

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121323\
 Data File : VX039191.D
 Acq On : 13 Dec 2023 15:56
 Operator : JC/MD
 Sample : VX1213WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

Quant Time: Dec 14 01:33:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2023
 Supervised By : Mahesh Dadoda 12/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	129687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	105418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	119956	50.491	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.980%			
35) Dibromofluoromethane	5.385	113	85386	52.033	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.060%			
50) Toluene-d8	8.647	98	321343	52.747	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.500%			
62) 4-Bromofluorobenzene	11.079	95	127677	50.794	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	35773	19.630	ug/l	100
3) Chloromethane	1.294	50	37508	18.566	ug/l	97
4) Vinyl Chloride	1.374	62	35713	19.007	ug/l	98
5) Bromomethane	1.605	94	23473	21.715	ug/l	98
6) Chloroethane	1.691	64	20322	17.948	ug/l	100
7) Trichlorofluoromethane	1.886	101	51306	18.648	ug/l	95
8) Diethyl Ether	2.130	74	17685	18.572	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	31596	18.819	ug/l	97
10) Methyl Iodide	2.453	142	34163	19.686	ug/l	95
11) Tert butyl alcohol	2.947	59	53258	89.270	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	31629	18.965	ug/l	100
13) Acrolein	2.233	56	44468	93.431	ug/l	99
14) Allyl chloride	2.666	41	61595	18.232	ug/l	97
15) Acrylonitrile	3.062	53	110292	92.359	ug/l	98
16) Acetone	2.374	43	112061	63.624	ug/l	96
17) Carbon Disulfide	2.514	76	88864	18.208	ug/l	99
18) Methyl Acetate	2.697	43	97142	18.904	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	111098	18.420	ug/l	97
20) Methylene Chloride	2.788	84	35493	17.921	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	33278	18.338	ug/l	94
22) Diisopropyl ether	3.757	45	112979	18.371	ug/l	97
23) Vinyl Acetate	3.721	43	432332	94.430	ug/l	100
24) 1,1-Dichloroethane	3.611	63	63981	18.405	ug/l	99
25) 2-Butanone	4.550	43	164180	80.083	ug/l	100
26) 2,2-Dichloropropane	4.471	77	55132	18.165	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	37263	18.604	ug/l	96
28) Bromochloromethane	4.898	49	28966	17.077	ug/l	93
29) Tetrahydrofuran	5.001	42	104568	92.361	ug/l	99
30) Chloroform	5.093	83	64093	18.449	ug/l	97
31) Cyclohexane	5.471	56	57958	18.888	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	55591	18.433	ug/l	99
36) 1,1-Dichloropropene	5.696	75	48868	18.871	ug/l	98
37) Ethyl Acetate	4.708	43	59857	18.710	ug/l	99
38) Carbon Tetrachloride	5.678	117	44816	18.135	ug/l	94
39) Methylcyclohexane	7.379	83	57619	18.524	ug/l	98
40) Benzene	6.038	78	137507	18.772	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	32847	19.243	ug/l	97
42) 1,2-Dichloroethane	6.086	62	56373	19.012	ug/l	98
43) Isopropyl Acetate	6.336	43	94121	18.092	ug/l	100
44) Trichloroethene	7.123	130	33584	18.169	ug/l	94
45) 1,2-Dichloropropane	7.428	63	37180	18.912	ug/l	99
46) Dibromomethane	7.580	93	26506	19.180	ug/l	92
47) Bromodichloromethane	7.818	83	49644	18.788	ug/l	99
48) Methyl methacrylate	7.690	41	57949	19.053	ug/l	97
49) 1,4-Dioxane	7.659	88	15954	389.151	ug/l #	94
51) 4-Methyl-2-Pentanone	8.568	43	315832	95.282	ug/l	98
52) Toluene	8.714	92	84171	19.038	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	54373	18.691	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	57809	18.469	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	34449	18.664	ug/l	94
56) Ethyl methacrylate	9.116	69	43640	19.368	ug/l	98
57) 1,3-Dichloropropane	9.305	76	60929	19.094	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	135035	102.061	ug/l	94
59) 2-Hexanone	9.427	43	252131	88.136	ug/l	99
60) Dibromochloromethane	9.519	129	35251	18.884	ug/l	98
61) 1,2-Dibromoethane	9.610	107	36641	18.596	ug/l	98
64) Tetrachloroethene	9.275	164	26536	18.444	ug/l	96
65) Chlorobenzene	10.079	112	86972	18.098	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	30713	18.093	ug/l	98
67) Ethyl Benzene	10.195	91	168610	18.848	ug/l	98
68) m/p-Xylenes	10.299	106	119872	37.374	ug/l	94
69) o-Xylene	10.640	106	57513	18.546	ug/l	92
70) Styrene	10.653	104	84736	18.691	ug/l	95
71) Bromoform	10.799	173	22900	18.149	ug/l #	100
73) Isopropylbenzene	10.963	105	157805	19.402	ug/l	98
74) N-amyl acetate	10.842	43	77343	18.795	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	58012	19.173	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	50426m	18.489	ug/l	
77) Bromobenzene	11.195	156	33605	18.684	ug/l	88
78) n-propylbenzene	11.305	91	192449	19.204	ug/l	97
79) 2-Chlorotoluene	11.360	91	112904	18.626	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	134631	19.431	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	16777	17.353	ug/l	99
82) 4-Chlorotoluene	11.451	91	137617	19.330	ug/l	96
83) tert-Butylbenzene	11.713	119	125227	18.991	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	133634	18.807	ug/l	99
85) sec-Butylbenzene	11.890	105	159908	19.057	ug/l	97
86) p-Isopropyltoluene	12.006	119	131651	18.695	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	66707	18.879	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	67274	18.286	ug/l	97
89) n-Butylbenzene	12.329	91	133509	19.286	ug/l	96
90) Hexachloroethane	12.536	117	23385	18.384	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	62267	18.417	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	14375	18.038	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	41062	18.548	ug/l	99
94) Hexachlorobutadiene	13.725	225	15114	18.116	ug/l	97
95) Naphthalene	13.774	128	147058	19.074	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	39175	18.330	ug/l	97

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Instrument :
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ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

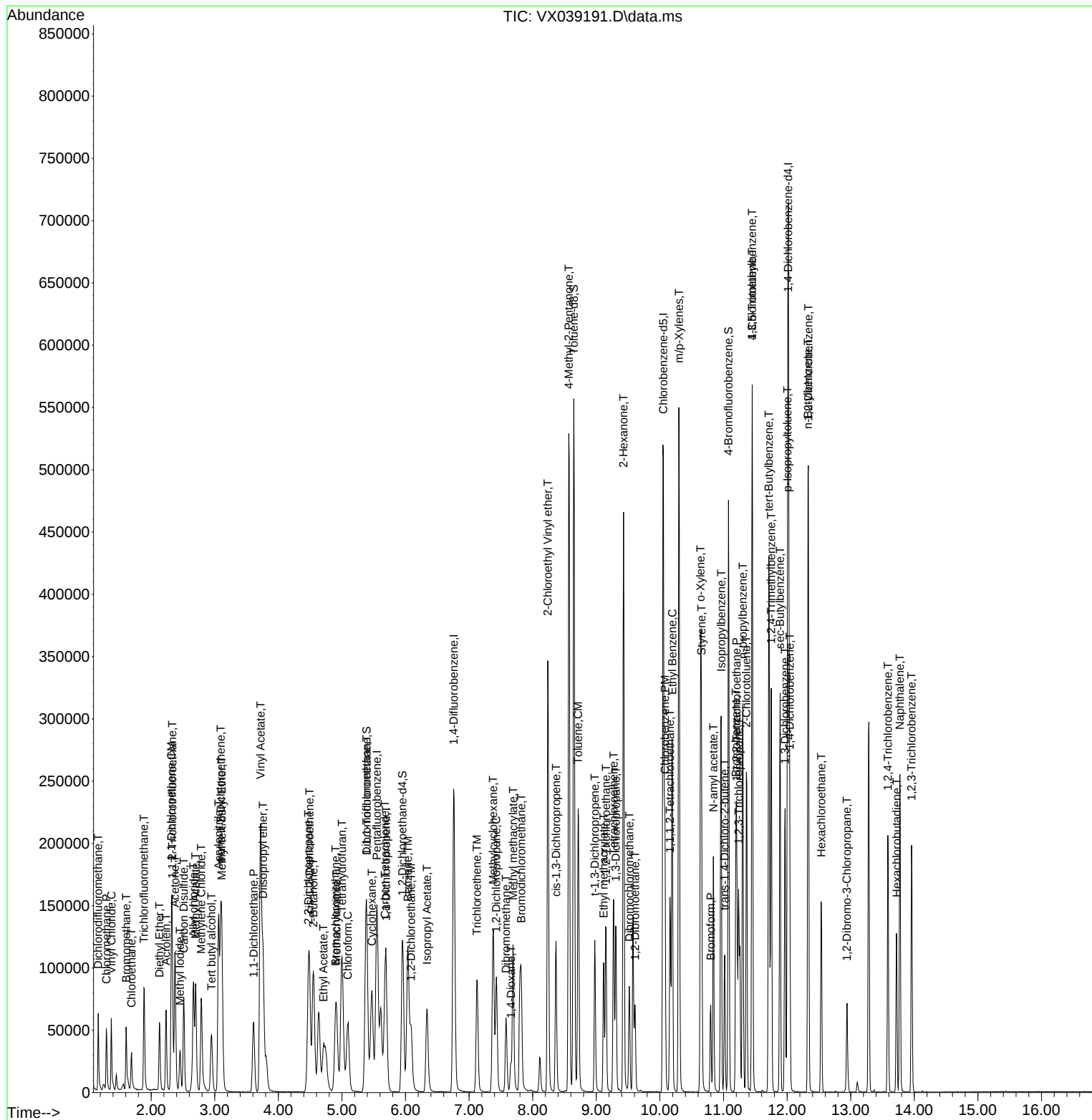
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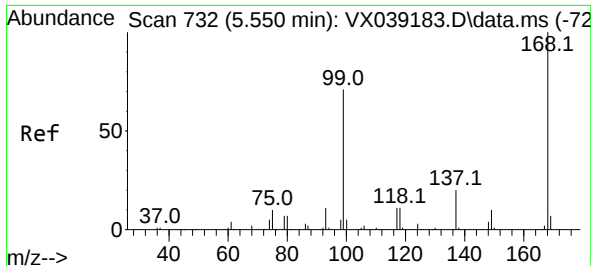
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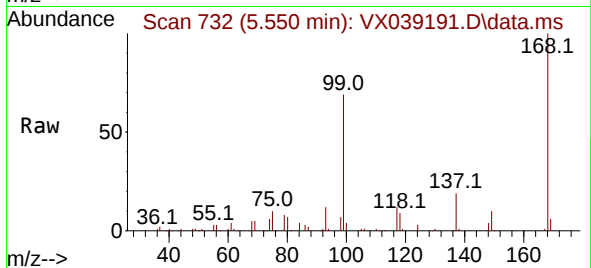
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

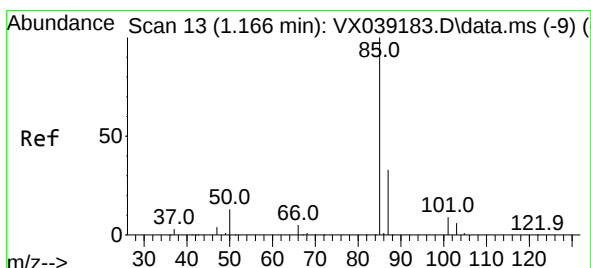
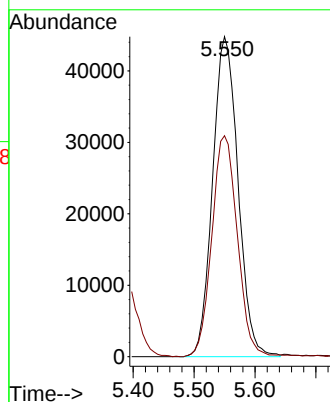
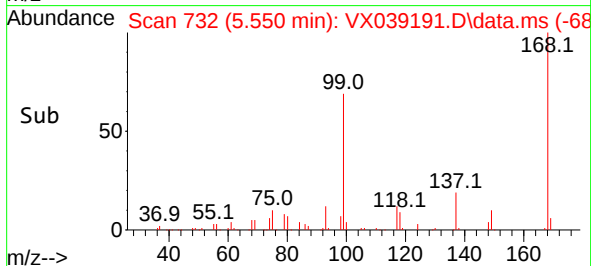
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



Tgt Ion:168 Resp: 12968
Ion Ratio Lower Upper
168 100
99 69.0 56.6 85.0

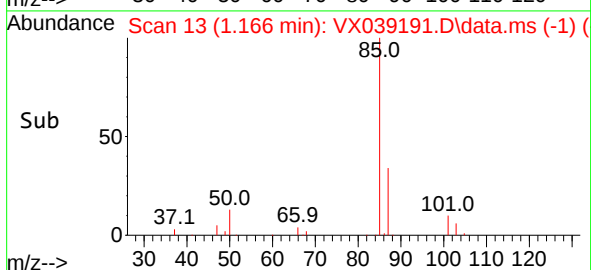
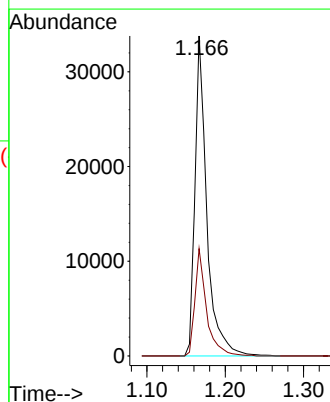
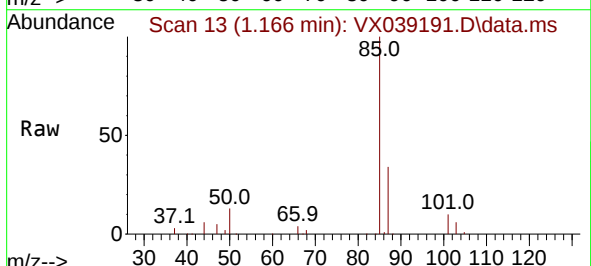
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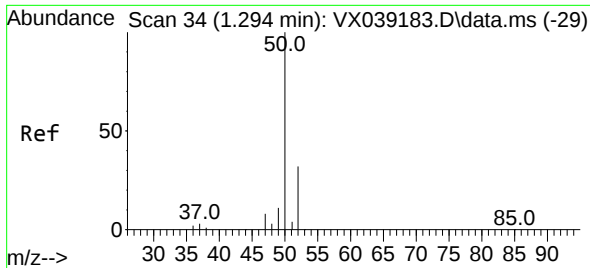
Reviewed By :John Carlone 12/14/2023
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#2
Dichlorodifluoromethane
Concen: 19.630 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion: 85 Resp: 35773
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.1





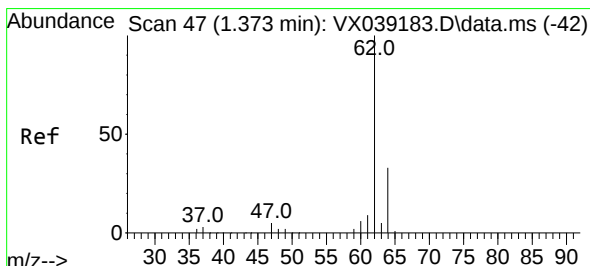
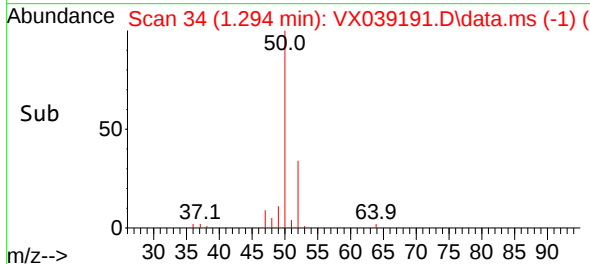
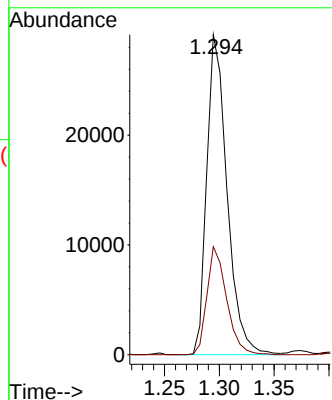
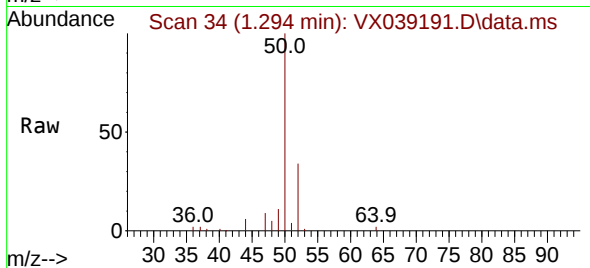
#3
Chloromethane
Concen: 18.566 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

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Tgt Ion: 50 Resp: 37508
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

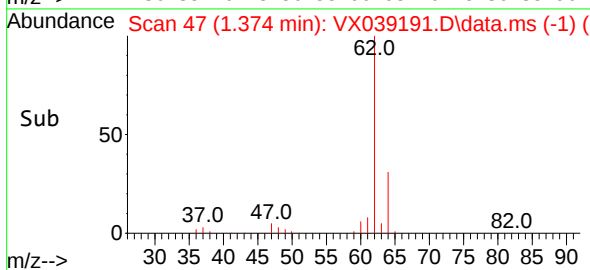
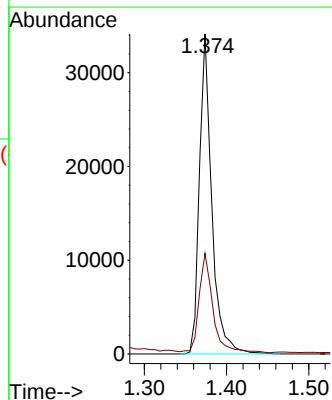
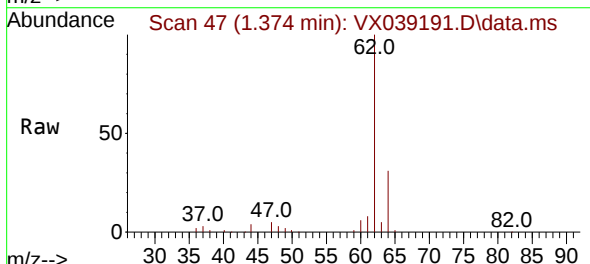
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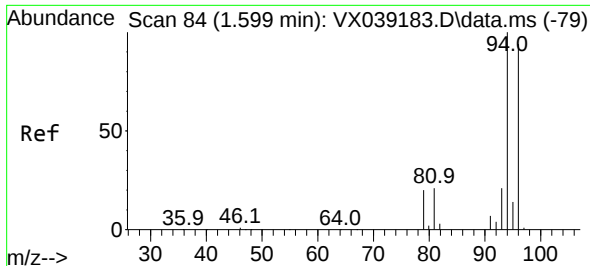
Reviewed By :John Carlone 12/14/2023
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#4
Vinyl Chloride
Concen: 19.007 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

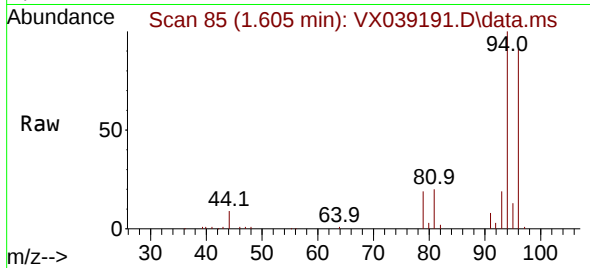
Tgt Ion: 62 Resp: 35713
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.0





#5
Bromomethane
Concen: 21.715 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX039191.D
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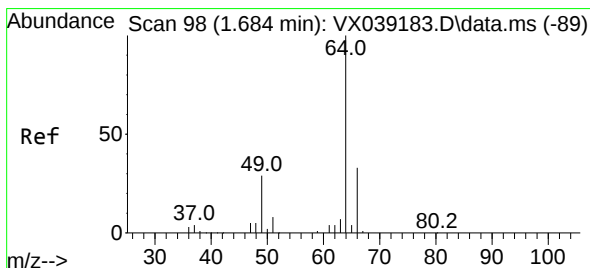
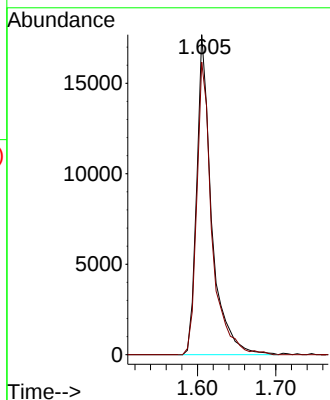
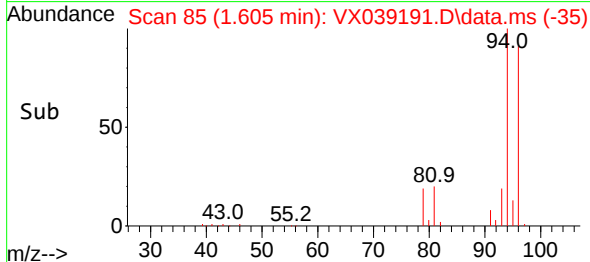
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Tgt Ion: 94 Resp: 2347
Ion Ratio Lower Upper
94 100
96 91.5 74.6 111.8

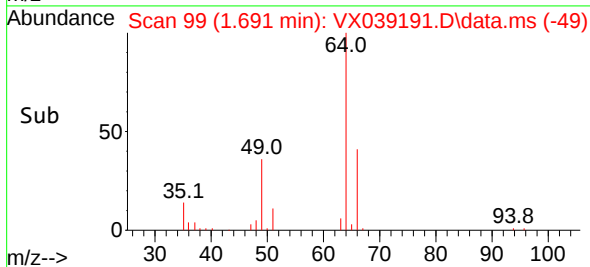
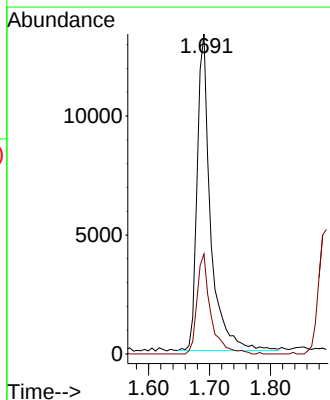
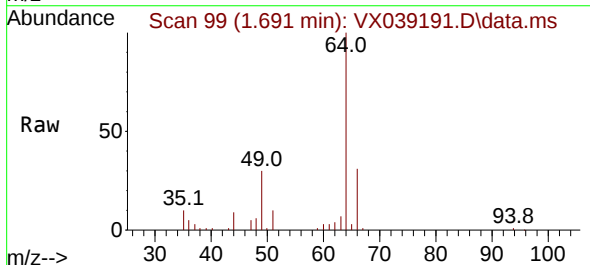
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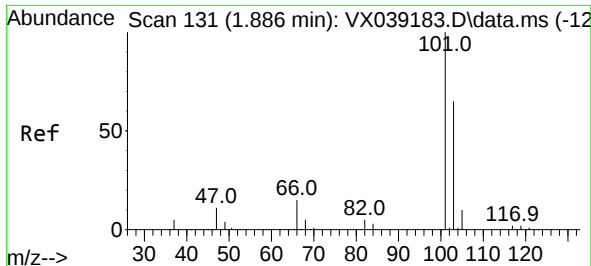
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#6
Chloroethane
Concen: 17.948 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion: 64 Resp: 20322
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7





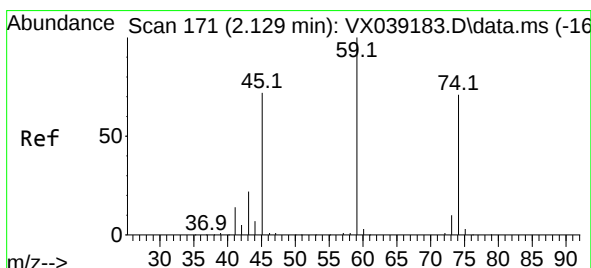
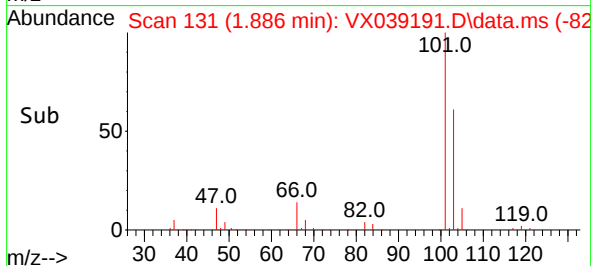
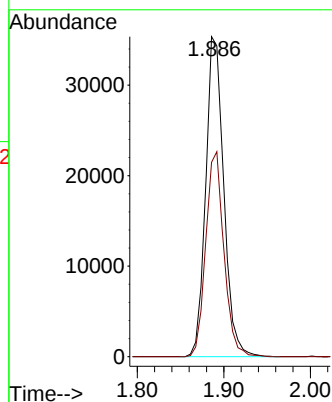
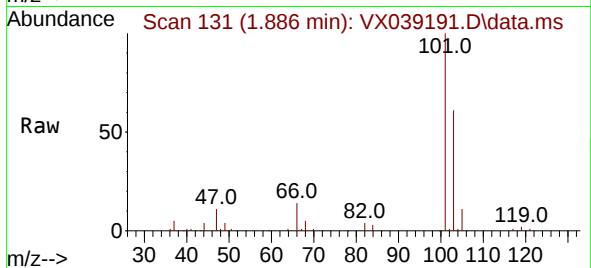
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Trichlorofluoromethane
Concen: 18.648 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 51300
Ion Ratio Lower Upper
101 100
103 60.8 51.4 77.2

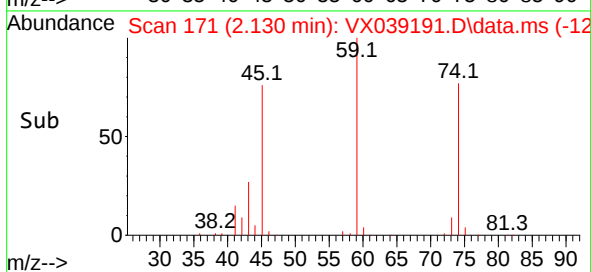
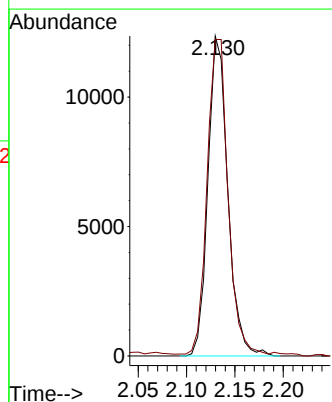
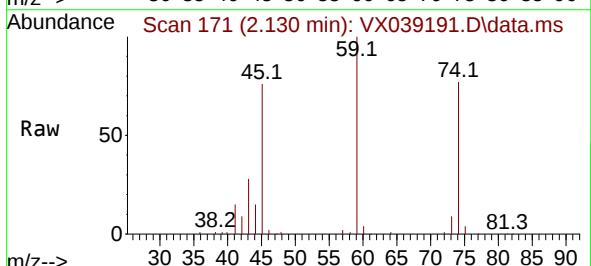
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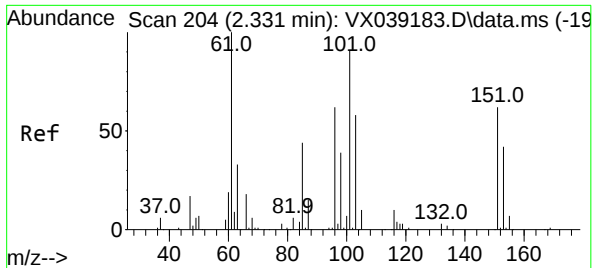
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#8
Diethyl Ether
Concen: 18.572 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion: 74 Resp: 17685
Ion Ratio Lower Upper
74 100
45 102.7 53.3 159.8





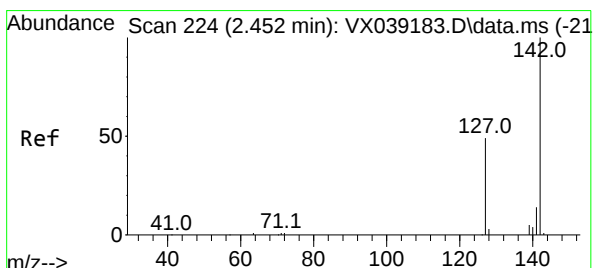
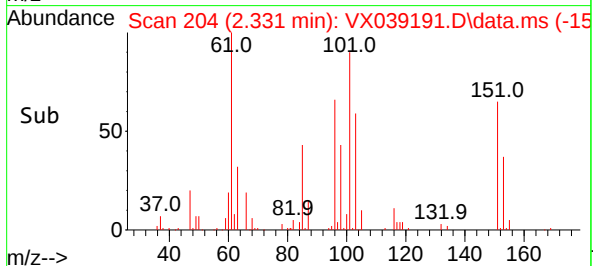
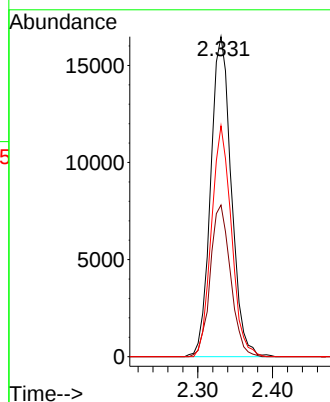
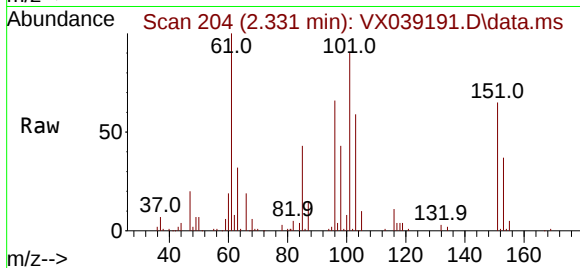
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.819 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion:101 Resp: 31590
Ion Ratio Lower Upper
101 100
85 46.6 37.0 55.6
151 69.9 58.6 87.8

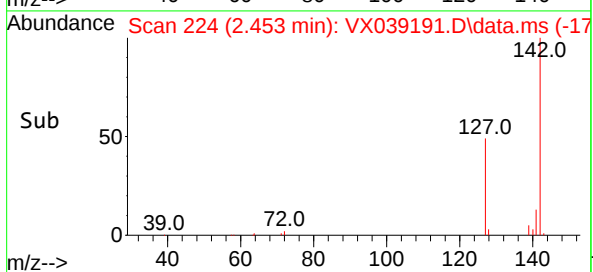
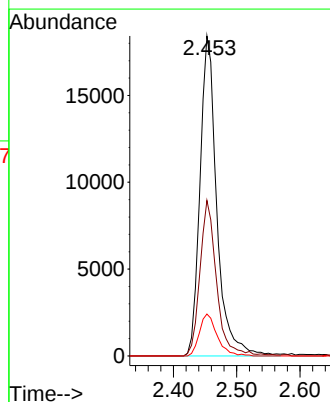
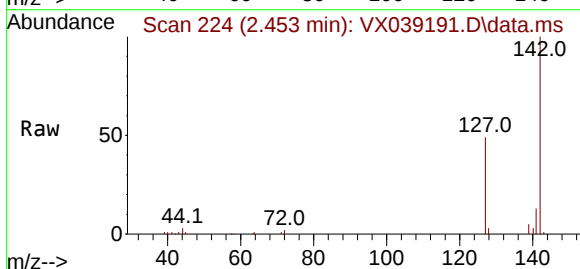
Manual Integrations
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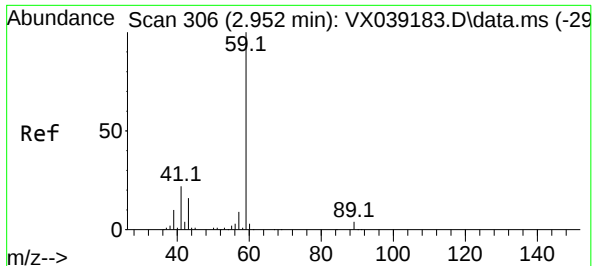
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#10
Methyl Iodide
Concen: 19.686 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion:142 Resp: 34163
Ion Ratio Lower Upper
142 100
127 48.1 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 89.270 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 59 Resp: 53258

Ion Ratio Lower Upper

59 100

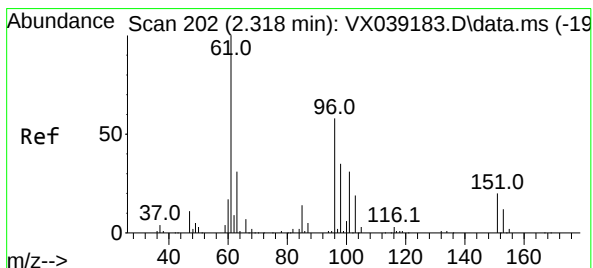
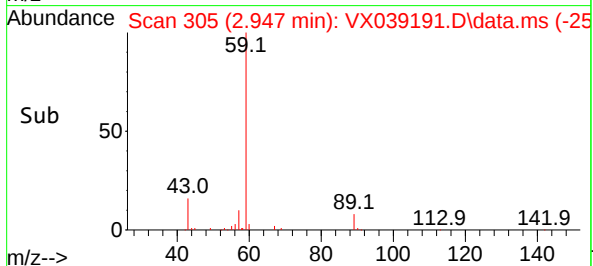
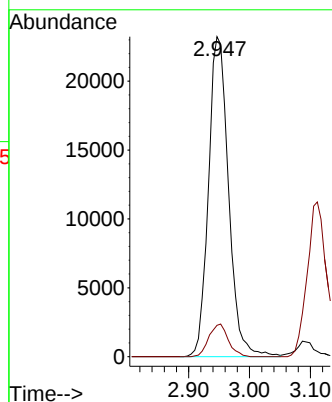
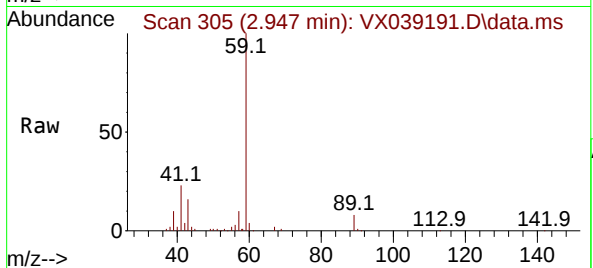
57 9.8 6.0 9.0

Manual Integrations

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#12

1,1-Dichloroethene

Concen: 18.965 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

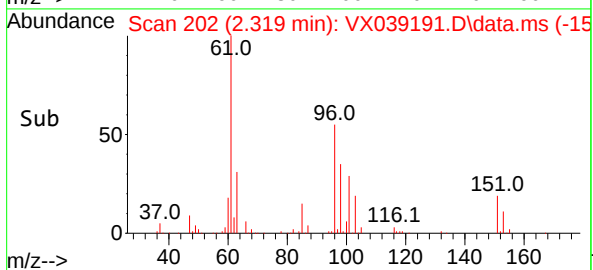
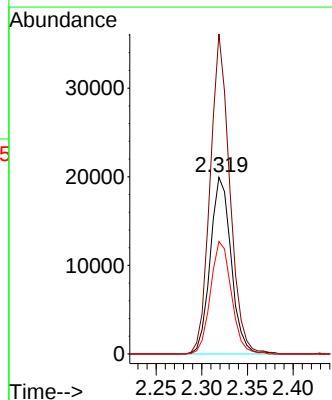
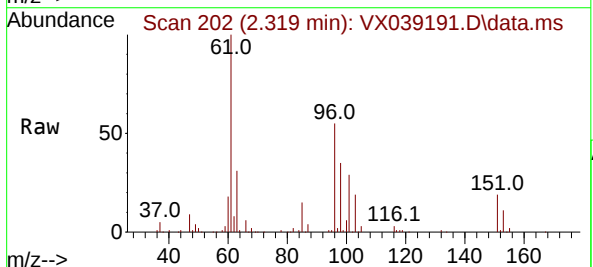
Tgt Ion: 96 Resp: 31629

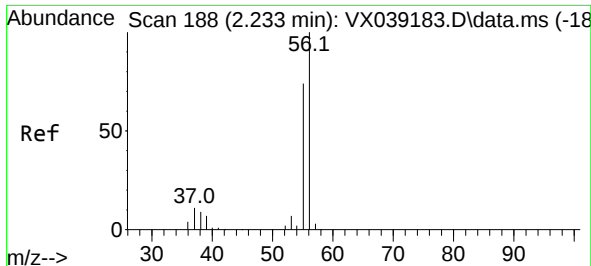
Ion Ratio Lower Upper

96 100

61 181.1 144.6 216.8

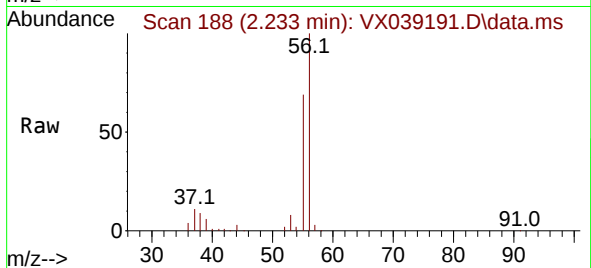
98 63.7 50.4 75.6





#13
Acrolein
Concen: 93.431 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

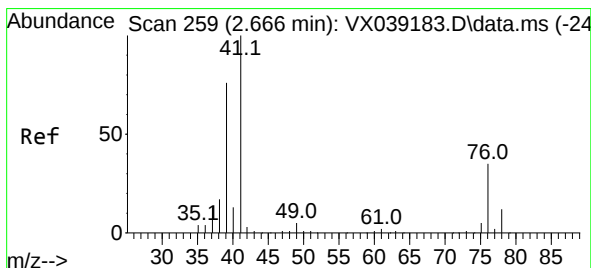
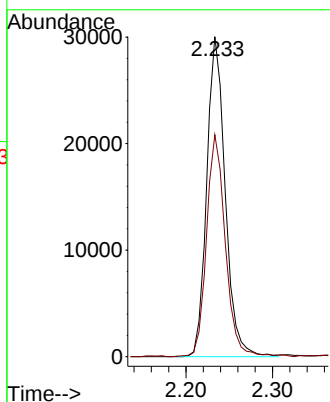
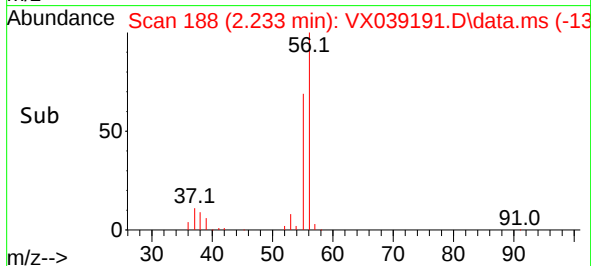
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



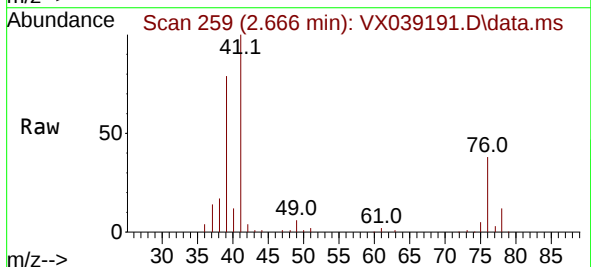
Tgt Ion: 56 Resp: 44468
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7

Manual Integrations
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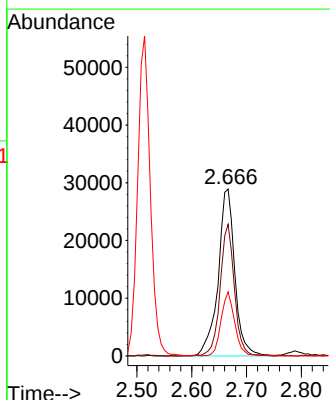
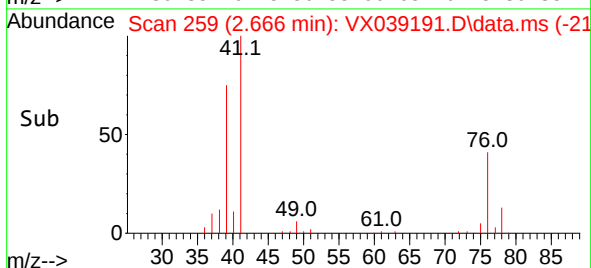
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

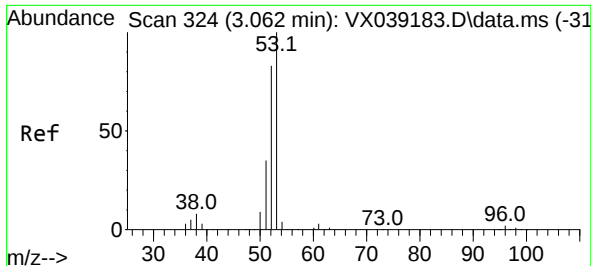


#14
Allyl chloride
Concen: 18.232 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56



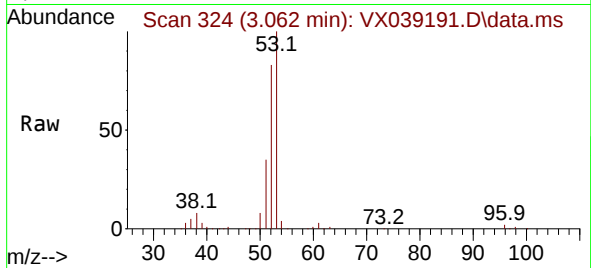
Tgt Ion: 41 Resp: 61595
Ion Ratio Lower Upper
41 100
39 67.2 55.8 83.6
76 31.4 24.3 36.5





#15
Acrylonitrile
Concen: 92.359 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

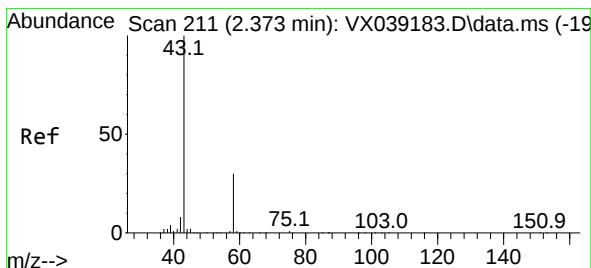
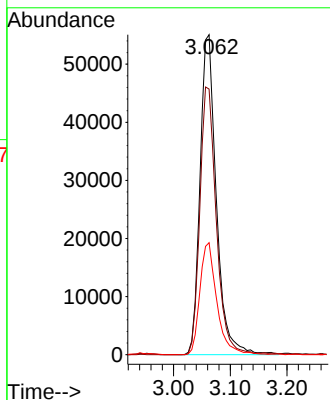
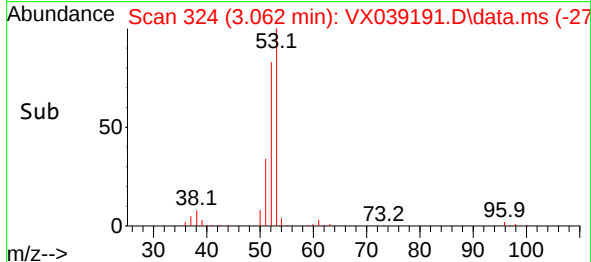
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



Tgt Ion: 53 Resp: 110292
Ion Ratio Lower Upper
53 100
52 84.2 66.0 99.0
51 36.4 29.8 44.6

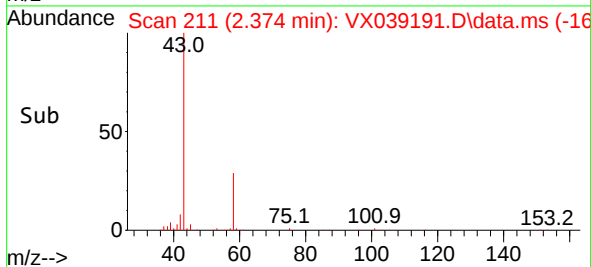
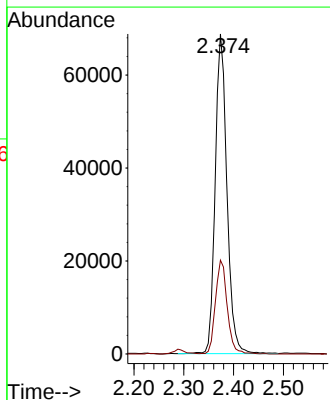
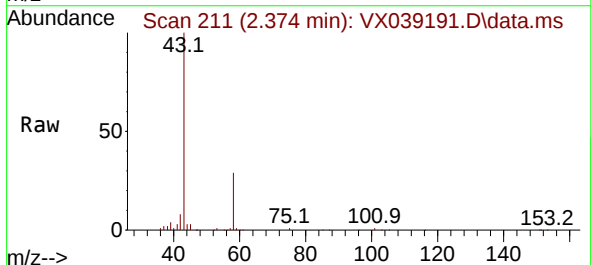
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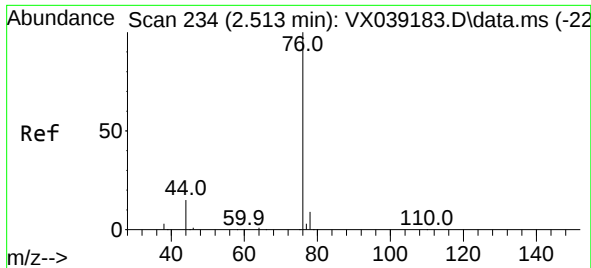
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#16
Acetone
Concen: 63.624 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion: 43 Resp: 112061
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9





#17

Carbon Disulfide

Concen: 18.208 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 76 Resp: 88864

Ion Ratio Lower Upper

76 100

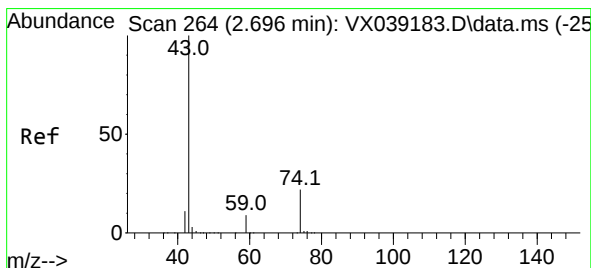
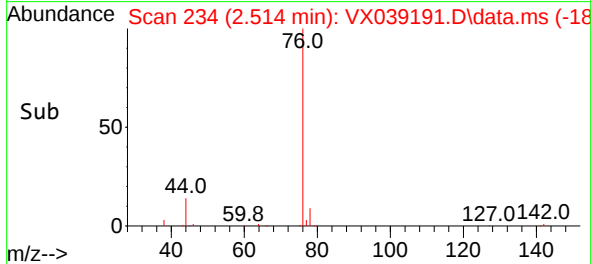
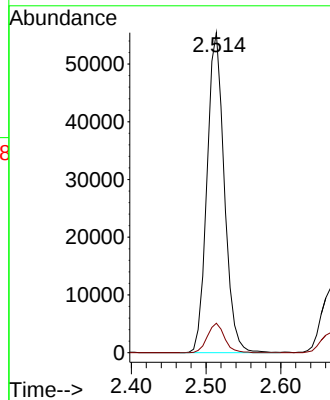
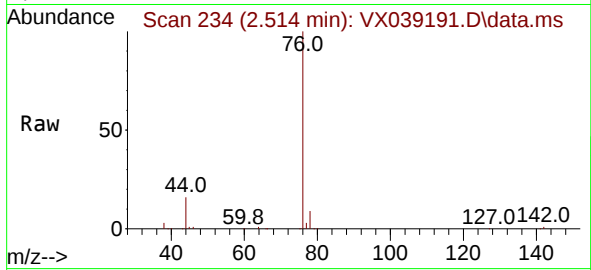
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#18

Methyl Acetate

Concen: 18.904 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX039191.D

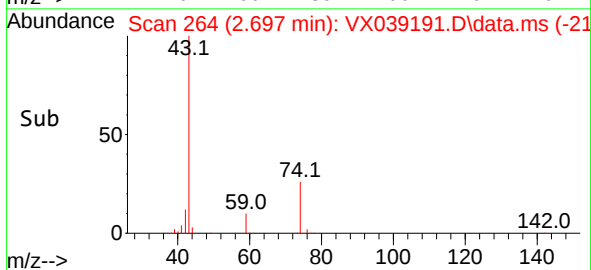
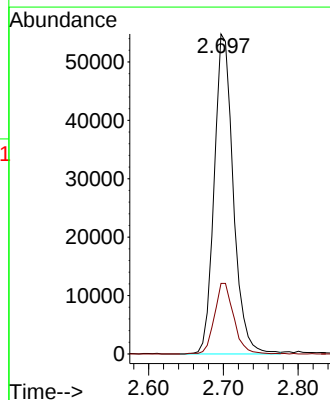
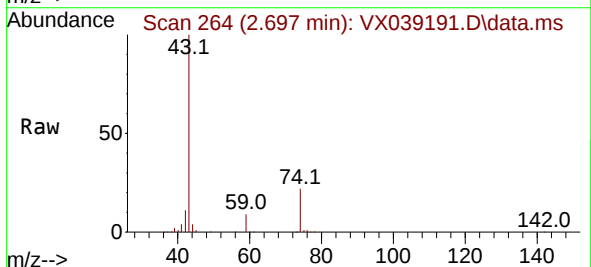
Acq: 13 Dec 2023 15:56

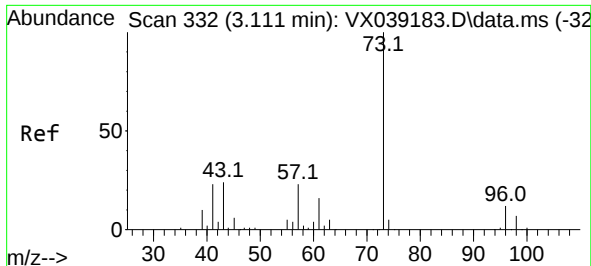
Tgt Ion: 43 Resp: 97142

Ion Ratio Lower Upper

43 100

74 22.5 17.8 26.8





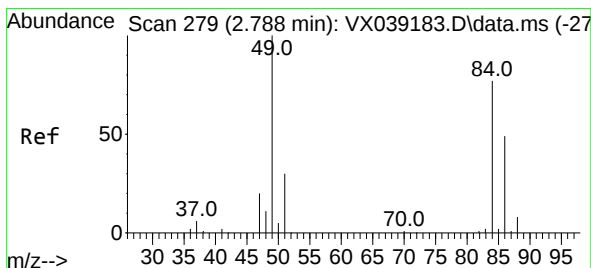
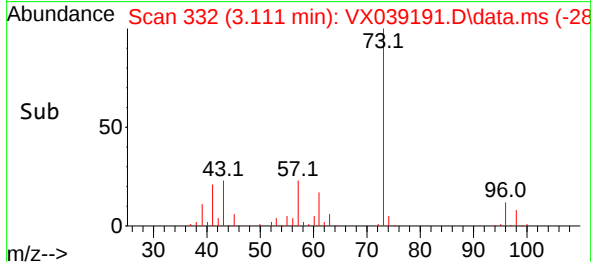
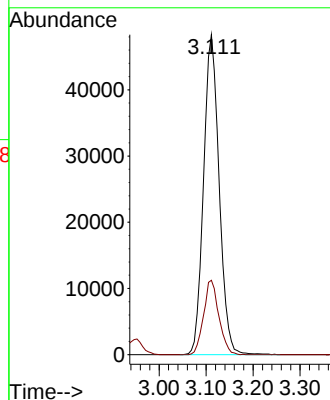
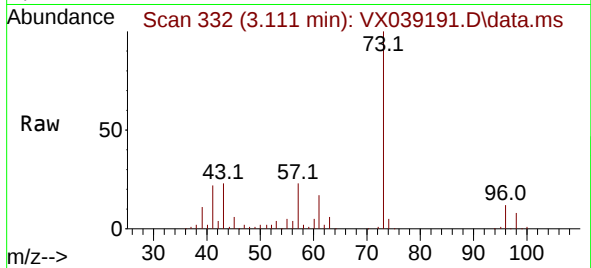
#19
Methyl tert-butyl Ether
Concen: 18.420 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 73 Resp: 111098
Ion Ratio Lower Upper
73 100
57 23.3 17.3 25.9

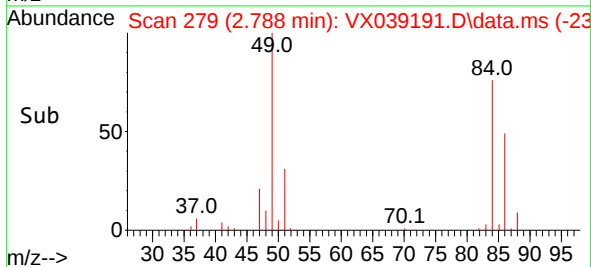
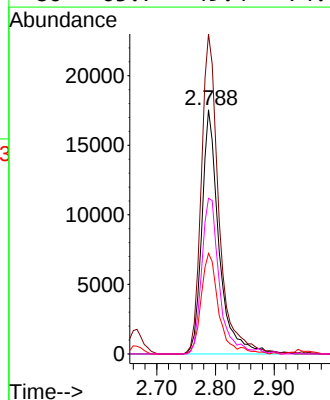
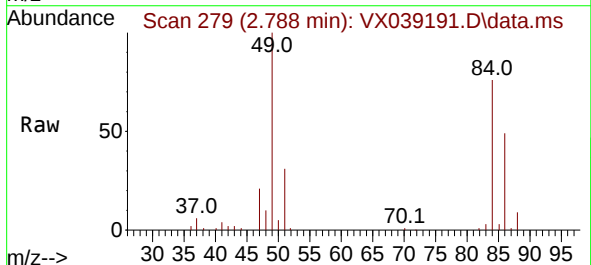
Manual Integrations
APPROVED

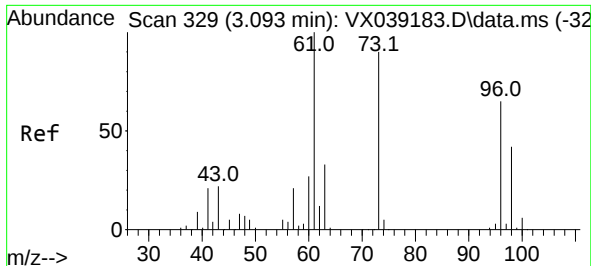
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#20
Methylene Chloride
Concen: 17.921 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

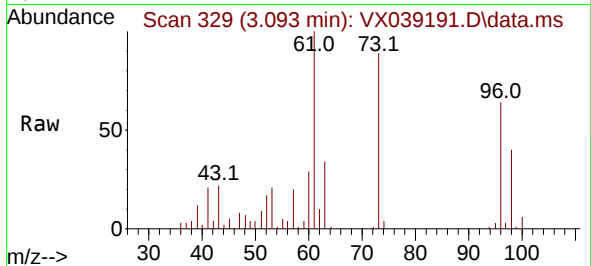
Tgt Ion: 84 Resp: 35493
Ion Ratio Lower Upper
84 100
49 131.0 103.6 155.4
51 41.2 33.8 50.6
86 63.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 18.338 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

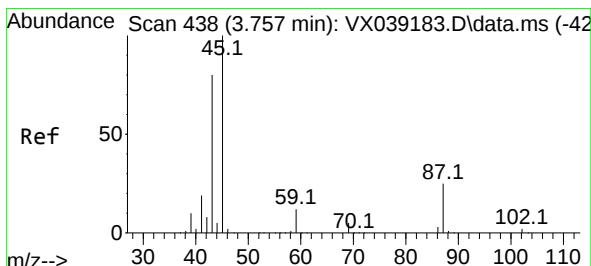
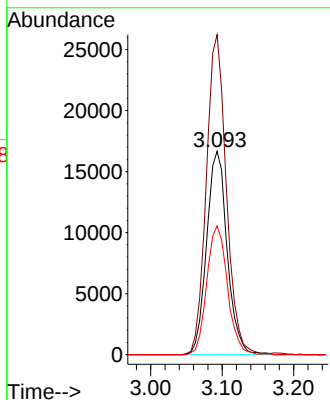
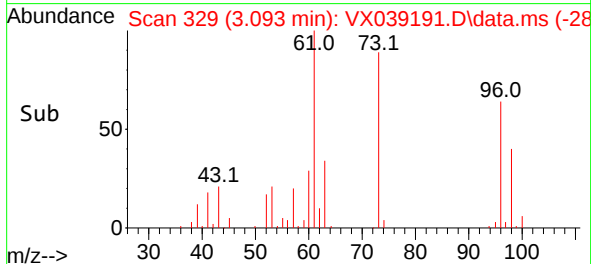
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



Tgt Ion: 96 Resp: 33278
Ion Ratio Lower Upper
96 100
61 157.4 119.2 178.8
98 63.4 48.7 73.1

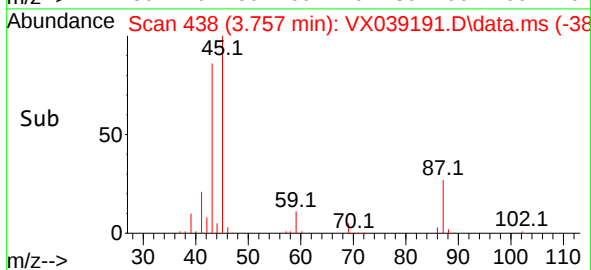
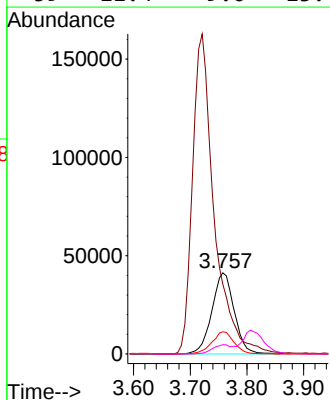
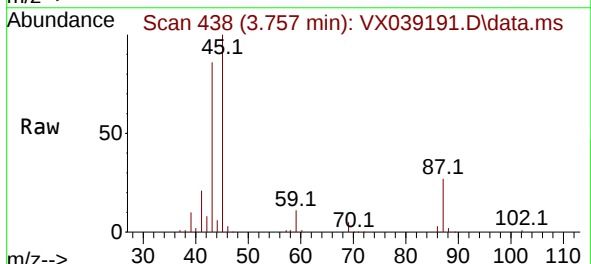
Manual Integrations
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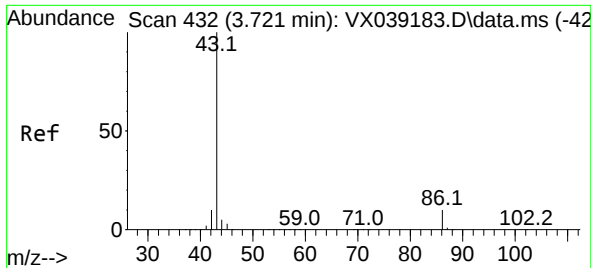
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#22
Diisopropyl ether
Concen: 18.371 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

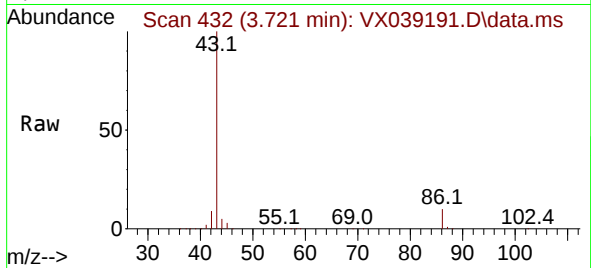
Tgt Ion: 45 Resp: 112979
Ion Ratio Lower Upper
45 100
43 83.9 69.7 104.5
87 27.4 20.8 31.2
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 94.430 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039191.D
 Acq: 13 Dec 2023 15:56

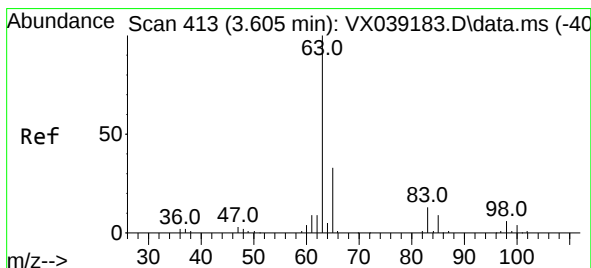
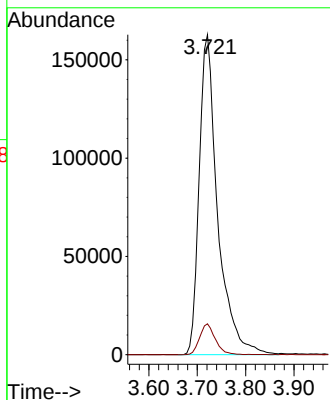
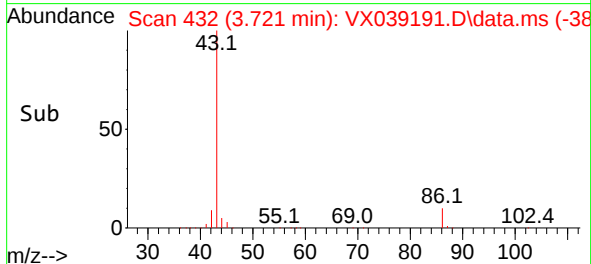
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01



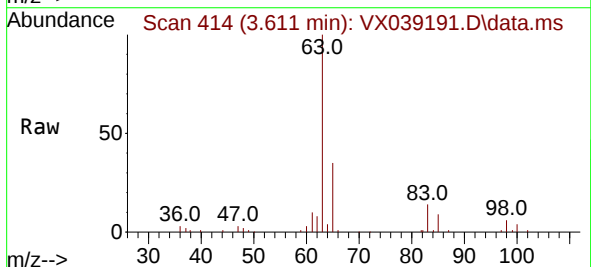
Tgt Ion: 43 Resp: 43233
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

Manual Integrations
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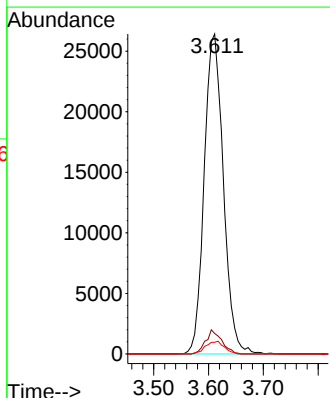
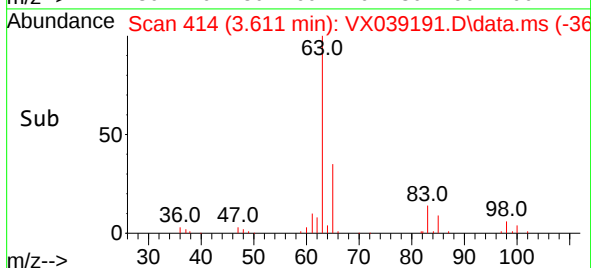
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023

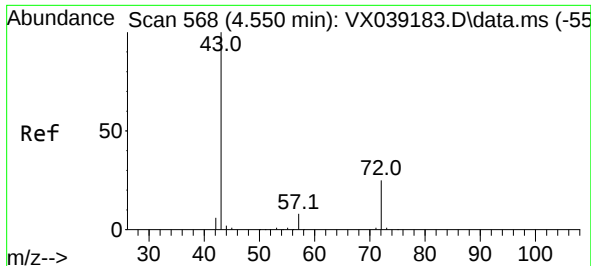


#24
 1,1-Dichloroethane
 Concen: 18.405 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX039191.D
 Acq: 13 Dec 2023 15:56



Tgt Ion: 63 Resp: 63981
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 80.083 ug/l

RT: 4.550 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 43 Resp: 164180

Ion Ratio Lower Upper

43 100

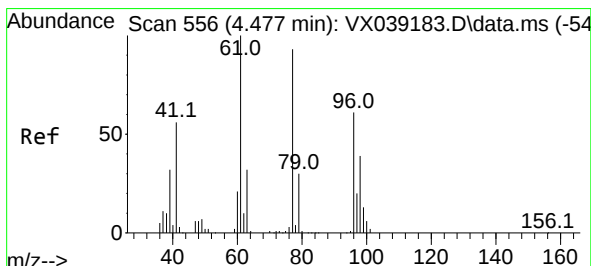
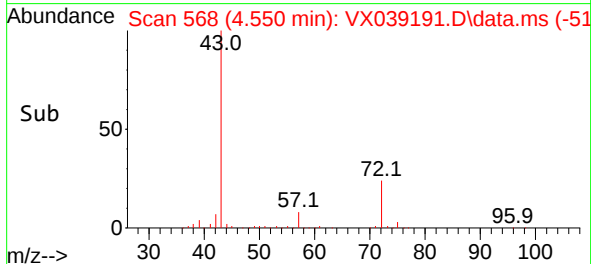
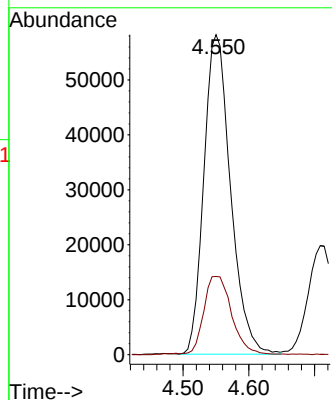
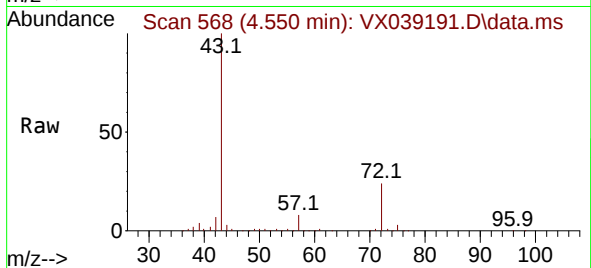
72 24.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#26

2,2-Dichloropropane

Concen: 18.165 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX039191.D

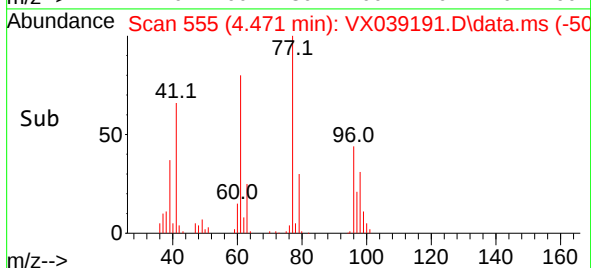
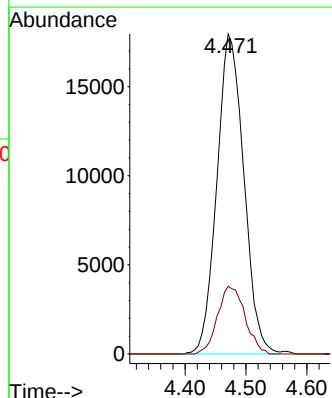
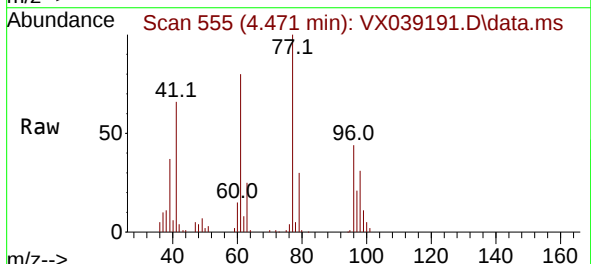
Acq: 13 Dec 2023 15:56

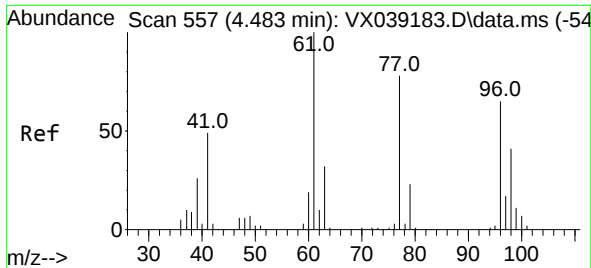
Tgt Ion: 77 Resp: 55132

Ion Ratio Lower Upper

77 100

97 21.5 10.8 32.3





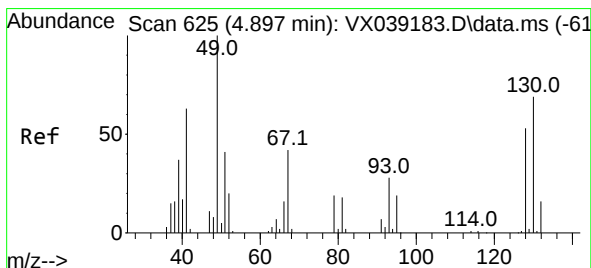
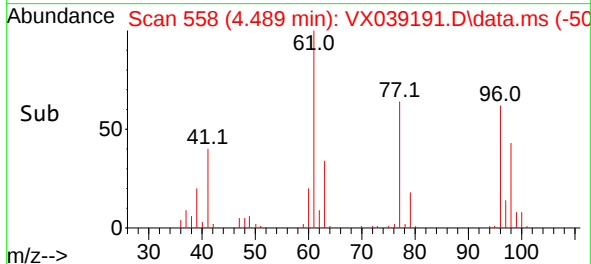
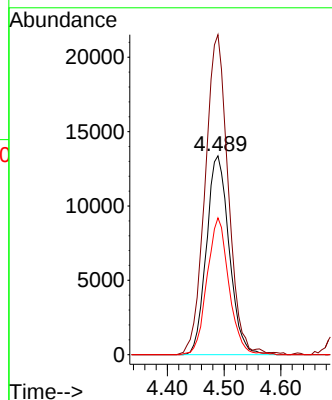
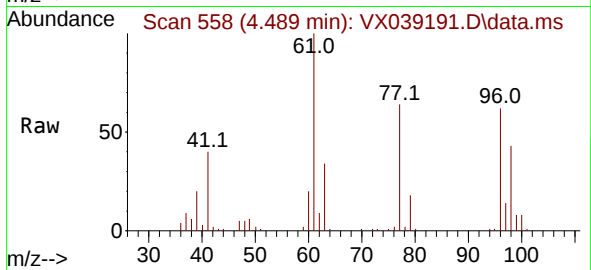
#27
 cis-1,2-Dichloroethene
 Concen: 18.604 ug/l
 RT: 4.489 min Scan# 557
 Delta R.T. 0.006 min
 Lab File: VX039191.D
 Acq: 13 Dec 2023 15:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01

Tgt Ion: 96 Resp: 3726
 Ion Ratio Lower Upper
 96 100
 61 163.0 0.0 312.2
 98 66.0 0.0 129.0

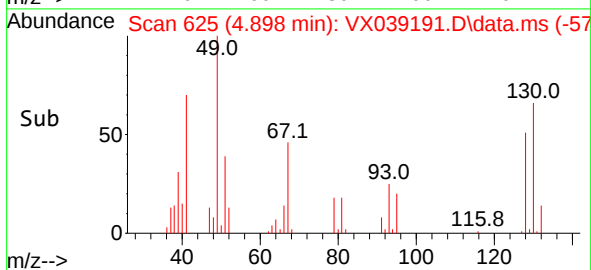
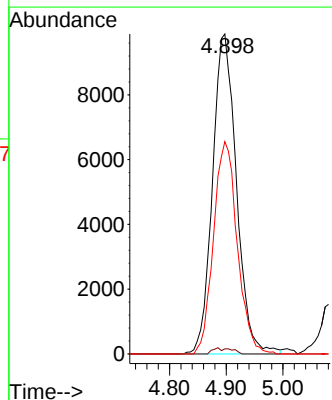
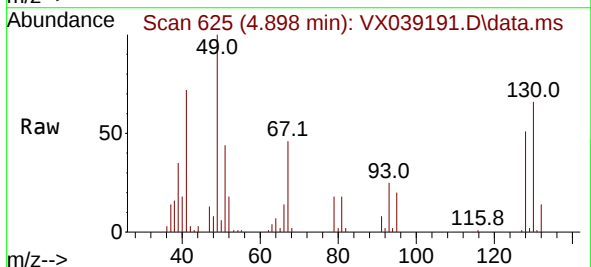
Manual Integrations
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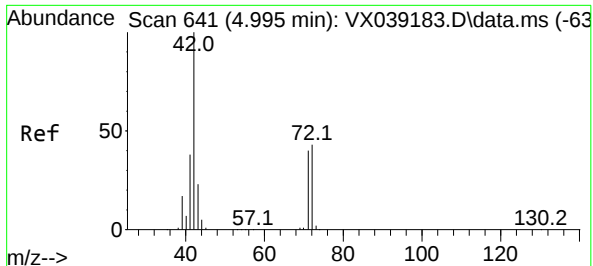
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023



#28
 Bromochloromethane
 Concen: 17.077 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX039191.D
 Acq: 13 Dec 2023 15:56

Tgt Ion: 49 Resp: 28966
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.8
 130 65.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 92.361 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 42 Resp: 10456

Ion Ratio Lower Upper

42 100

72 42.2 34.2 51.4

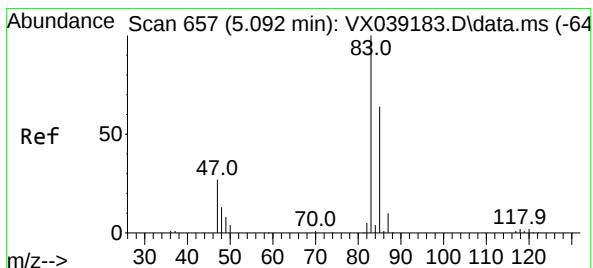
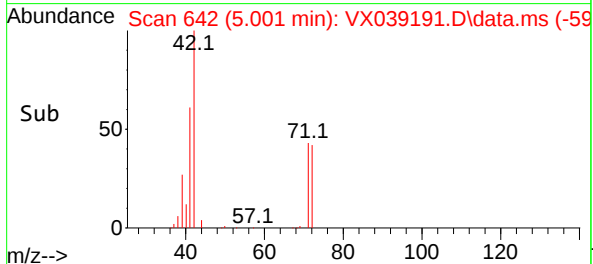
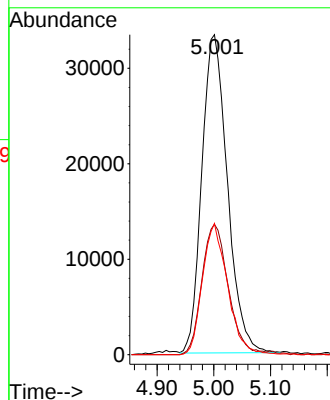
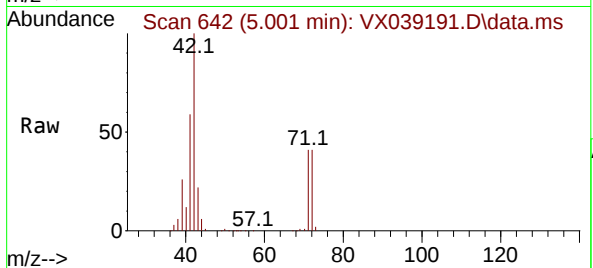
71 40.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#30

Chloroform

Concen: 18.449 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039191.D

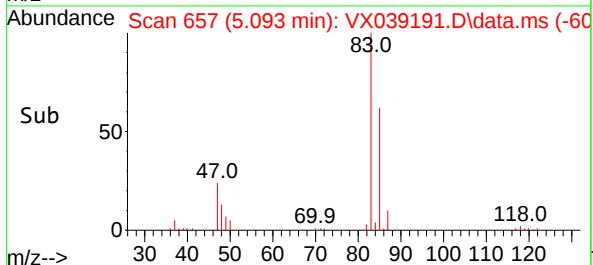
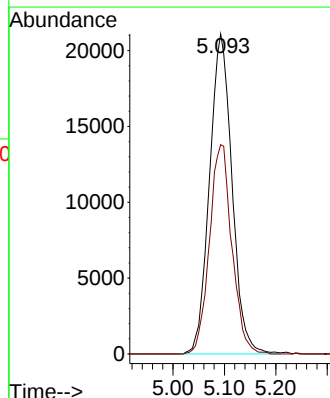
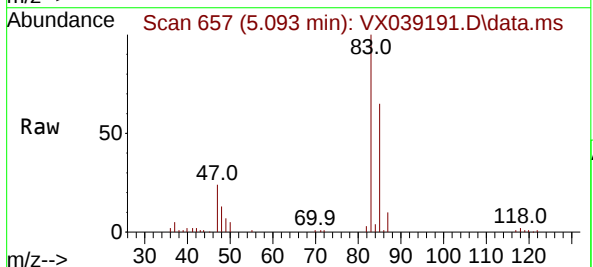
Acq: 13 Dec 2023 15:56

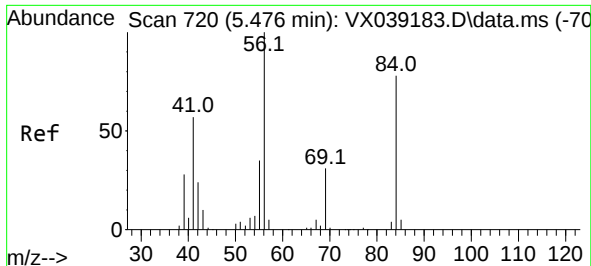
Tgt Ion: 83 Resp: 64093

Ion Ratio Lower Upper

83 100

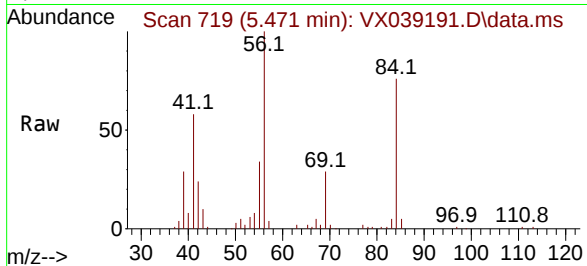
85 65.4 50.3 75.5





#31
Cyclohexane
Concen: 18.888 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

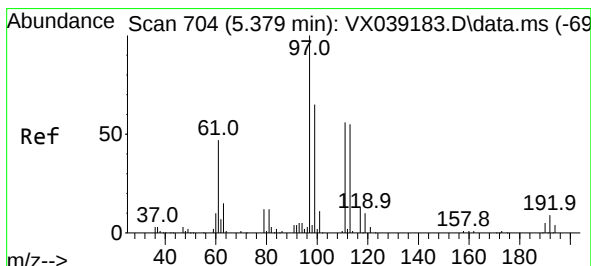
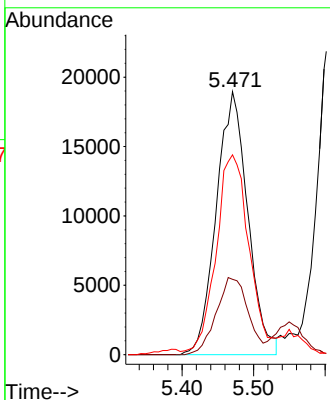
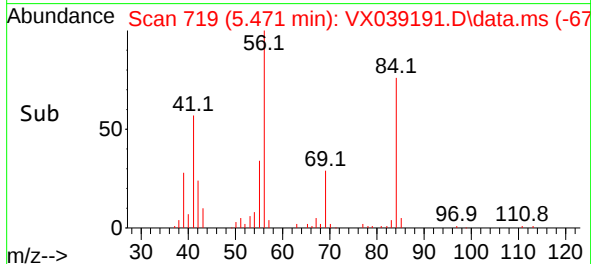
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



Tgt Ion: 56 Resp: 57958
Ion Ratio Lower Upper
56 100
69 28.6 23.4 35.2
84 74.0 65.9 98.9

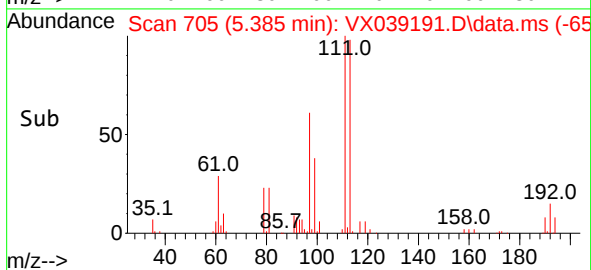
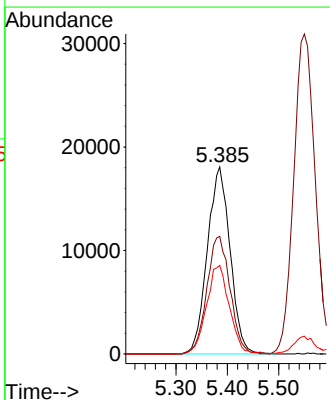
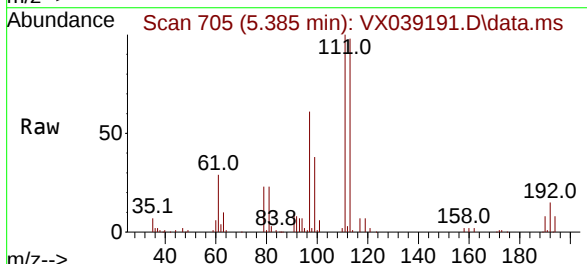
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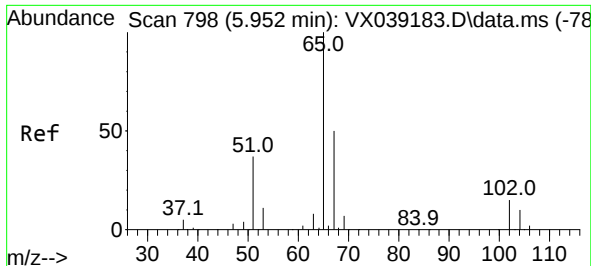
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#32
1,1,1-Trichloroethane
Concen: 18.433 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion: 97 Resp: 55591
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 47.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.491 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 65 Resp: 119950

Ion Ratio Lower Upper

65 100

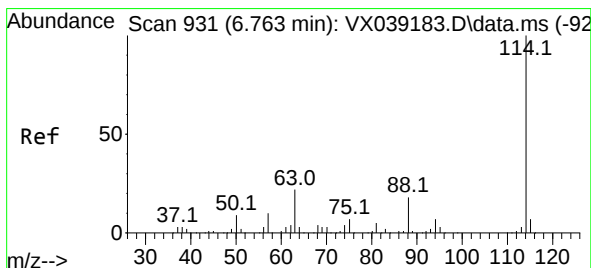
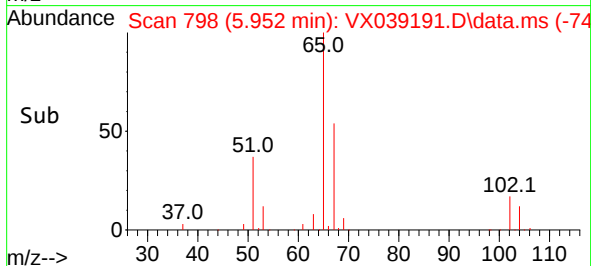
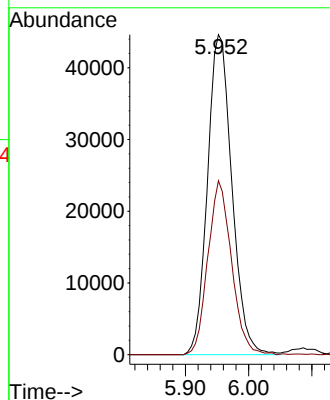
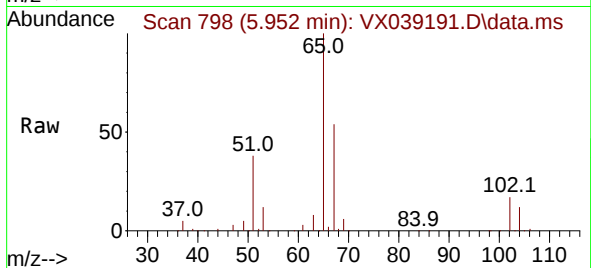
67 52.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

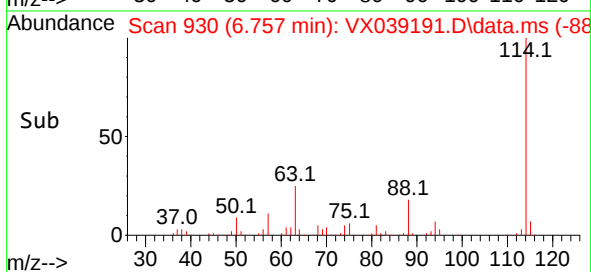
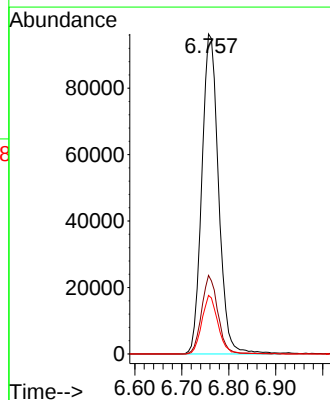
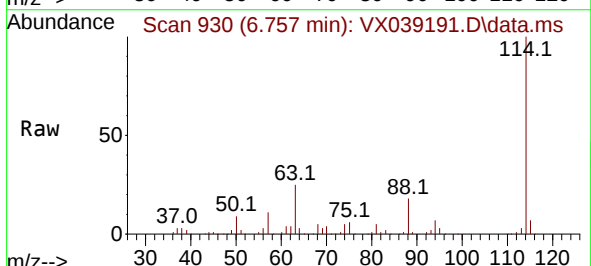
Tgt Ion:114 Resp: 237532

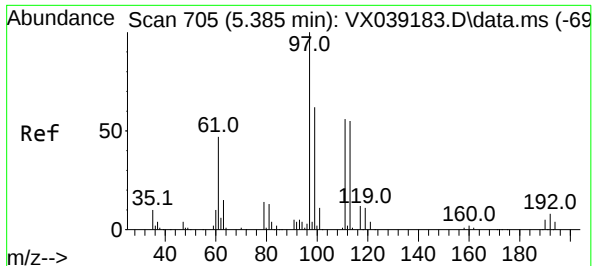
Ion Ratio Lower Upper

114 100

63 24.6 0.0 45.0

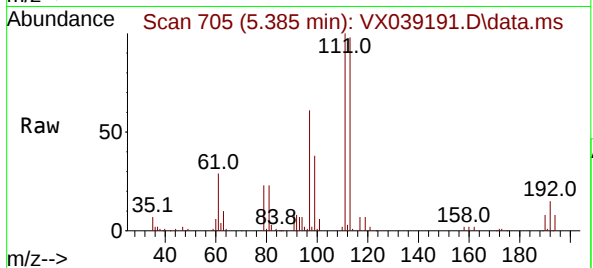
88 18.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.033 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

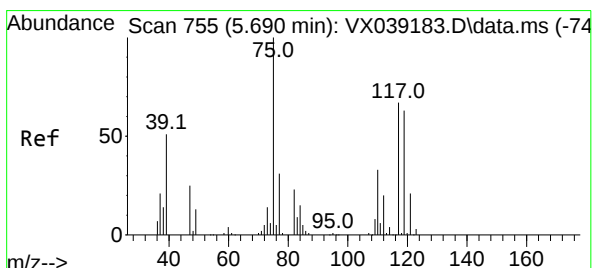
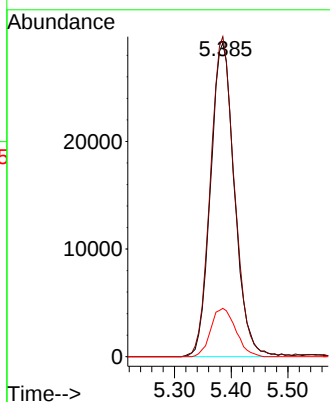
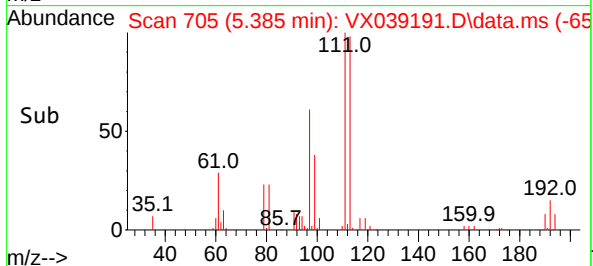
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



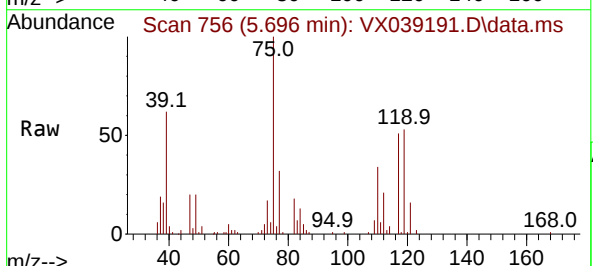
Tgt Ion: 113 Resp: 85386
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 16.1 13.3 19.9

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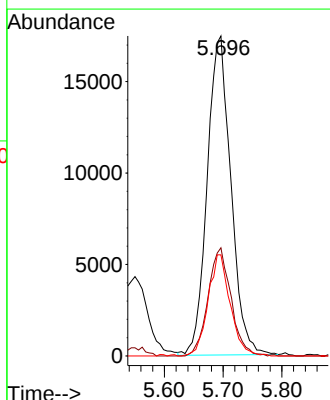
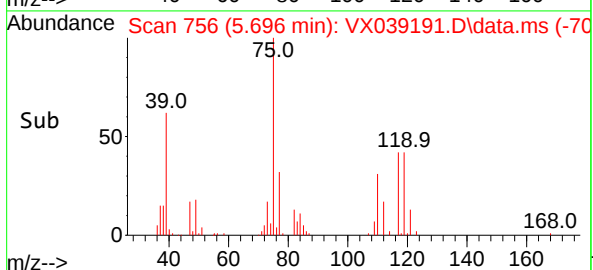
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

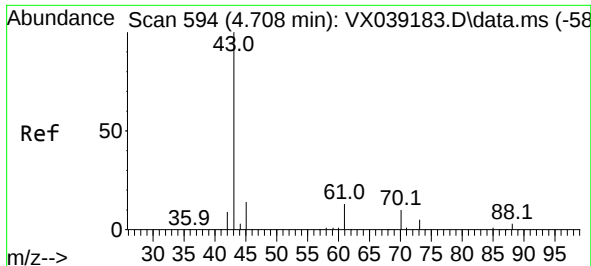


#36
1,1-Dichloropropene
Concen: 18.871 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56



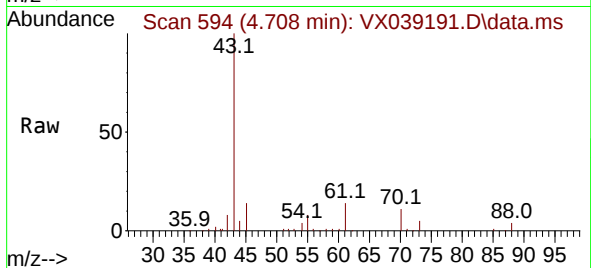
Tgt Ion: 75 Resp: 48868
Ion Ratio Lower Upper
75 100
110 32.9 17.0 50.9
77 29.8 24.7 37.1





#37
Ethyl Acetate
Concen: 18.710 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

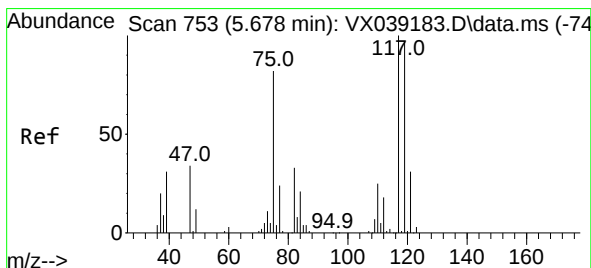
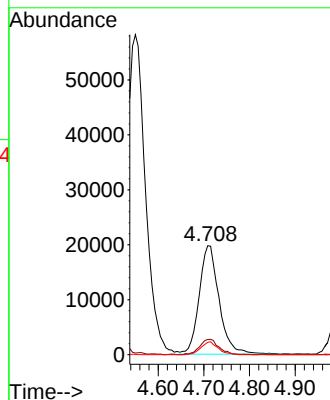
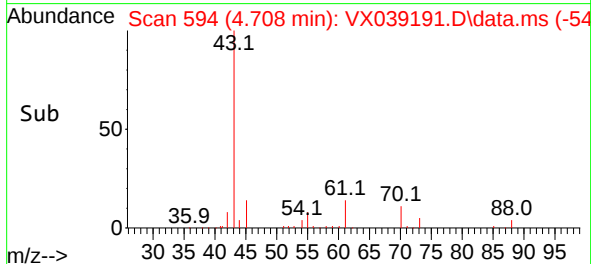
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



Tgt Ion: 43 Resp: 5985
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 10.1 8.3 12.5

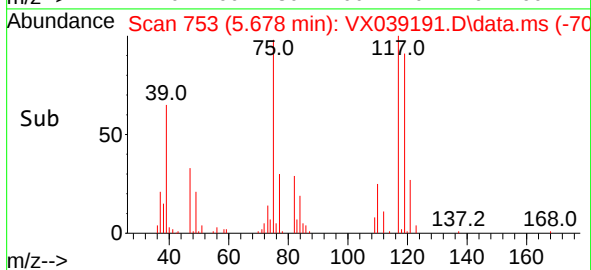
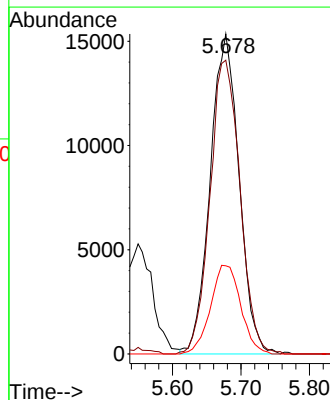
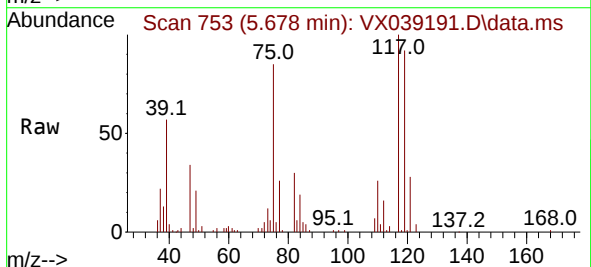
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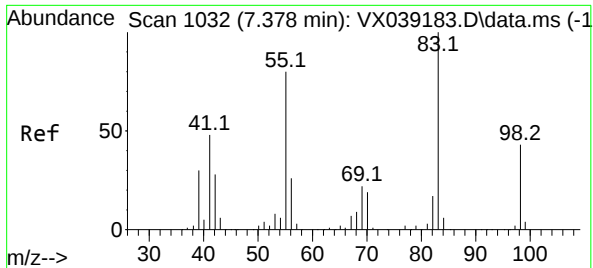
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#38
Carbon Tetrachloride
Concen: 18.135 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion:117 Resp: 44816
Ion Ratio Lower Upper
117 100
119 91.2 78.2 117.2
121 27.6 24.4 36.6





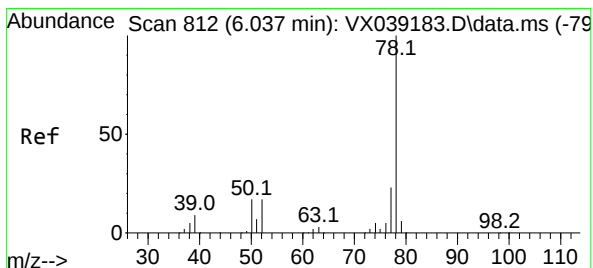
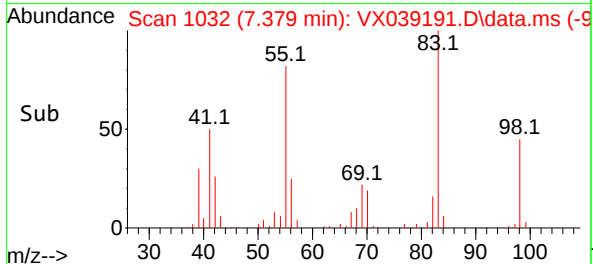
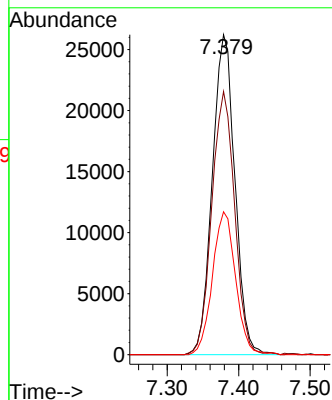
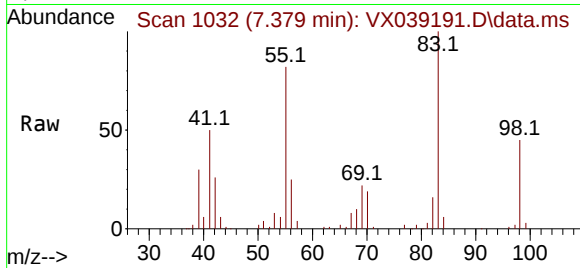
#39
Methylcyclohexane
Concen: 18.524 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 83 Resp: 57619
Ion Ratio Lower Upper
83 100
55 82.3 64.6 97.0
98 44.6 36.7 55.1

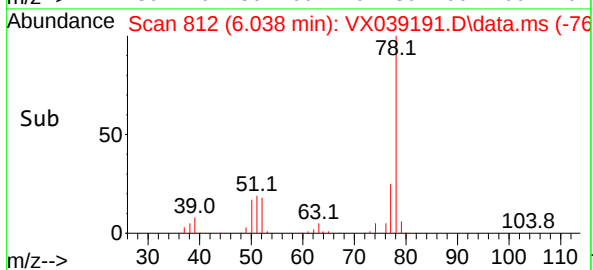
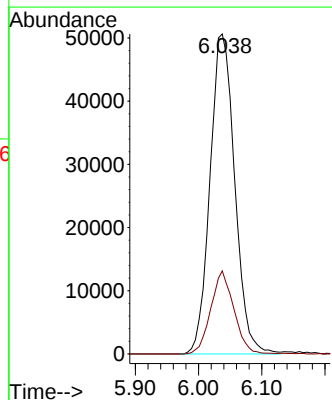
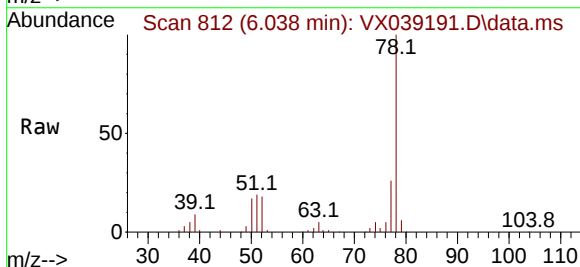
Manual Integrations
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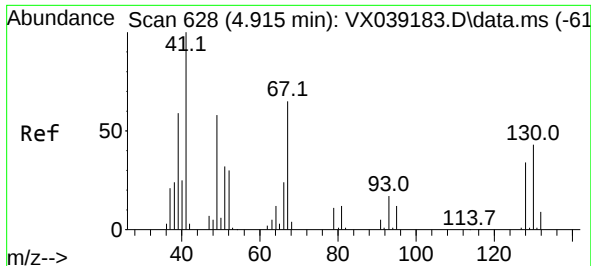
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#40
Benzene
Concen: 18.772 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion: 78 Resp: 137507
Ion Ratio Lower Upper
78 100
77 25.9 19.3 28.9





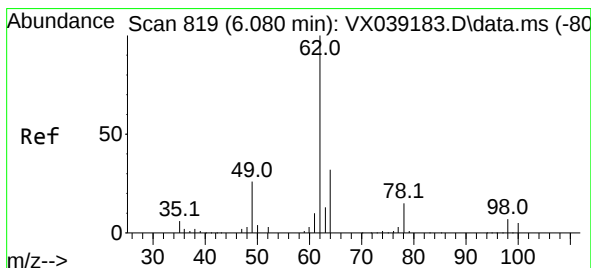
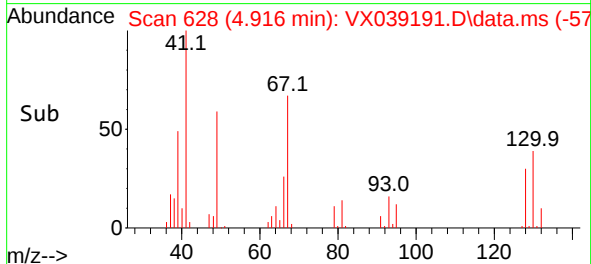
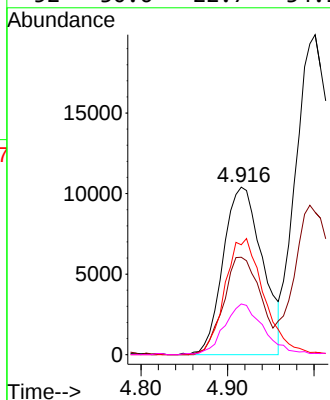
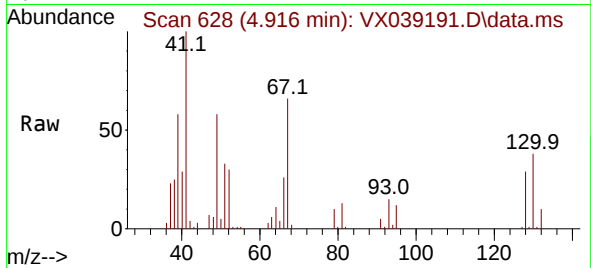
#41
Methacrylonitrile
Concen: 19.243 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 41 Resp: 3284
Ion Ratio Lower Upper
41 100
39 54.7 45.2 67.8
67 68.9 52.6 78.8
52 30.6 22.7 34.1

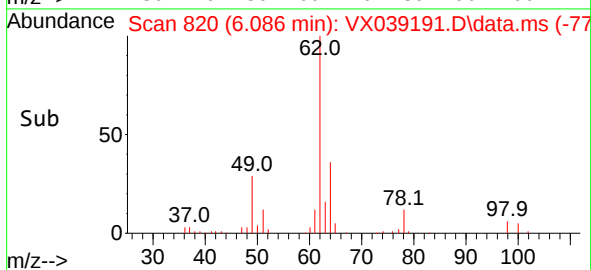
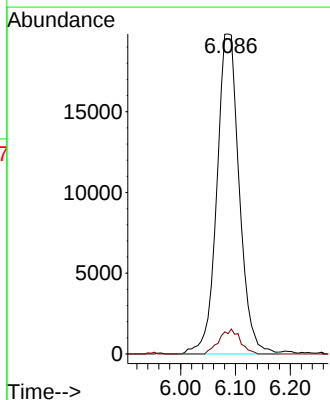
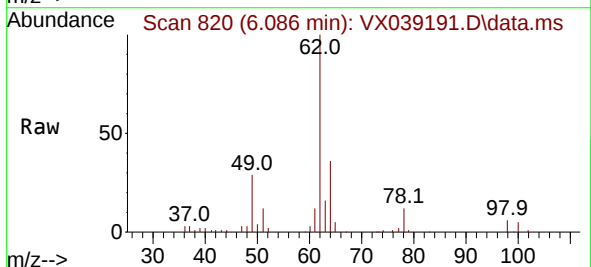
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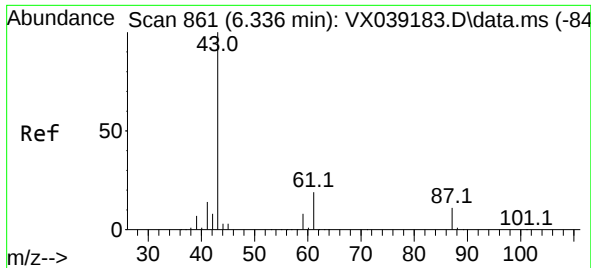
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#42
1,2-Dichloroethane
Concen: 19.012 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion: 62 Resp: 56373
Ion Ratio Lower Upper
62 100
98 7.2 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.092 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

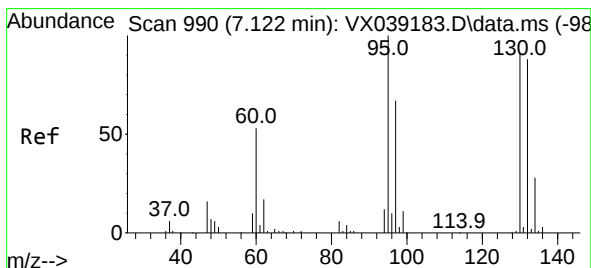
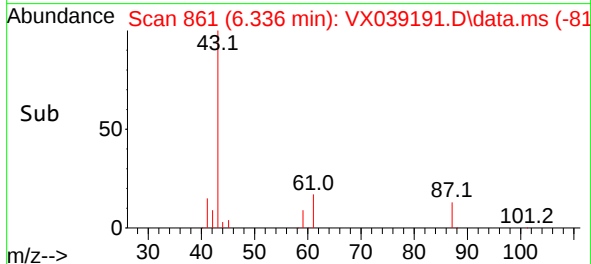
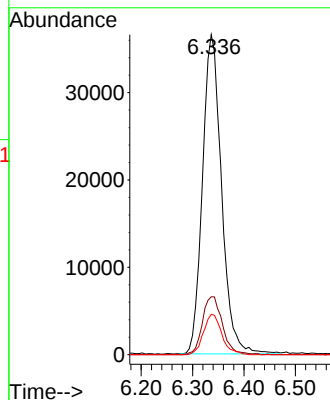
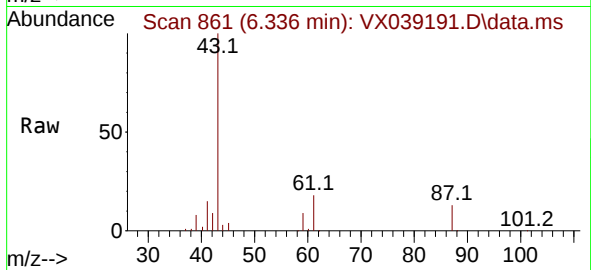
Tgt Ion: 43	Resp: 9412
Ion Ratio	Lower Upper
43 100	
61 19.0	15.2 22.8
87 12.1	9.8 14.6

Manual Integrations

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#44

Trichloroethene

Concen: 18.169 ug/l

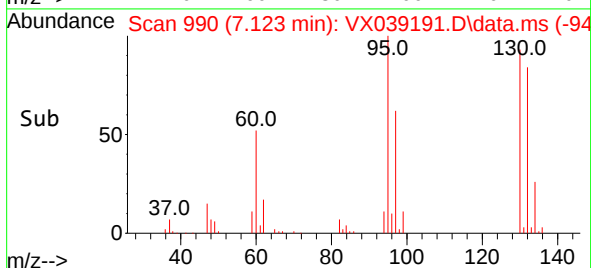
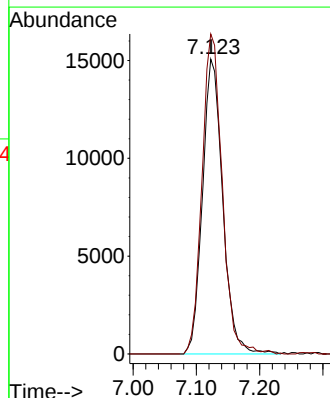
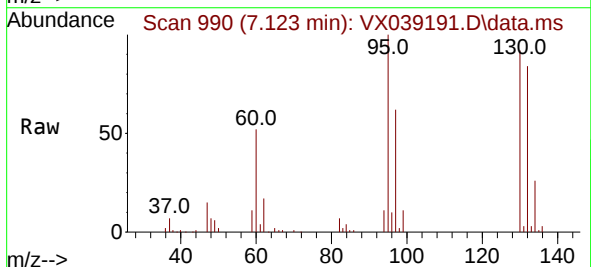
RT: 7.123 min Scan# 990

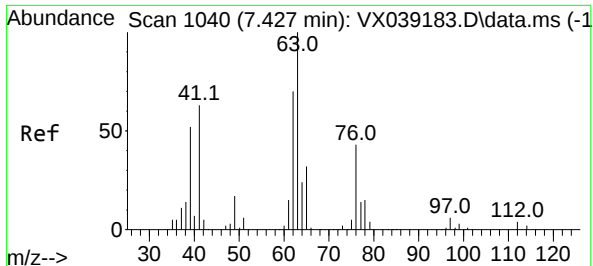
Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Tgt Ion:130	Resp: 33584
Ion Ratio	Lower Upper
130 100	
95 108.5	0.0 204.4





#45

1,2-Dichloropropane

Concen: 18.912 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 63 Resp: 37180

Ion Ratio Lower Upper

63 100

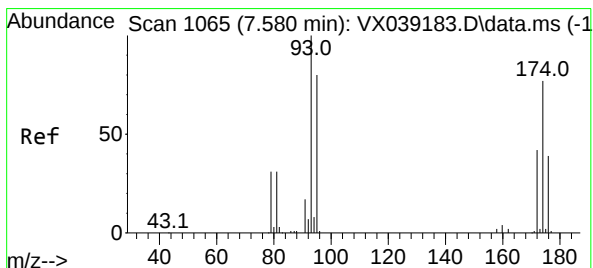
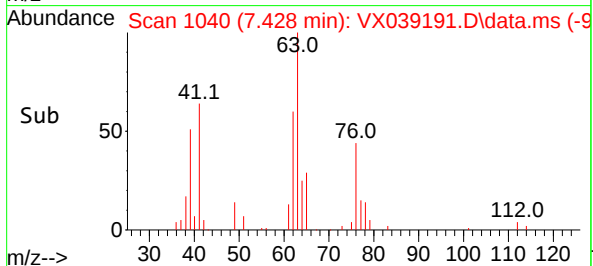
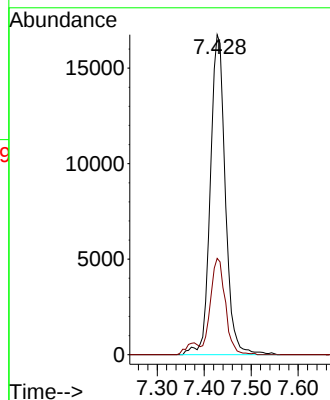
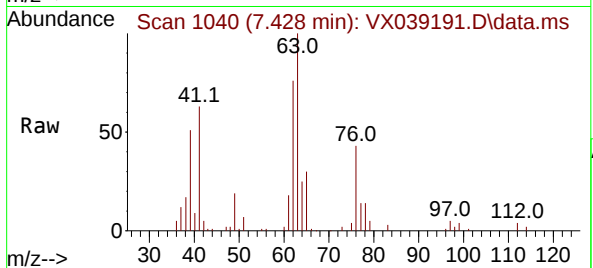
65 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#46

Dibromomethane

Concen: 19.180 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

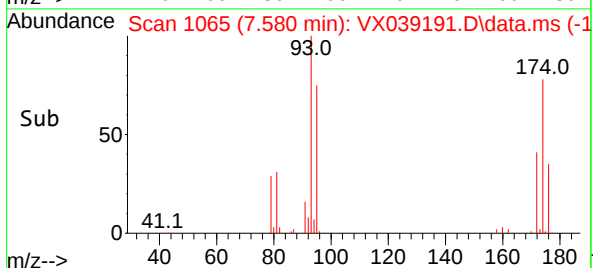
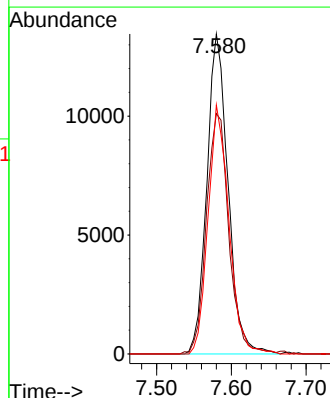
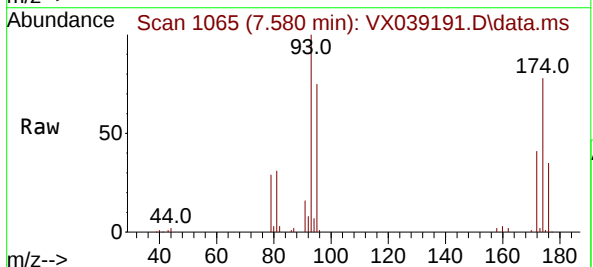
Tgt Ion: 93 Resp: 26506

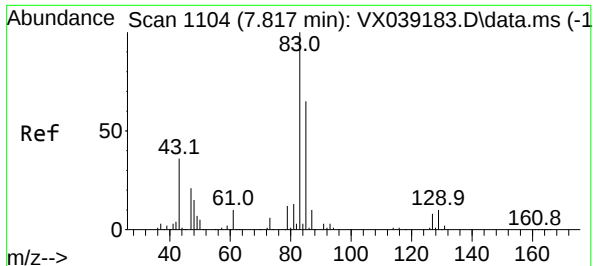
Ion Ratio Lower Upper

93 100

95 79.4 66.6 100.0

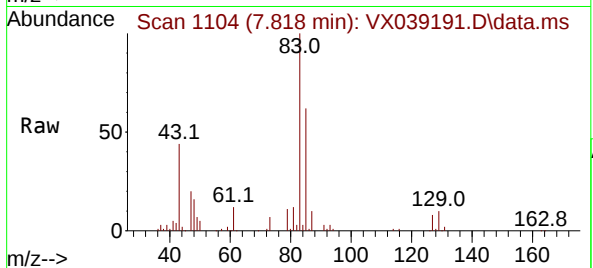
174 76.7 69.4 104.0





#47
Bromodichloromethane
Concen: 18.788 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

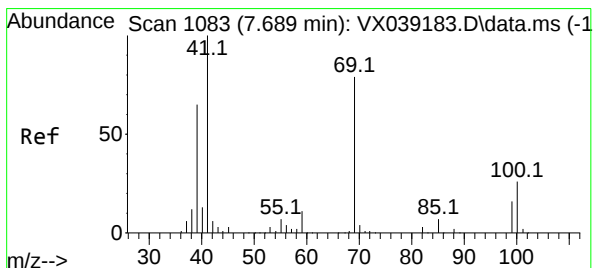
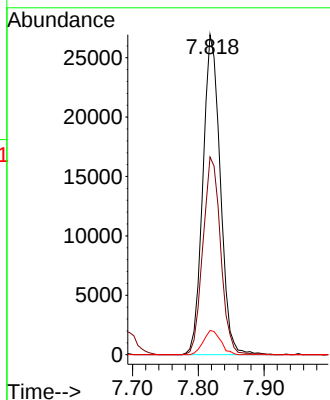
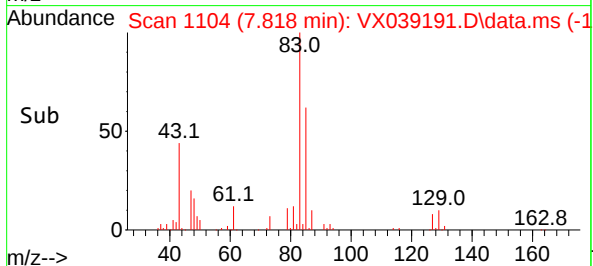
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



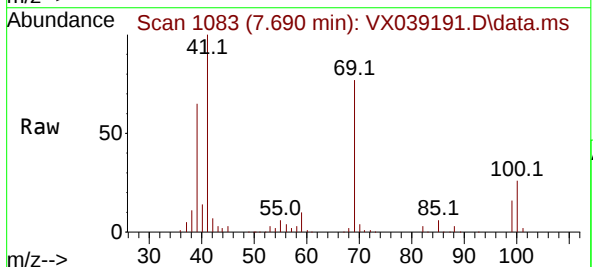
Tgt Ion: 83 Resp: 49644
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.6
127 7.5 7.1 10.7

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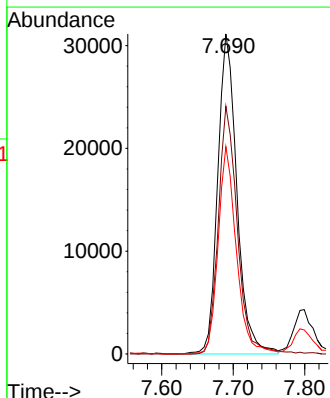
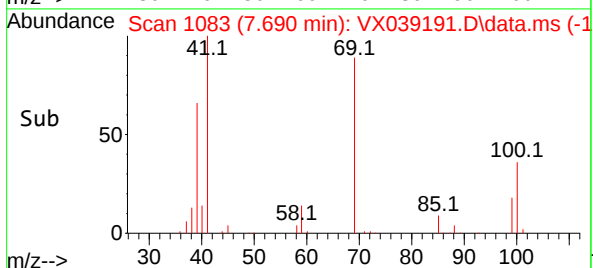
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

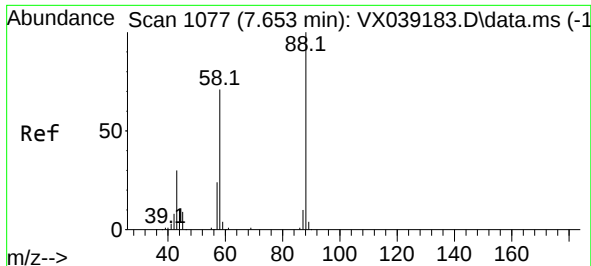


#48
Methyl methacrylate
Concen: 19.053 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56



Tgt Ion: 41 Resp: 57949
Ion Ratio Lower Upper
41 100
69 77.1 59.2 88.8
39 61.7 47.7 71.5





#49

1,4-Dioxane

Concen: 389.151 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

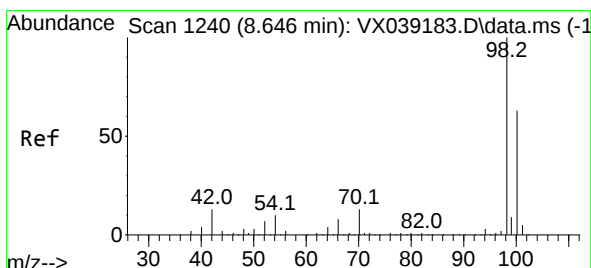
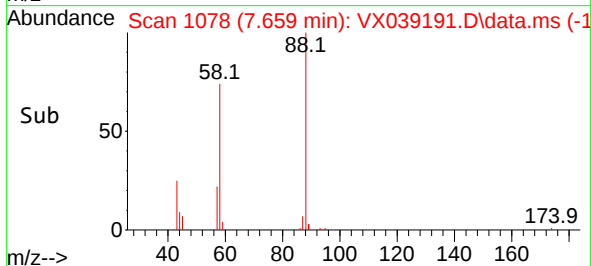
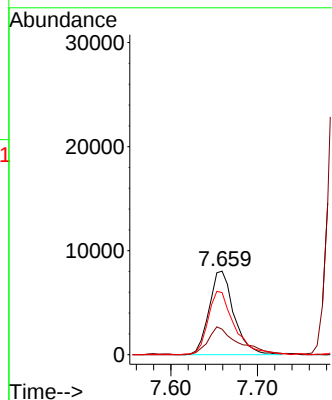
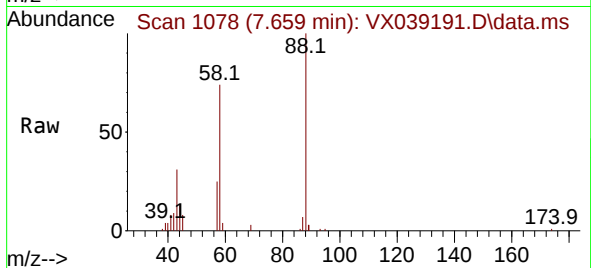
Tgt Ion: 88 Resp: 15954
 Ion Ratio Lower Upper
 88 100
 43 40.8 0.0 0.0
 58 80.0 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#50

Toluene-d8

Concen: 52.747 ug/l

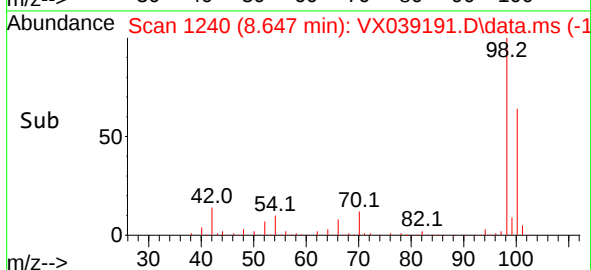
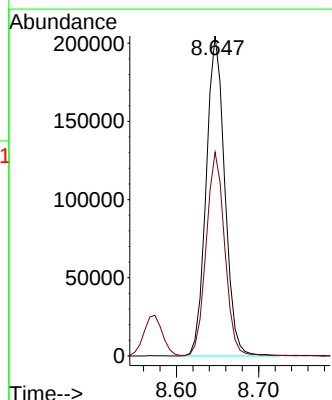
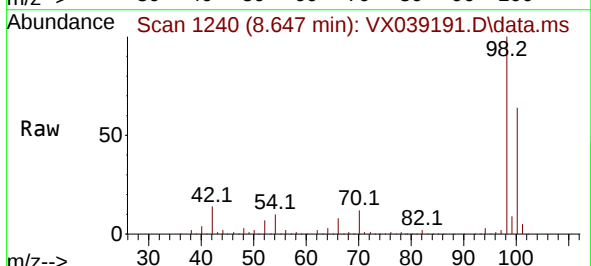
RT: 8.647 min Scan# 1240

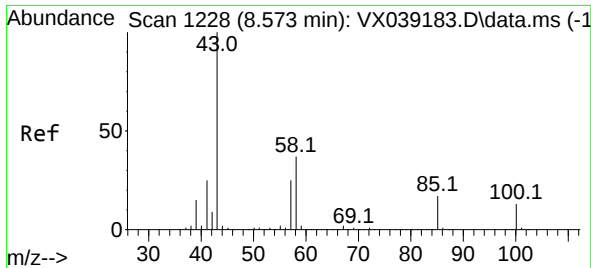
Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Tgt Ion: 98 Resp: 321343
 Ion Ratio Lower Upper
 98 100
 100 63.3 53.1 79.7





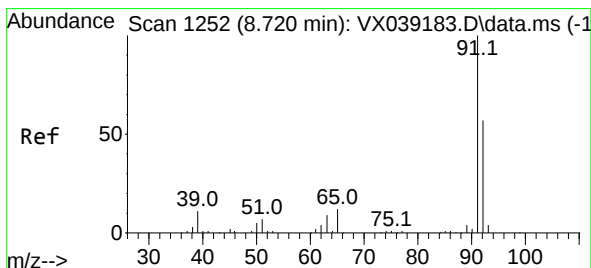
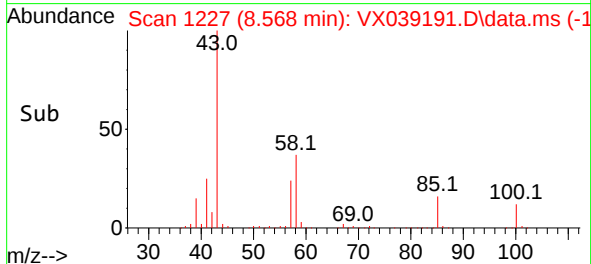
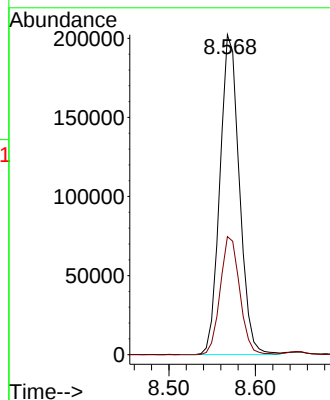
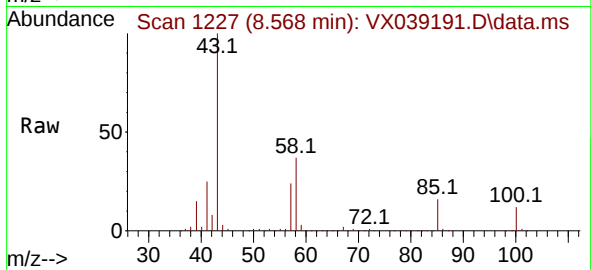
#51
4-Methyl-2-Pentanone
Concen: 95.282 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 43 Resp: 31583
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

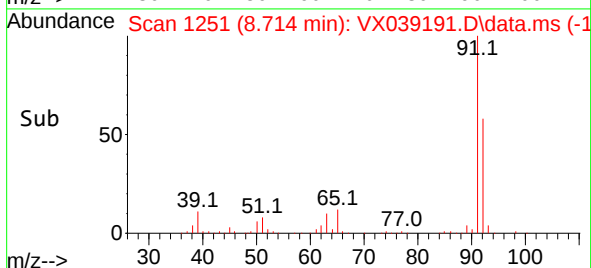
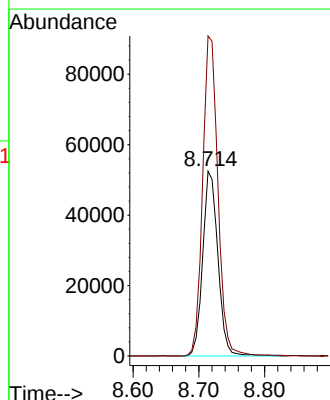
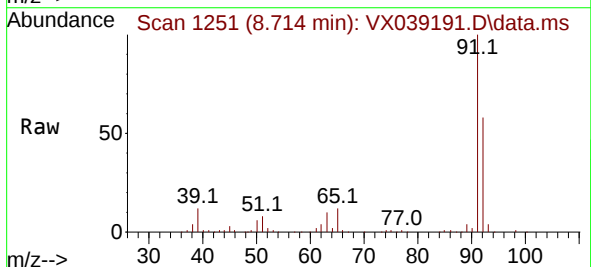
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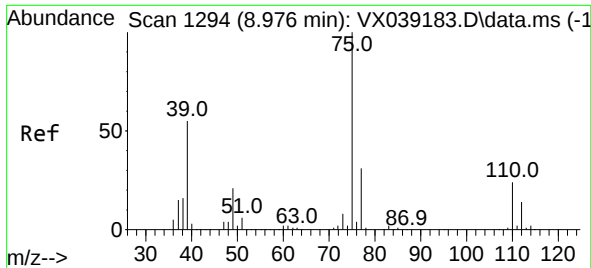
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#52
Toluene
Concen: 19.038 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion: 92 Resp: 84171
Ion Ratio Lower Upper
92 100
91 174.7 134.2 201.2





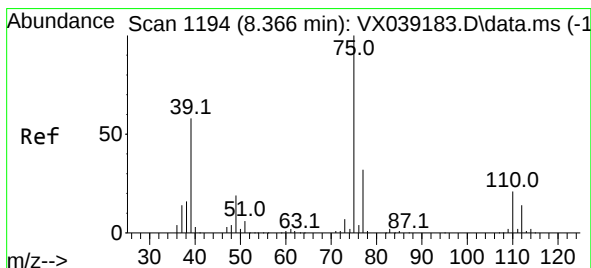
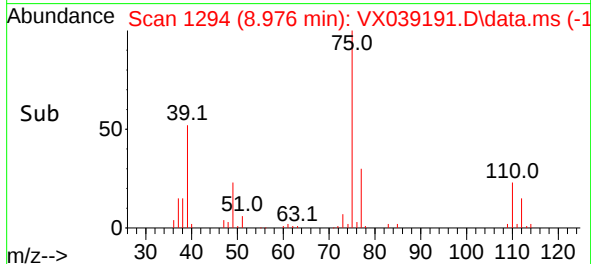
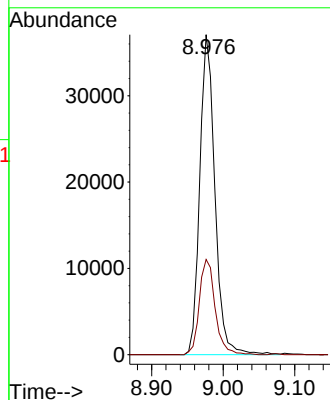
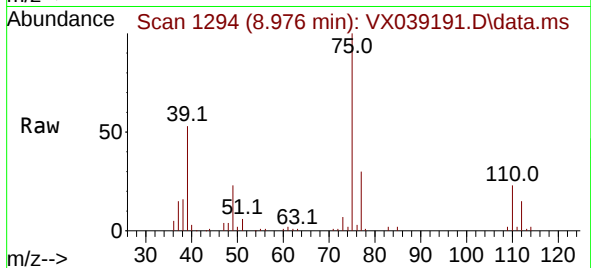
#53
t-1,3-Dichloropropene
Concen: 18.691 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 75 Resp: 5437
Ion Ratio Lower Upper
75 100
77 29.7 25.7 38.5

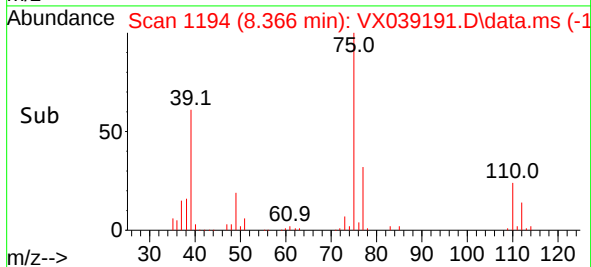
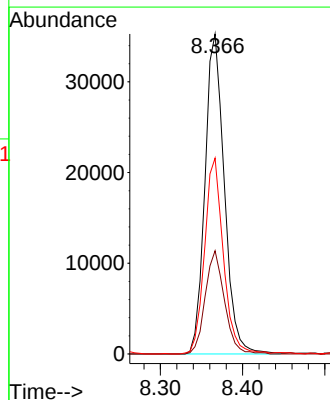
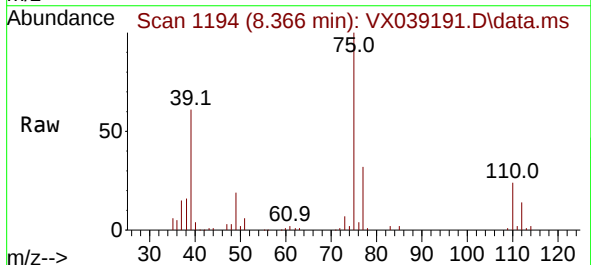
Manual Integrations
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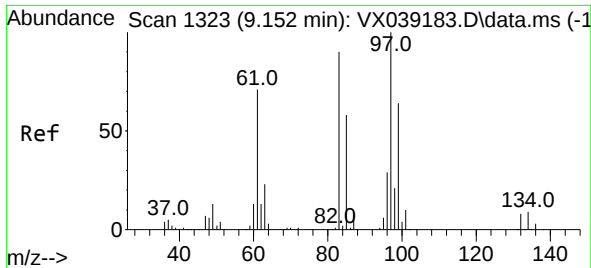
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#54
cis-1,3-Dichloropropene
Concen: 18.469 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

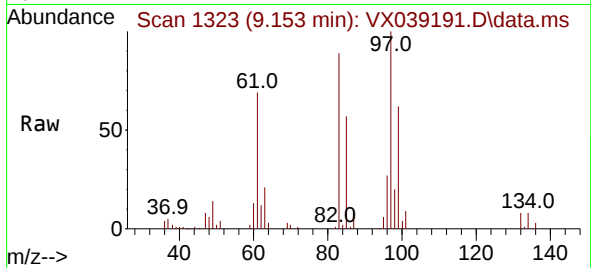
Tgt Ion: 75 Resp: 57809
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 61.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 18.664 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

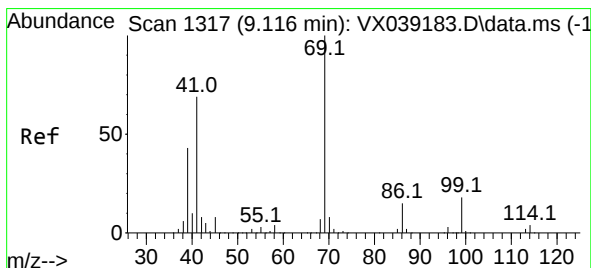
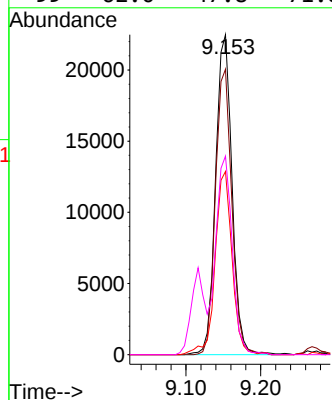
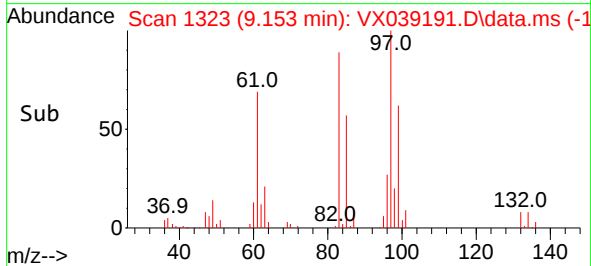
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



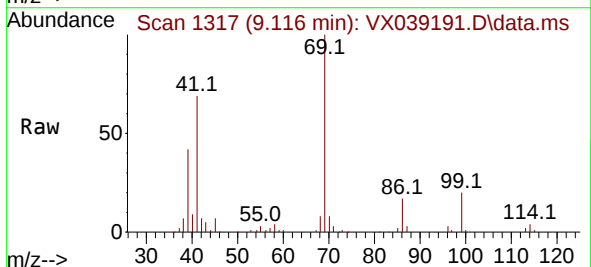
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.2	65.8	98.8
85	57.3	41.6	62.4
99	62.0	47.8	71.8

Manual Integrations
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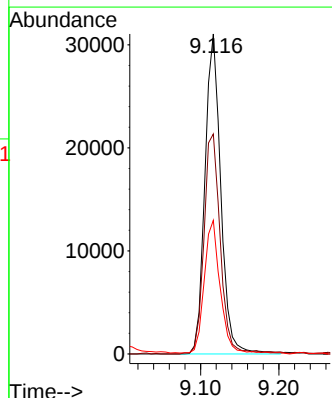
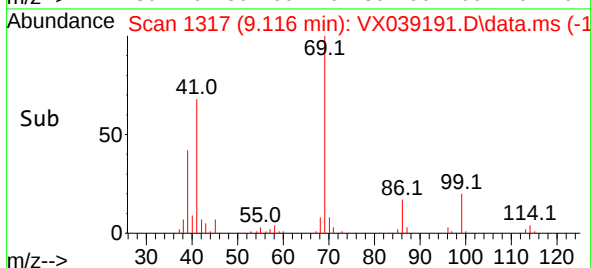
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

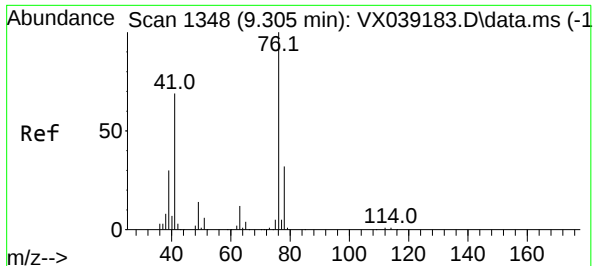


#56
Ethyl methacrylate
Concen: 19.368 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.8	85.2
39	42.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.094 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 76 Resp: 60929

Ion Ratio Lower Upper

76 100

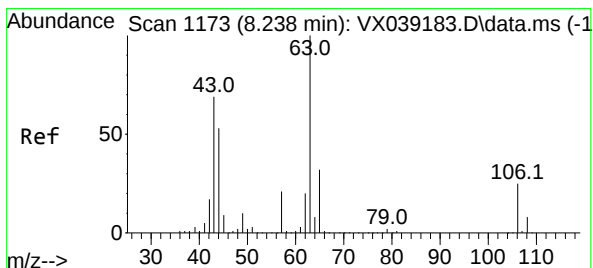
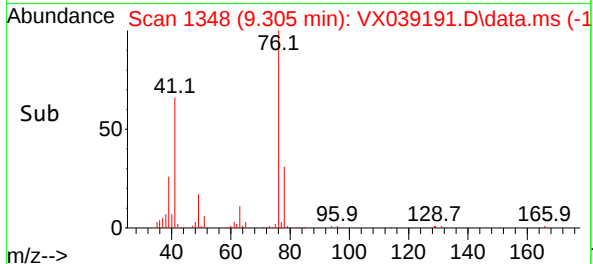
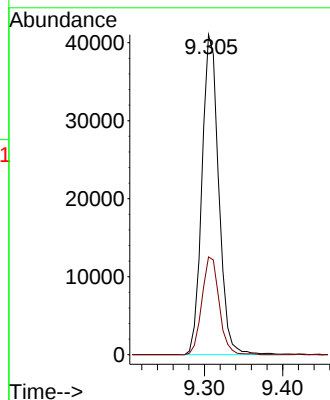
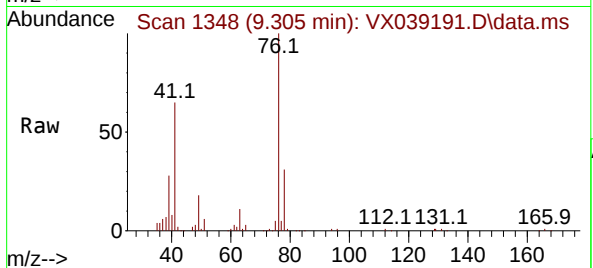
78 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 102.061 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039191.D

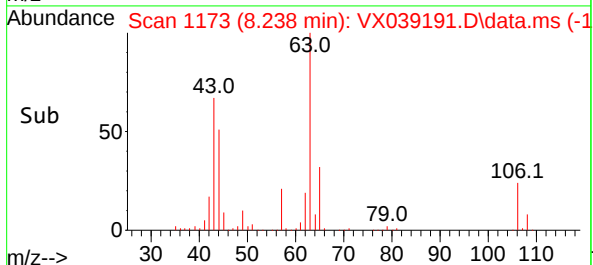
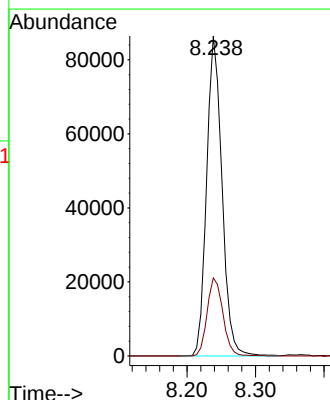
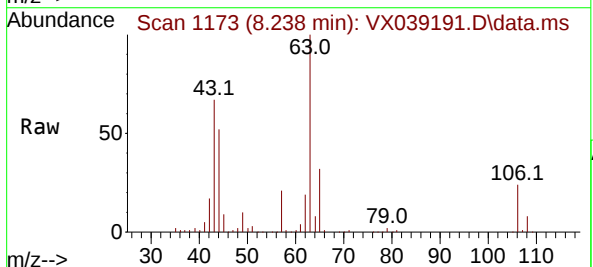
Acq: 13 Dec 2023 15:56

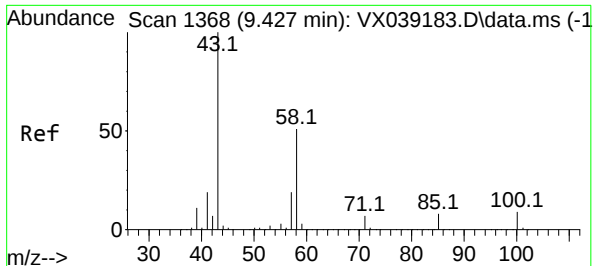
Tgt Ion: 63 Resp: 135035

Ion Ratio Lower Upper

63 100

106 25.0 22.5 33.7





#59

2-Hexanone

Concen: 88.136 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 43 Resp: 25213

Ion Ratio Lower Upper

43 100

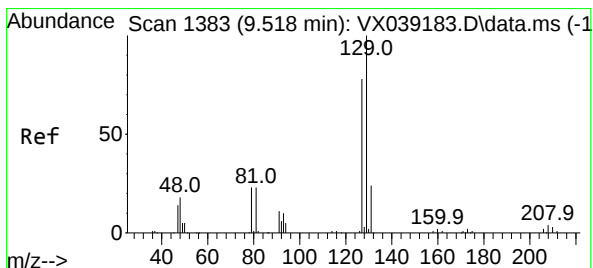
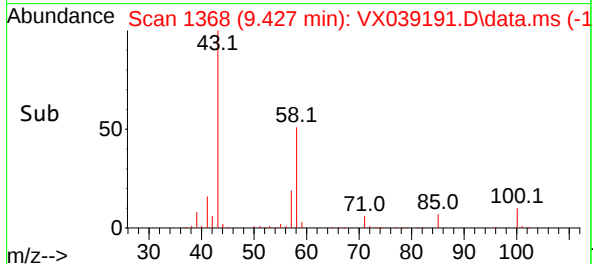
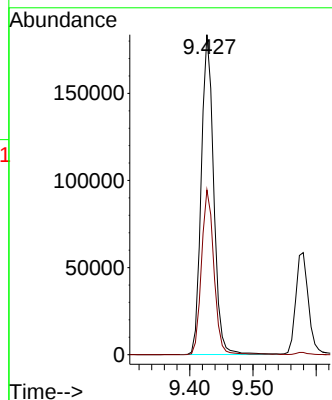
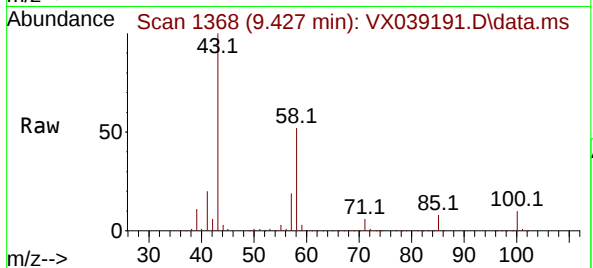
58 51.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#60

Dibromochloromethane

Concen: 18.884 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039191.D

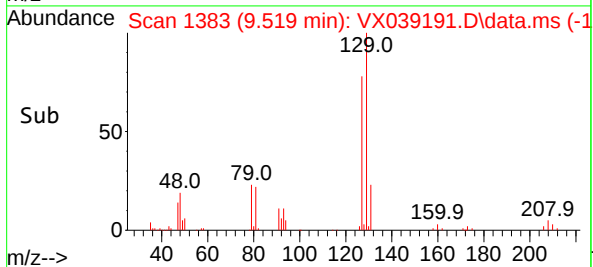
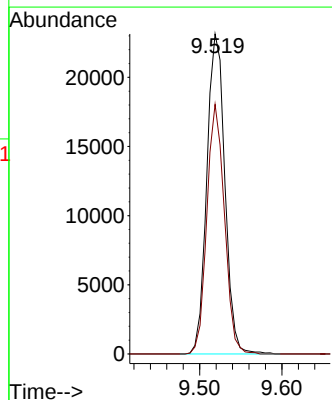
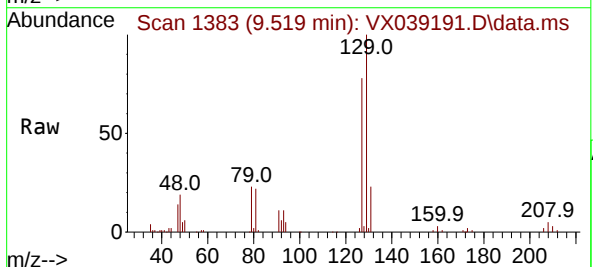
Acq: 13 Dec 2023 15:56

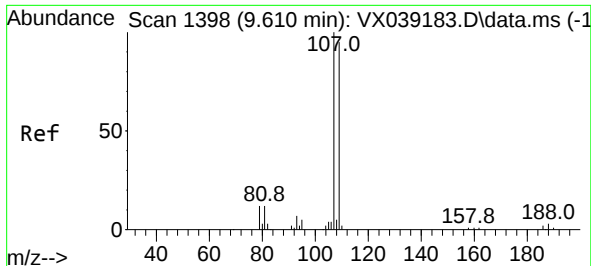
Tgt Ion:129 Resp: 35251

Ion Ratio Lower Upper

129 100

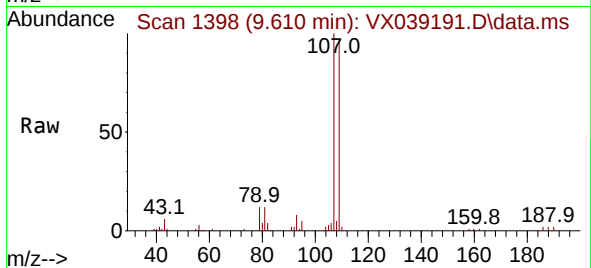
127 75.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.596 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

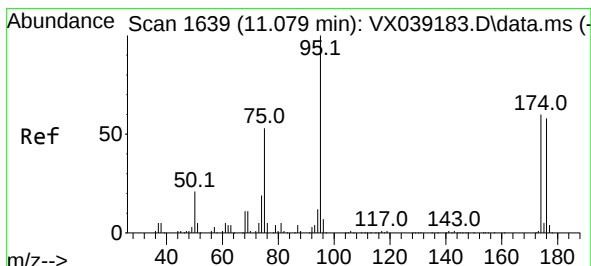
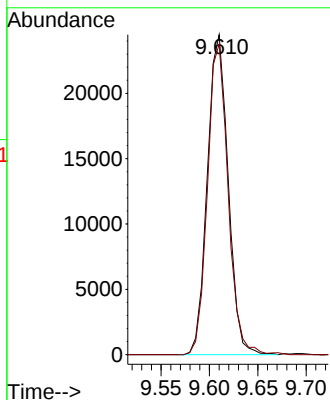
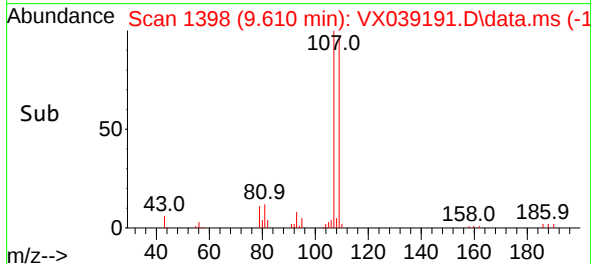
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



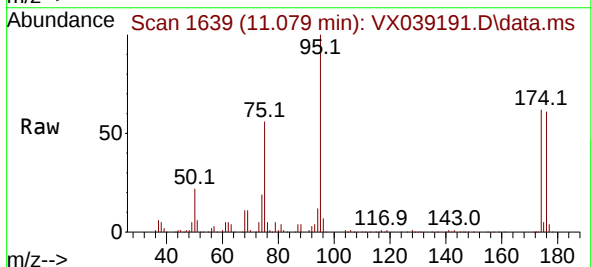
Tgt Ion:107 Resp: 3664
Ion Ratio Lower Upper
107 100
109 96.0 75.2 112.8

Manual Integrations
APPROVED

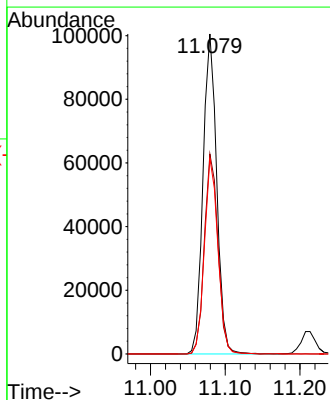
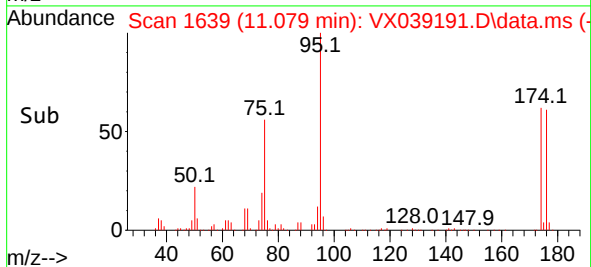
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

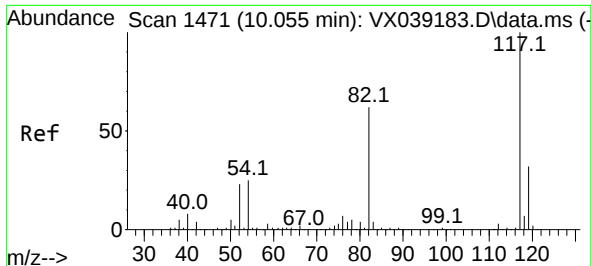


#62
4-Bromofluorobenzene
Concen: 50.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56



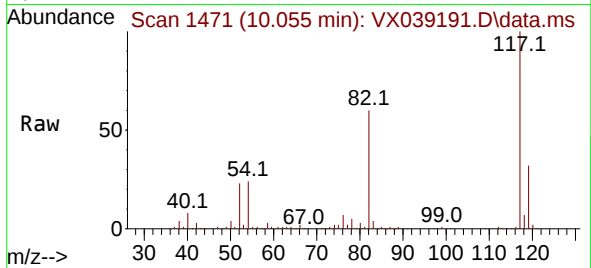
Tgt Ion: 95 Resp: 127677
Ion Ratio Lower Upper
95 100
174 62.3 0.0 135.6
176 60.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

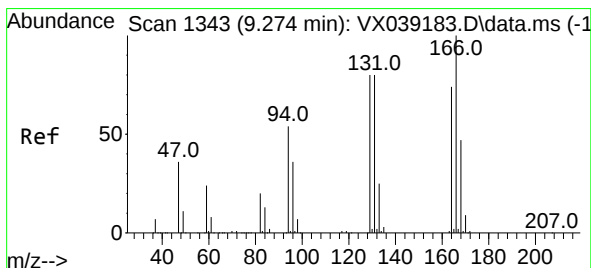
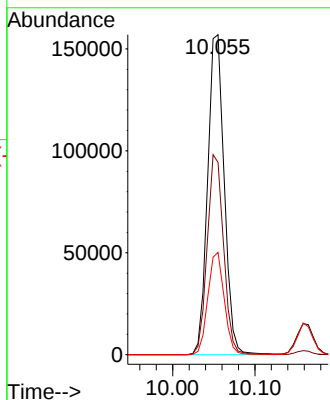
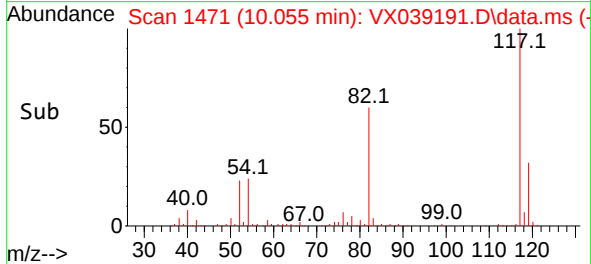
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



Tgt Ion:117 Resp: 220174
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 32.0 25.5 38.3

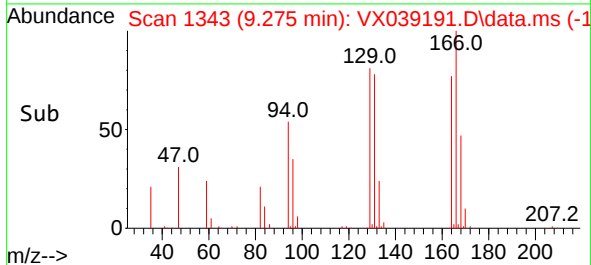
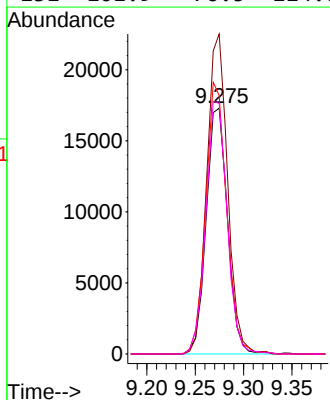
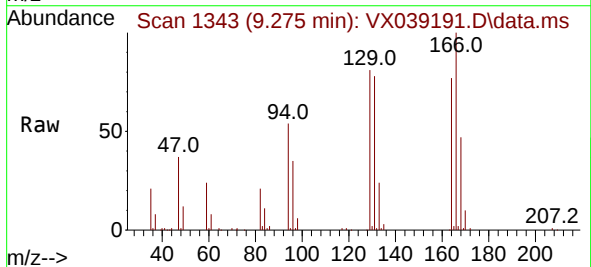
Manual Integrations
APPROVED

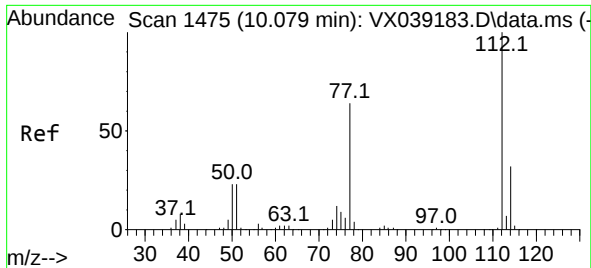
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#64
Tetrachloroethene
Concen: 18.444 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion:164 Resp: 26536
Ion Ratio Lower Upper
164 100
166 130.2 102.7 154.1
129 105.1 80.4 120.6
131 101.9 76.5 114.7





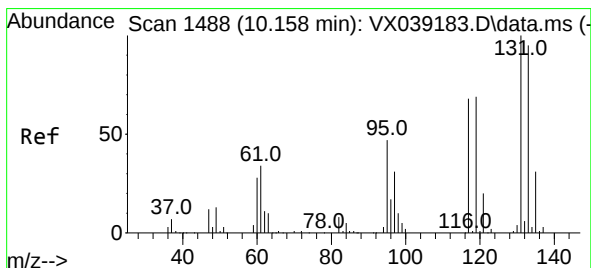
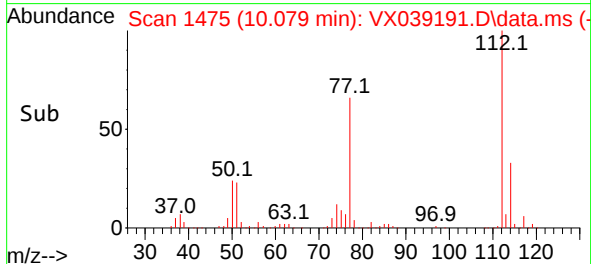
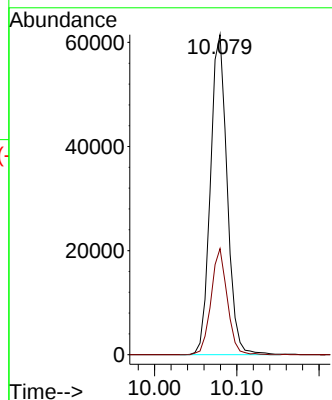
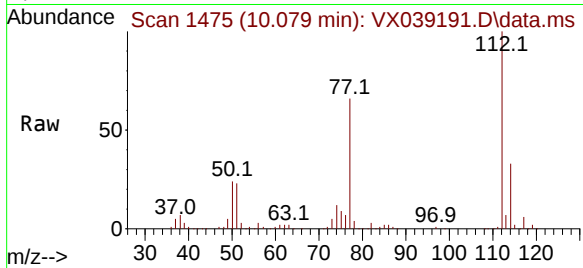
#65
Chlorobenzene
Concen: 18.098 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion:112 Resp: 86972
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5

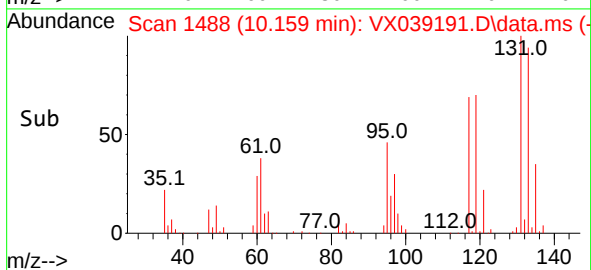
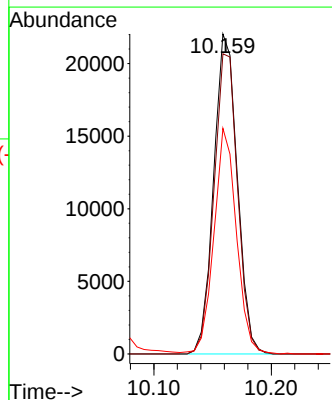
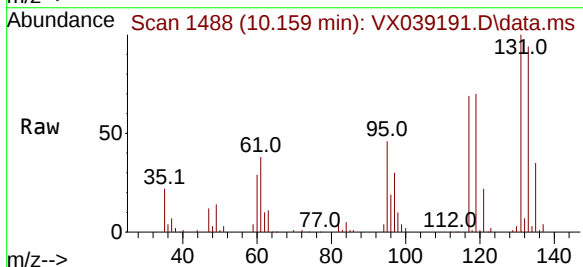
Manual Integrations
APPROVED

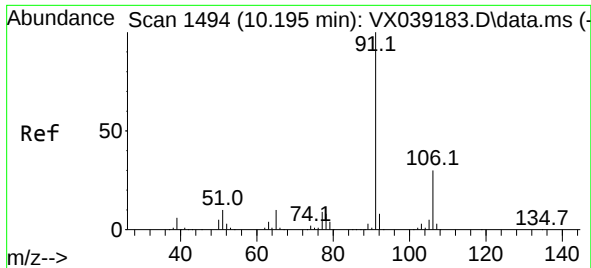
Reviewed By :John Carbone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.093 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

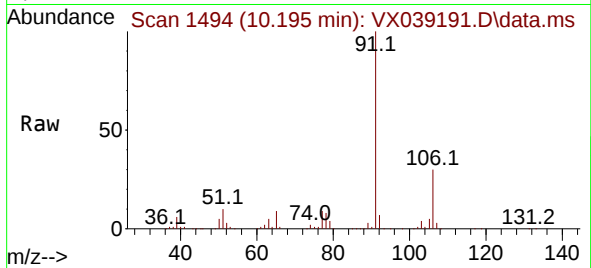
Tgt Ion:131 Resp: 30713
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 67.5 32.2 96.6





#67
Ethyl Benzene
Concen: 18.848 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

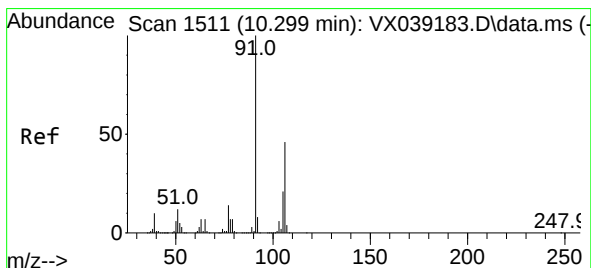
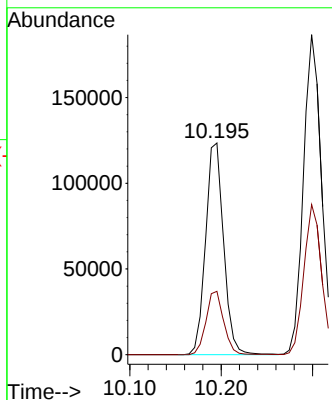
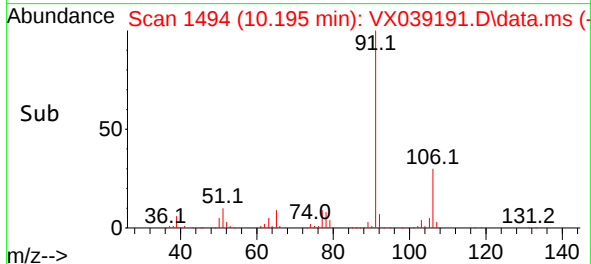
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



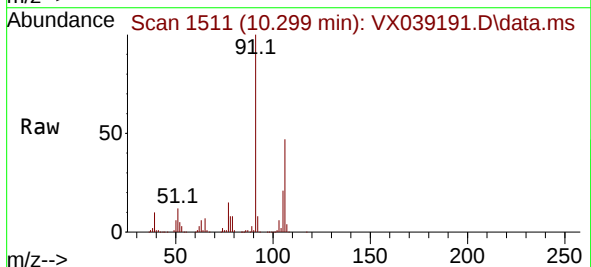
Tgt Ion: 91 Resp: 168610
Ion Ratio Lower Upper
91 100
106 29.9 24.9 37.3

Manual Integrations
APPROVED

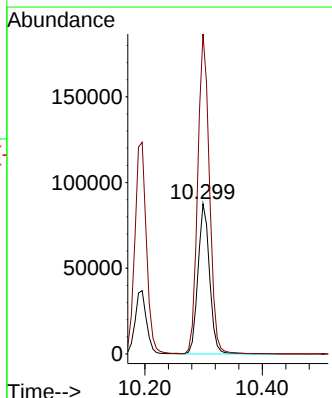
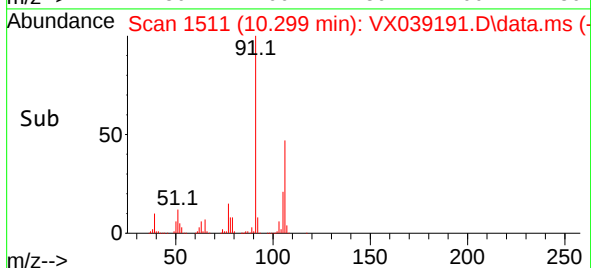
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

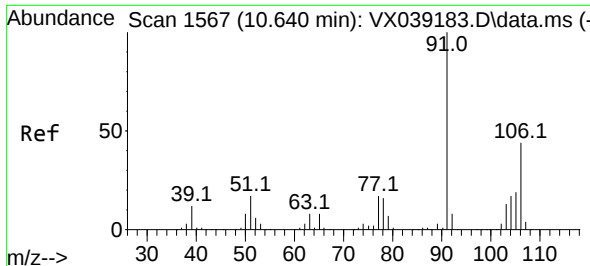


#68
m/p-Xylenes
Concen: 37.374 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56



Tgt Ion:106 Resp: 119872
Ion Ratio Lower Upper
106 100
91 215.8 165.5 248.3





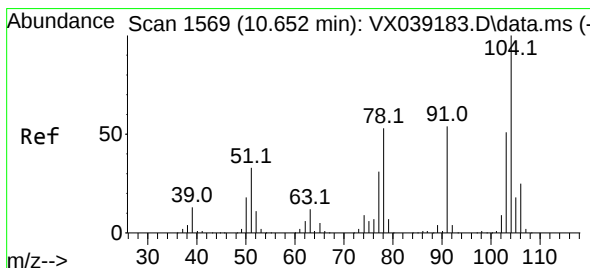
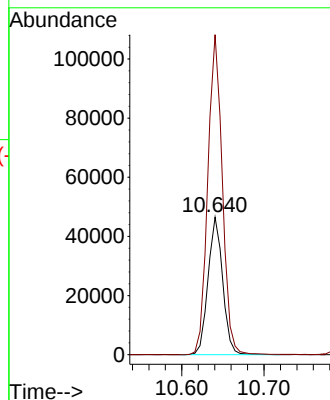
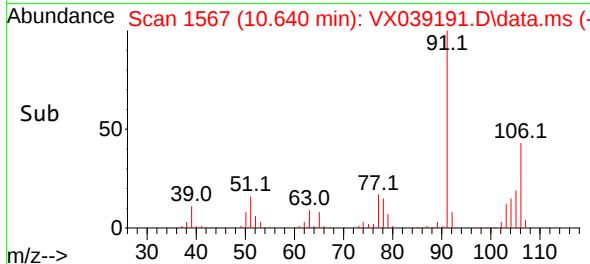
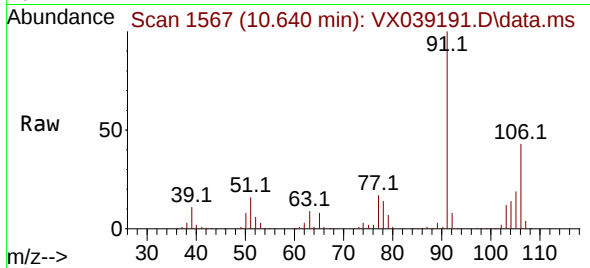
#69
o-Xylene
Concen: 18.546 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion:106 Resp: 5751
Ion Ratio Lower Upper
106 100
91 231.0 108.9 326.8

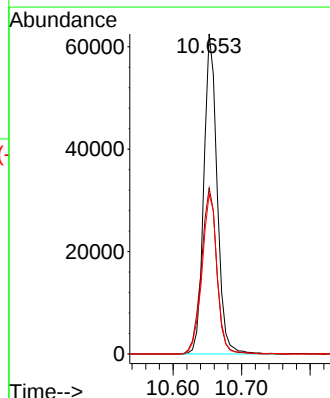
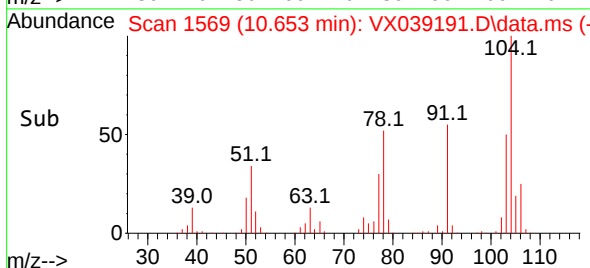
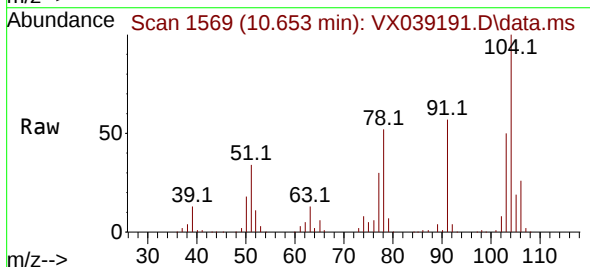
Manual Integrations
APPROVED

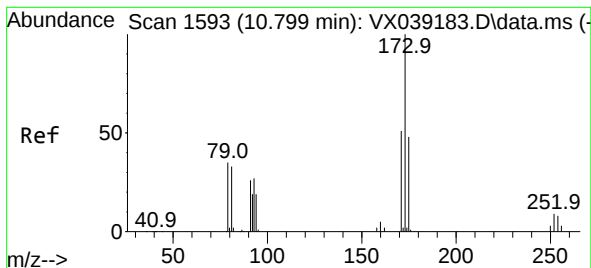
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#70
Styrene
Concen: 18.691 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion:104 Resp: 84736
Ion Ratio Lower Upper
104 100
78 59.5 43.6 65.4
103 56.5 43.6 65.4





#71

Bromoform

Concen: 18.149 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

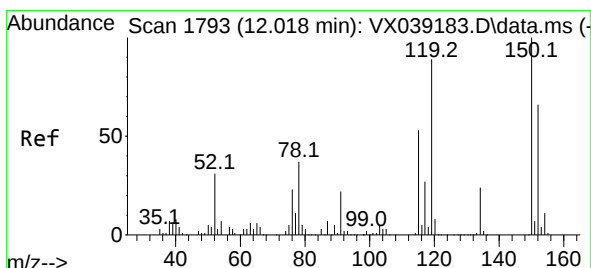
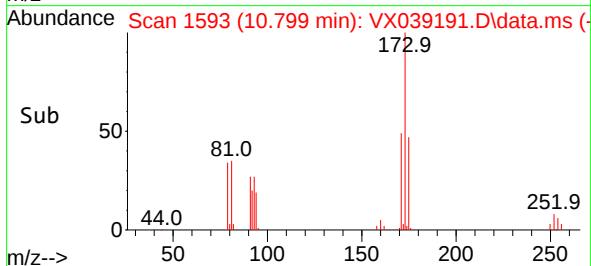
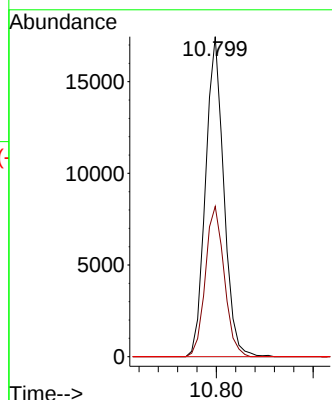
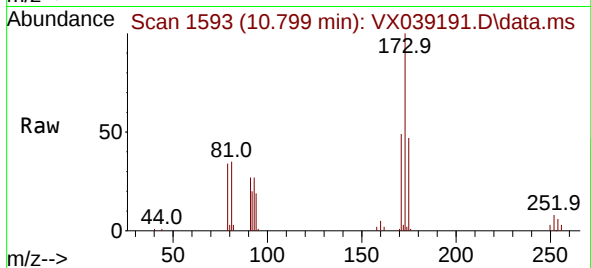
Tgt Ion:173	Resp:	22900
Ion Ratio	Lower	Upper
173	100	
175	48.6	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

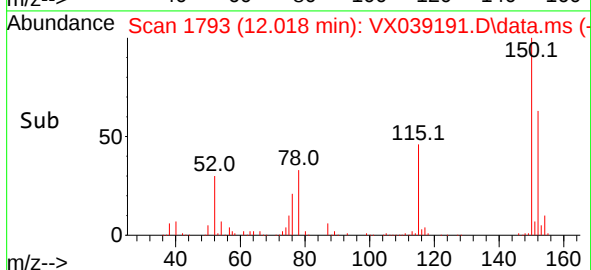
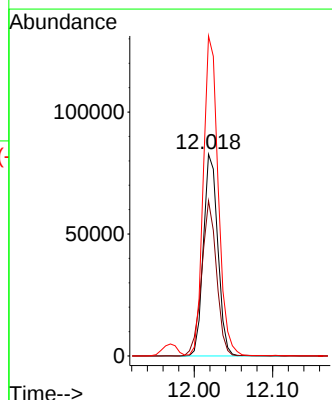
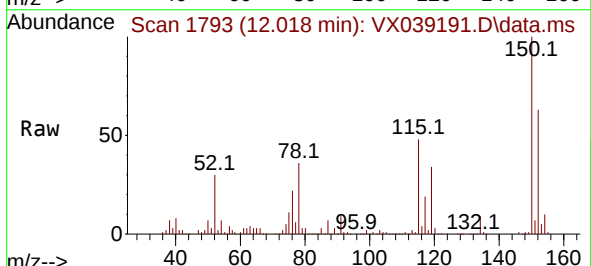
RT: 12.018 min Scan# 1793

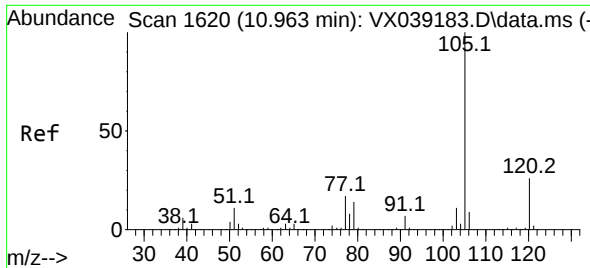
Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Tgt Ion:152	Resp:	105418
Ion Ratio	Lower	Upper
152	100	
115	79.4	43.3 129.9
150	164.1	0.0 345.0





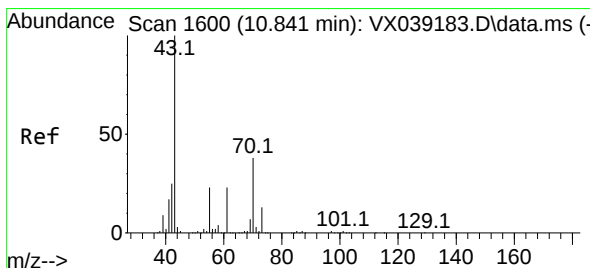
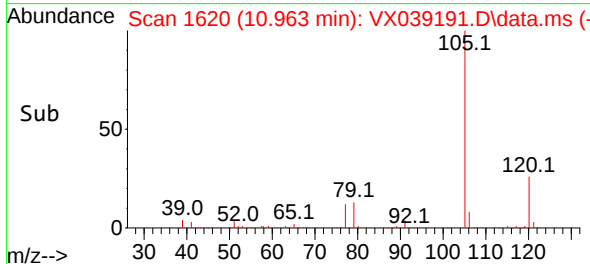
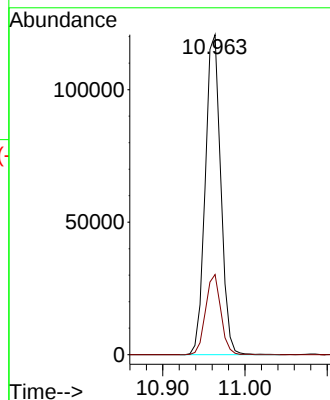
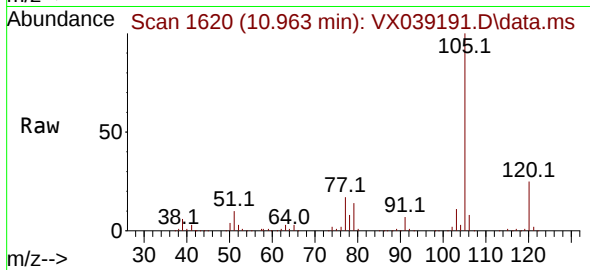
#73
Isopropylbenzene
Concen: 19.402 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion:105 Resp: 15780
Ion Ratio Lower Upper
105 100
120 24.8 12.9 38.6

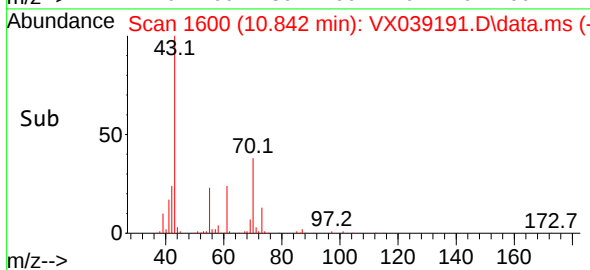
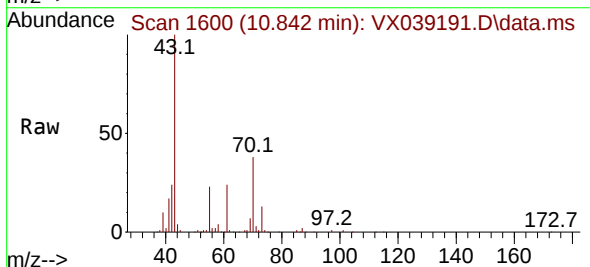
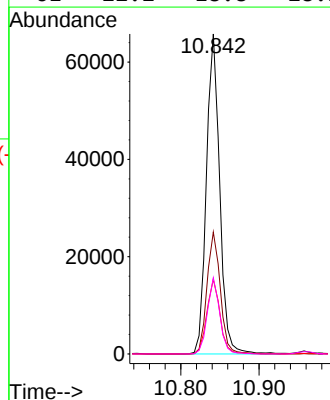
Manual Integrations
APPROVED

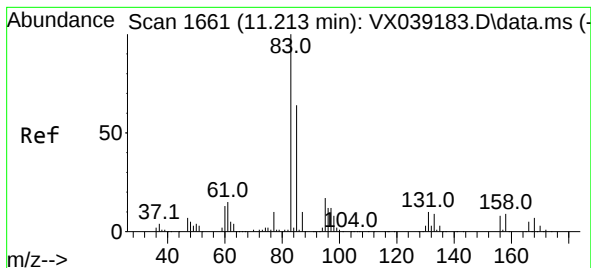
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#74
N-ethyl acetate
Concen: 18.795 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion: 43 Resp: 77343
Ion Ratio Lower Upper
43 100
70 38.3 32.9 49.3
55 23.2 19.3 28.9
61 22.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.173 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

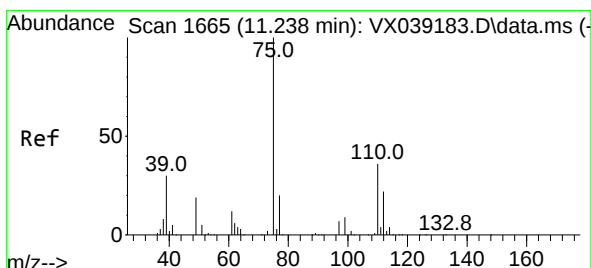
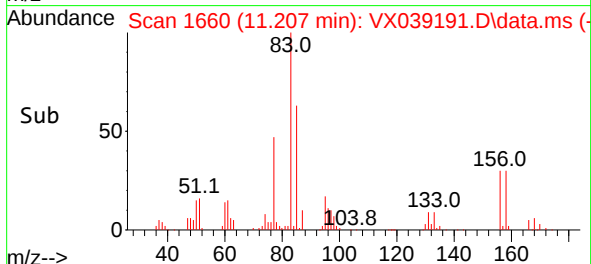
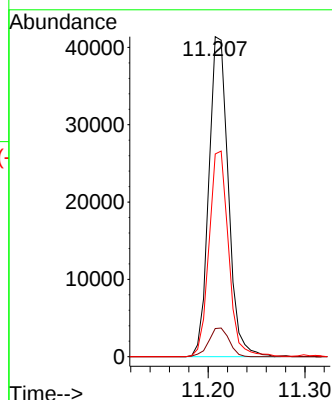
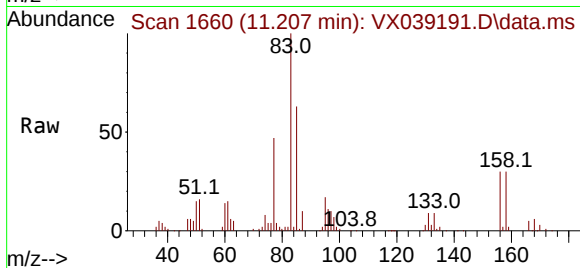
Tgt Ion: 83	Resp: 5801
Ion Ratio	Lower Upper
83 100	
131 9.4	5.3 15.8
85 64.3	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#76

1,2,3-Trichloropropane

Concen: 18.489 ug/l m

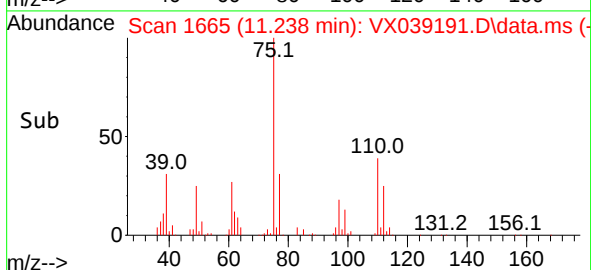
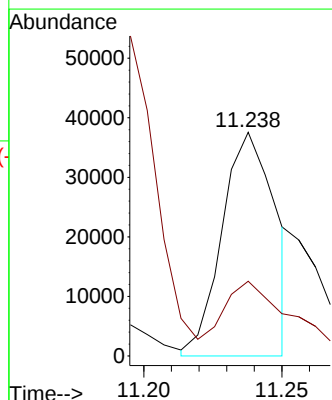
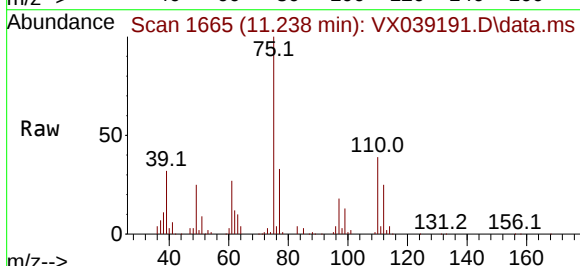
RT: 11.238 min Scan# 1665

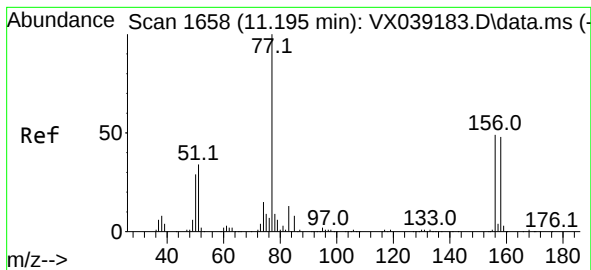
Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Tgt Ion: 75	Resp: 50426
Ion Ratio	Lower Upper
75 100	
77 42.9	19.1 57.5





#77

Bromobenzene

Concen: 18.684 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

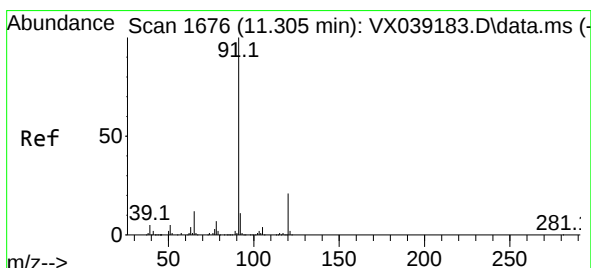
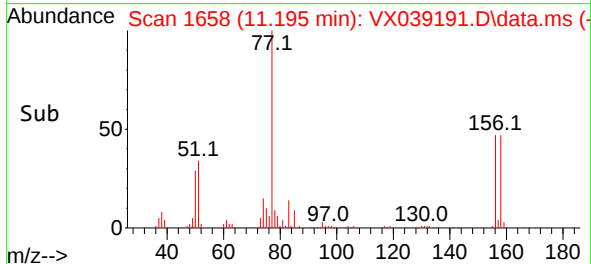
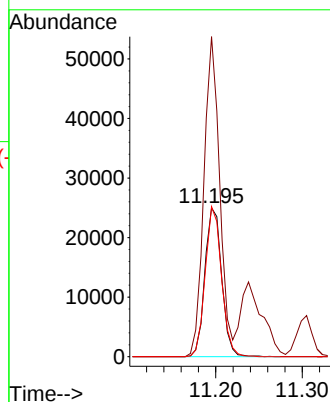
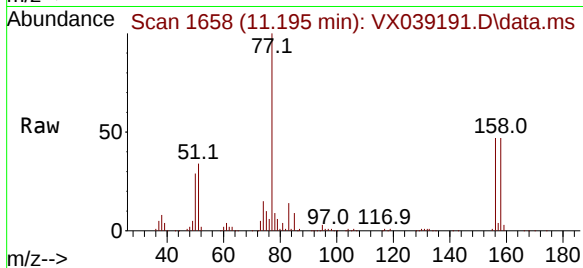
Tgt Ion:	156	Resp:	3360
Ion Ratio	Lower	Upper	
156	100		
77	202.1	88.4	265.3
158	98.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#78

n-propylbenzene

Concen: 19.204 ug/l

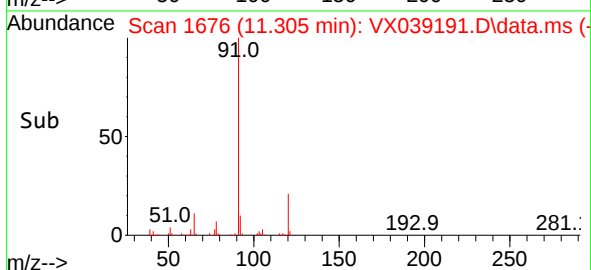
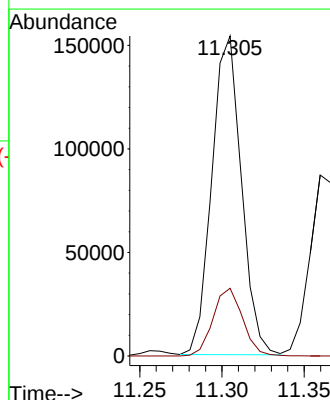
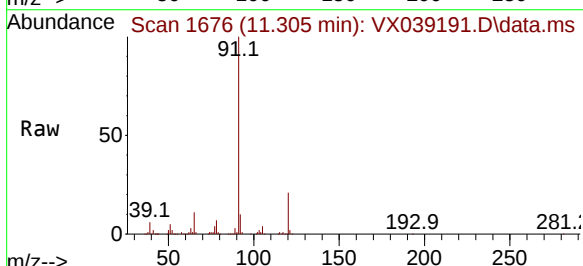
RT: 11.305 min Scan# 1676

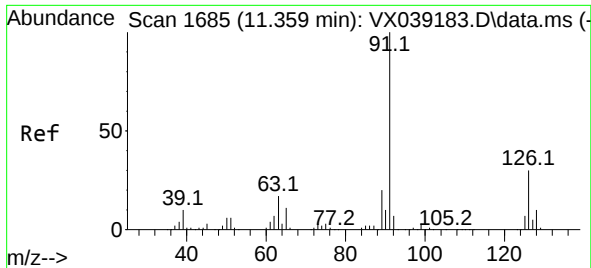
Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Tgt Ion:	91	Resp:	192449
Ion Ratio	Lower	Upper	
91	100		
120	21.3	11.5	34.4





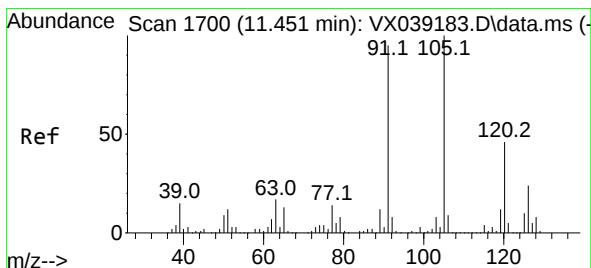
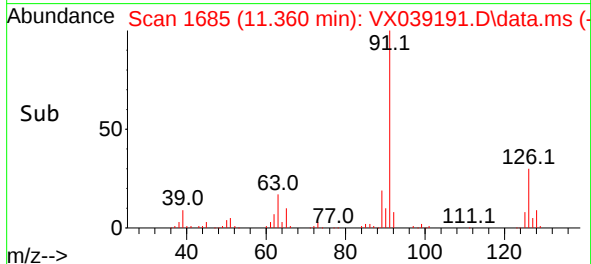
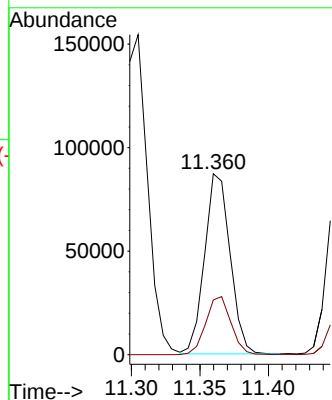
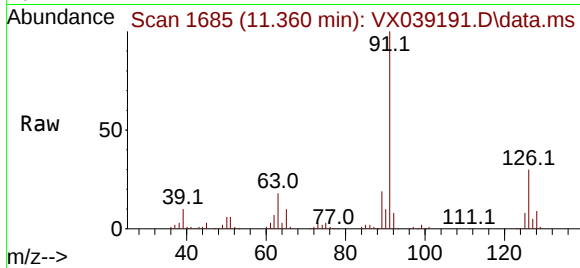
#79
2-Chlorotoluene
Concen: 18.626 ug/l
RT: 11.360 min Scan# 112904
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 91 Resp: 112904
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

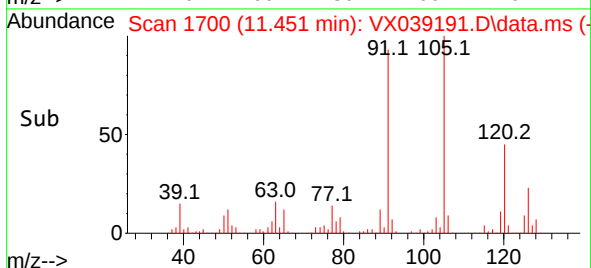
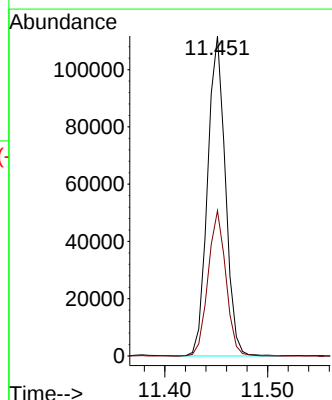
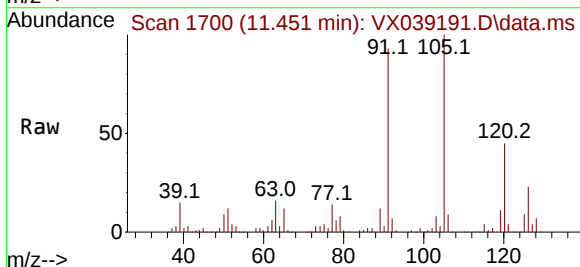
Manual Integrations
APPROVED

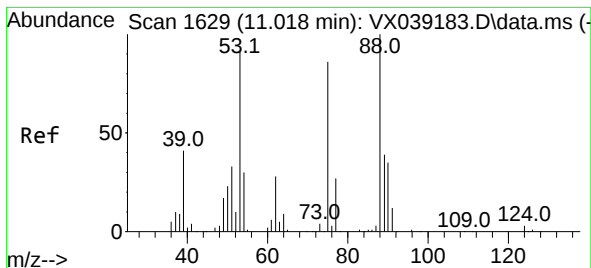
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.431 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion:105 Resp: 134631
Ion Ratio Lower Upper
105 100
120 45.4 24.1 72.3





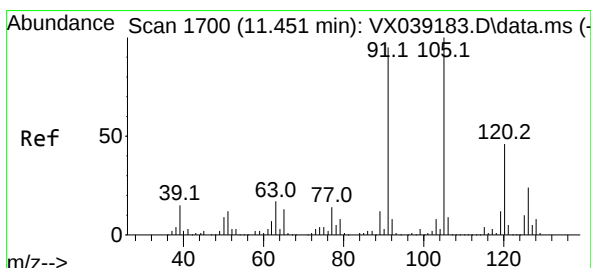
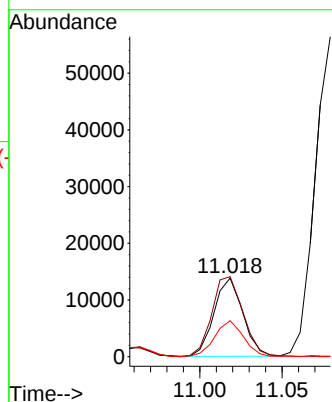
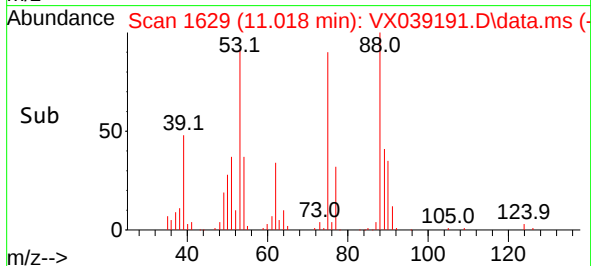
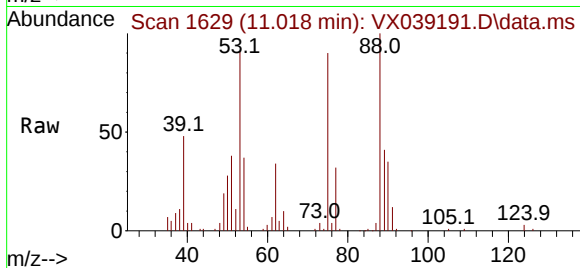
#81
trans-1,4-Dichloro-2-butene
Concen: 17.353 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion: 75 Resp: 1677
Ion Ratio Lower Upper
75 100
53 111.3 90.5 135.7
89 46.3 36.9 55.3

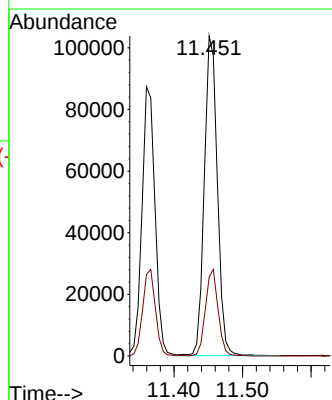
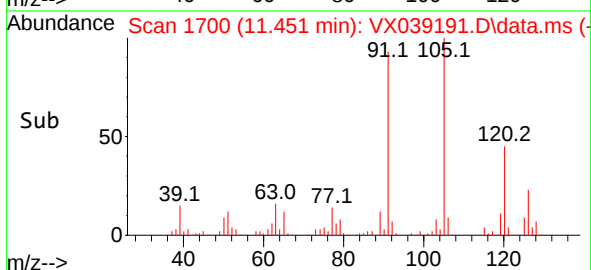
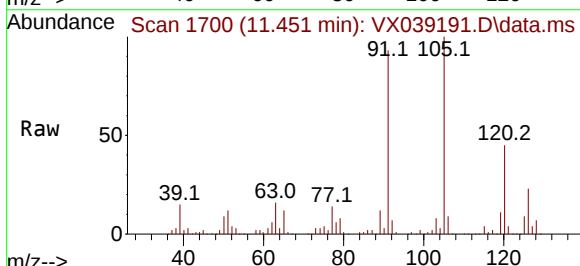
Manual Integrations
APPROVED

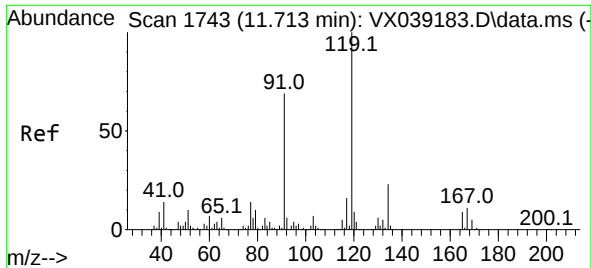
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#82
4-Chlorotoluene
Concen: 19.330 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

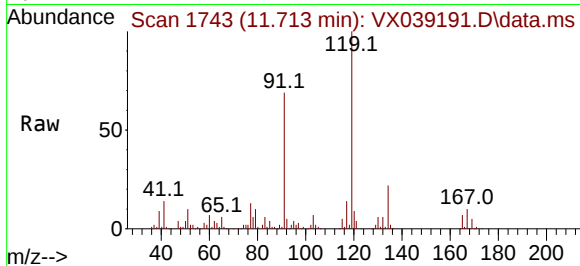
Tgt Ion: 91 Resp: 137617
Ion Ratio Lower Upper
91 100
126 26.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 18.991 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

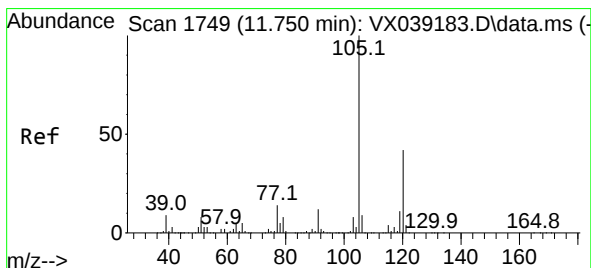
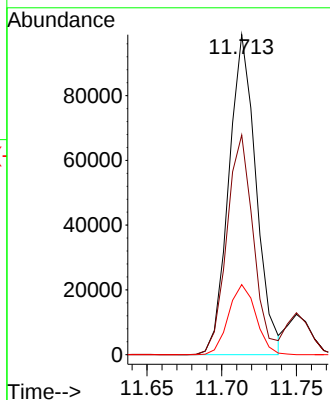
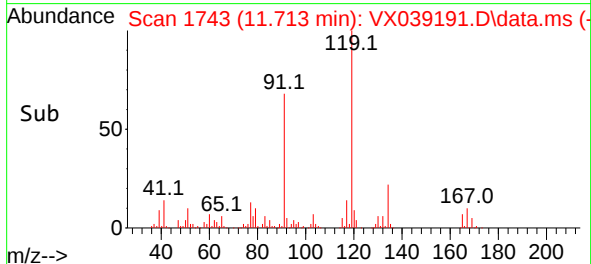
Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01



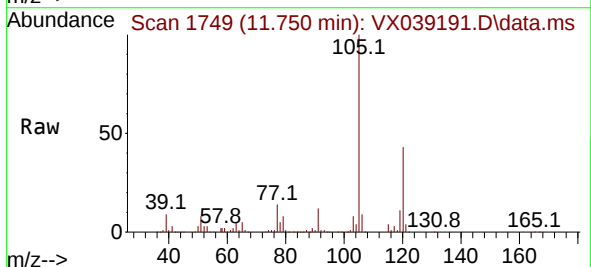
Tgt Ion:119 Resp: 125227
Ion Ratio Lower Upper
119 100
91 67.2 31.2 93.6
134 22.0 11.7 35.0

Manual Integrations
APPROVED

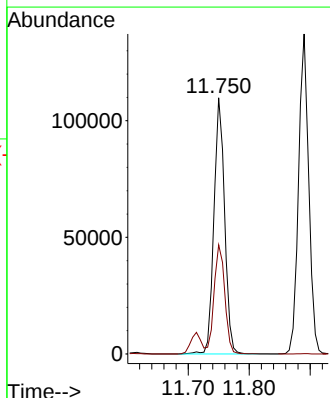
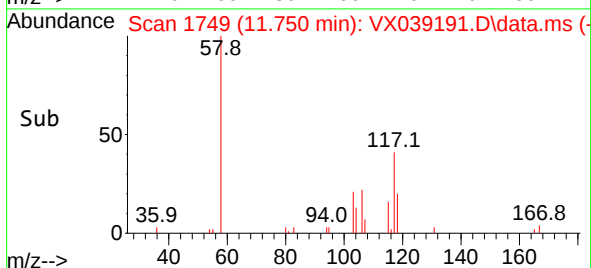
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023

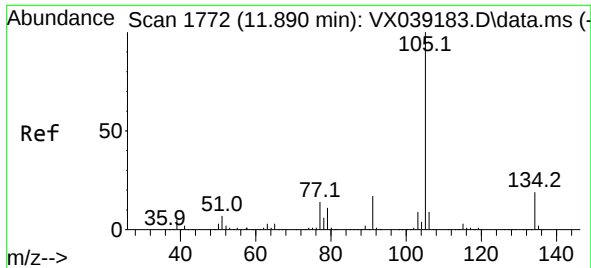


#84
1,2,4-Trimethylbenzene
Concen: 18.807 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56



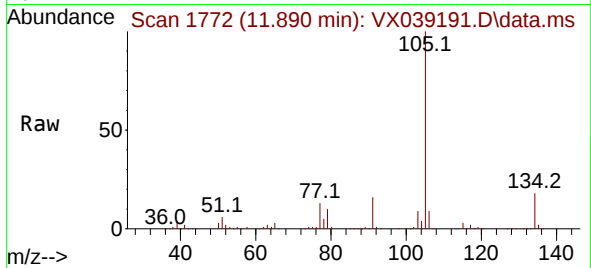
Tgt Ion:105 Resp: 133634
Ion Ratio Lower Upper
105 100
120 42.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.057 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039191.D
 Acq: 13 Dec 2023 15:56

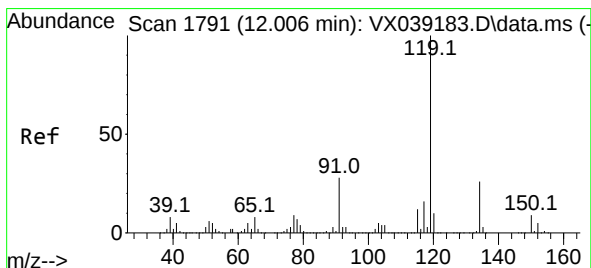
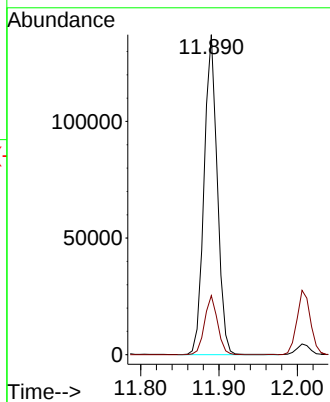
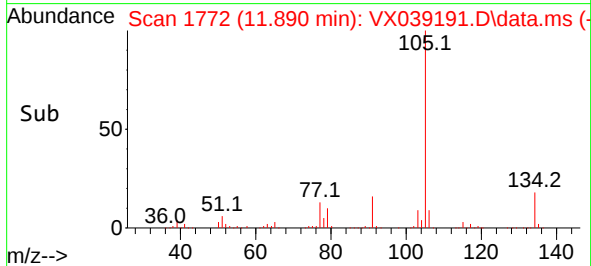
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213WBS01



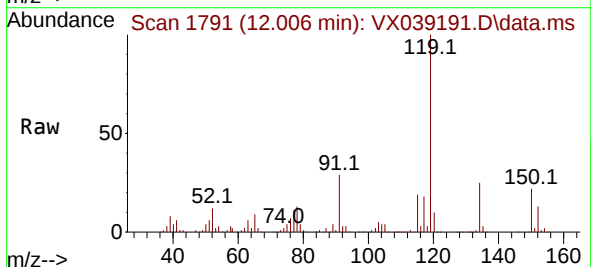
Tgt Ion:105 Resp: 159908
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.8 29.4

Manual Integrations
 APPROVED

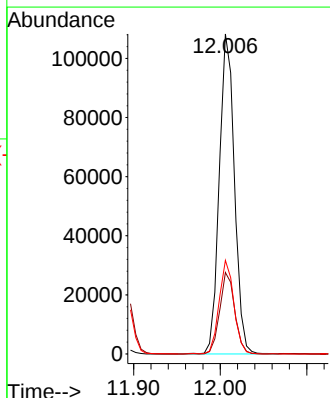
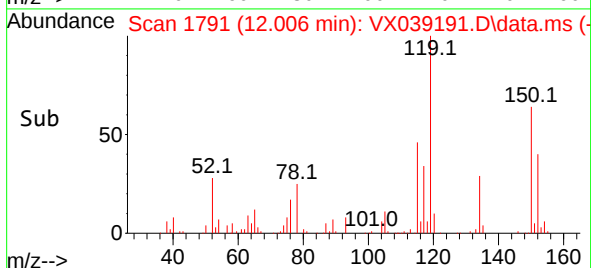
Reviewed By :John Carlone 12/14/2023
 Supervised By :Mahesh Dadoda 12/14/2023

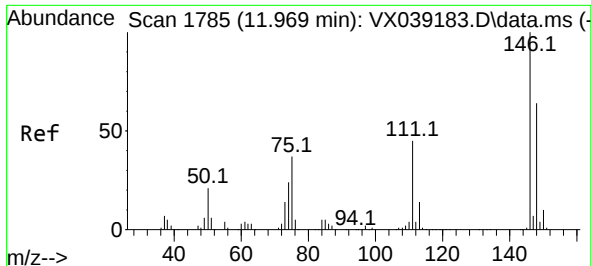


#86
 p-Isopropyltoluene
 Concen: 18.695 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039191.D
 Acq: 13 Dec 2023 15:56



Tgt Ion:119 Resp: 131651
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.3
 91 28.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.879 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

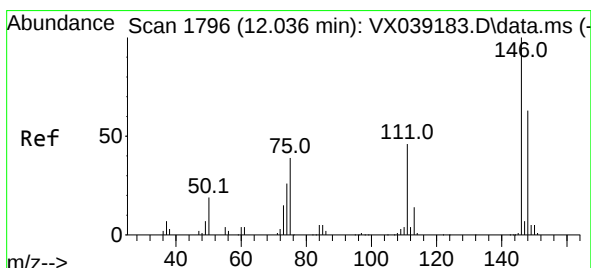
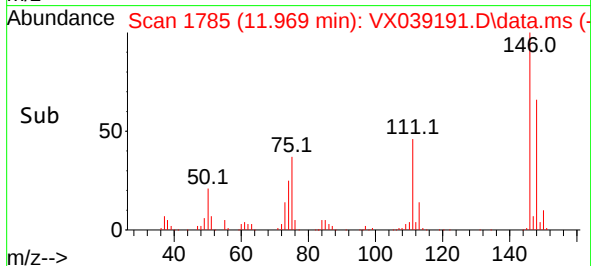
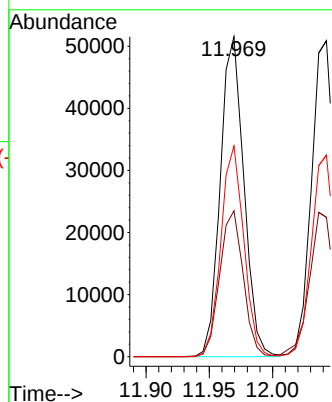
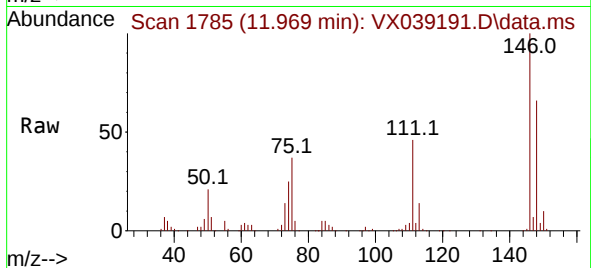
Tgt Ion:146	Resp:	6670
Ion Ratio	Lower	Upper
146	100	
111	45.5	22.1 66.1
148	64.1	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#88

1,4-Dichlorobenzene

Concen: 18.286 ug/l

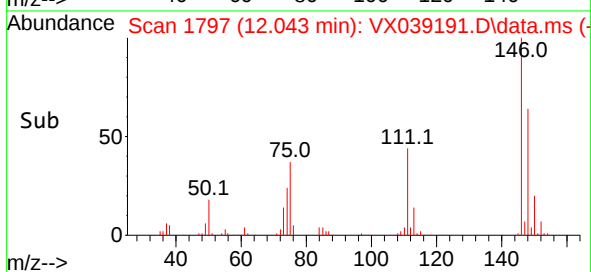
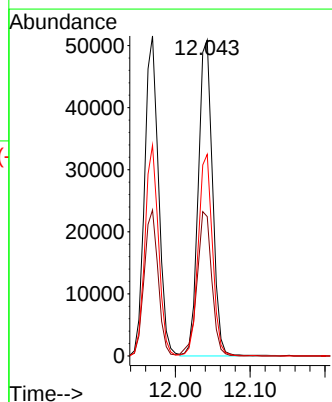
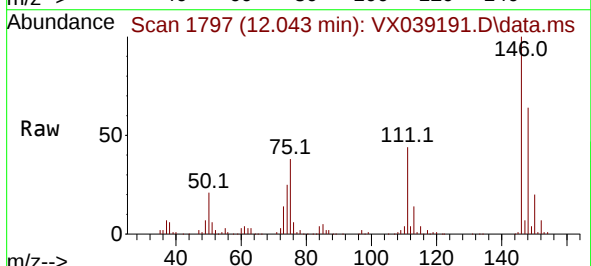
RT: 12.043 min Scan# 1797

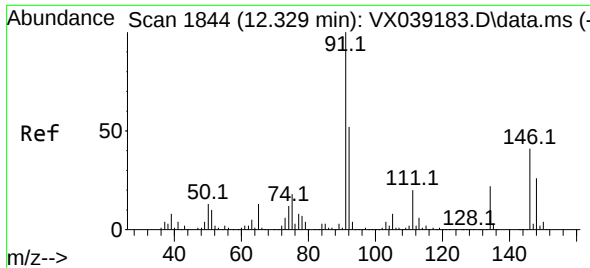
Delta R.T. 0.006 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Tgt Ion:146	Resp:	67274
Ion Ratio	Lower	Upper
146	100	
111	47.4	21.3 63.7
148	63.5	31.8 95.4





#89

n-Butylbenzene

Concen: 19.286 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

Tgt Ion: 91 Resp: 133509

Ion Ratio Lower Upper

91 100

92 51.9 27.4 82.0

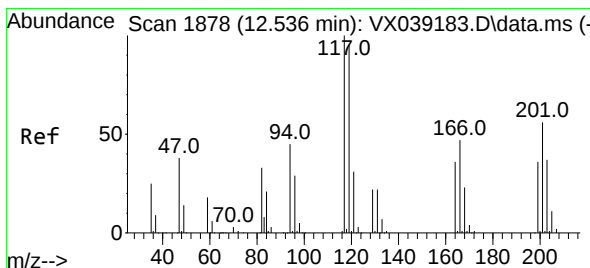
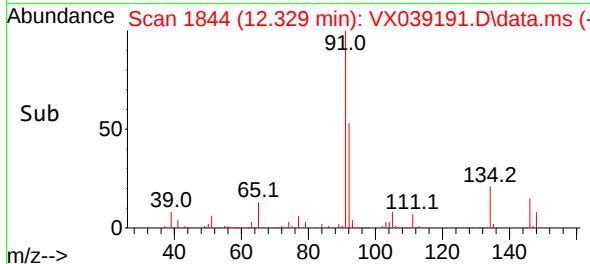
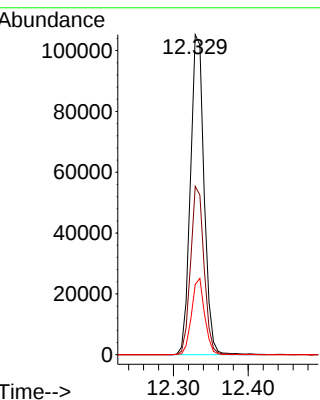
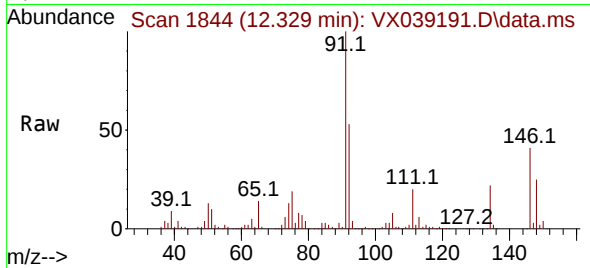
134 22.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#90

Hexachloroethane

Concen: 18.384 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039191.D

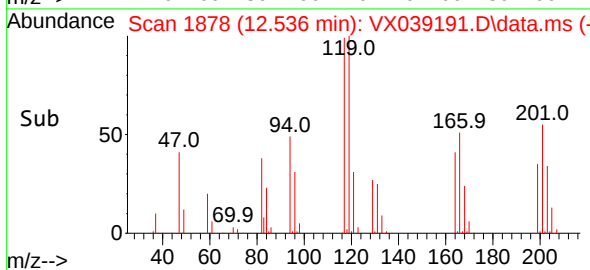
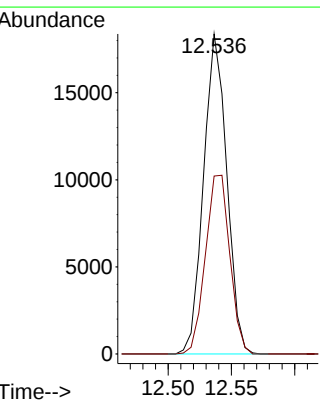
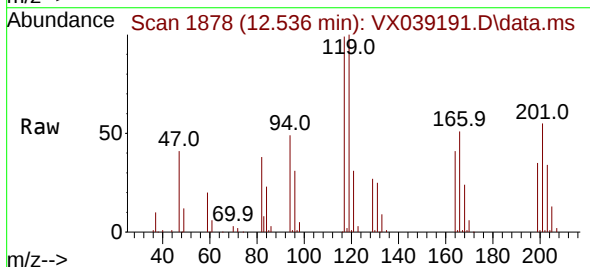
Acq: 13 Dec 2023 15:56

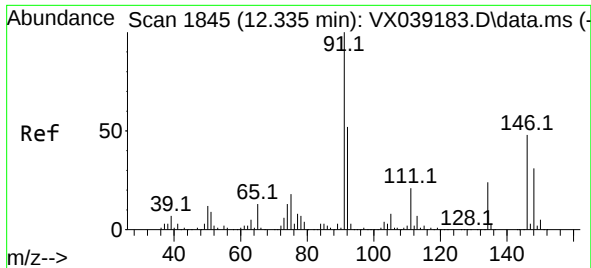
Tgt Ion:117 Resp: 23385

Ion Ratio Lower Upper

117 100

201 58.8 32.9 98.6





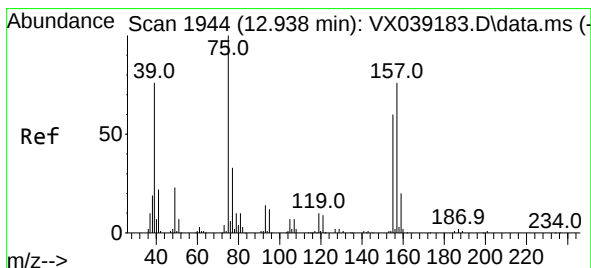
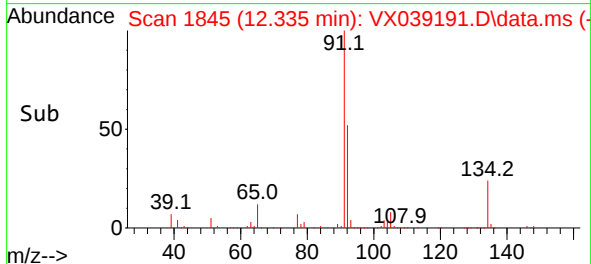
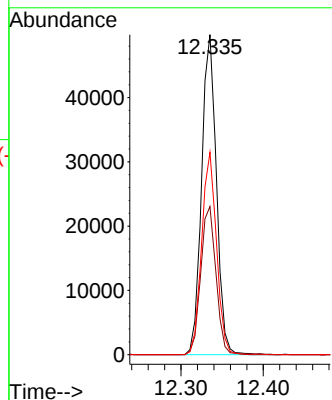
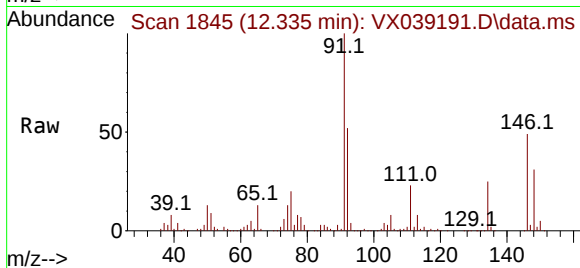
#91
1,2-Dichlorobenzene
Concen: 18.417 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Instrument :
MSVOA_X
ClientSampleId :
VX1213WBS01

Tgt Ion:146 Resp: 6226
Ion Ratio Lower Upper
146 100
111 47.5 22.4 67.0
148 63.5 31.6 95.0

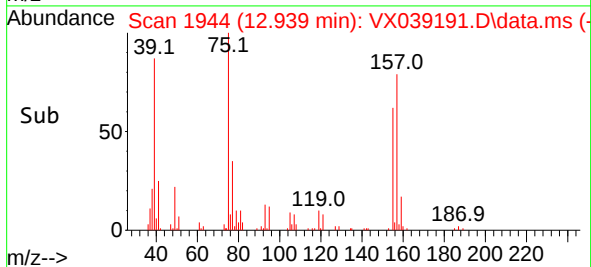
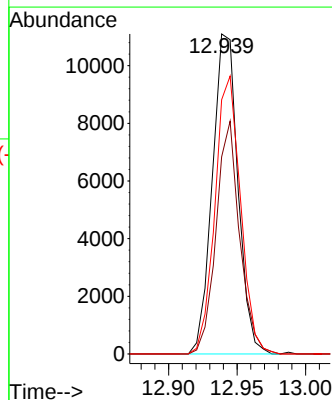
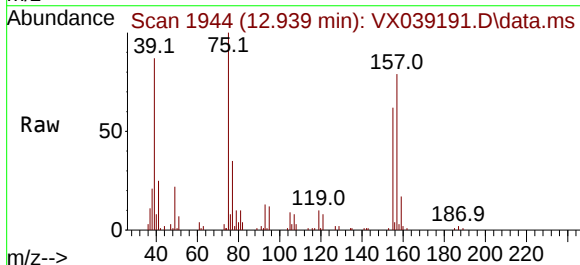
Manual Integrations
APPROVED

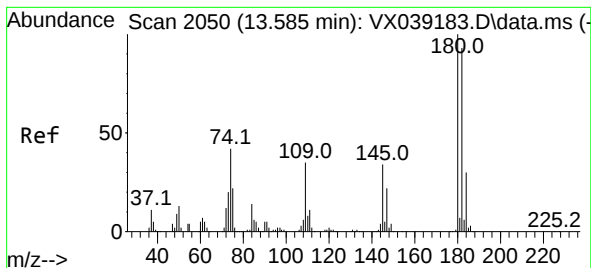
Reviewed By :John Carlone 12/14/2023
Supervised By :Mahesh Dadoda 12/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.038 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039191.D
Acq: 13 Dec 2023 15:56

Tgt Ion: 75 Resp: 14375
Ion Ratio Lower Upper
75 100
155 67.2 36.1 108.5
157 86.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.548 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

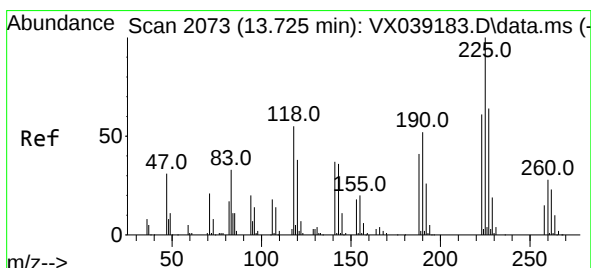
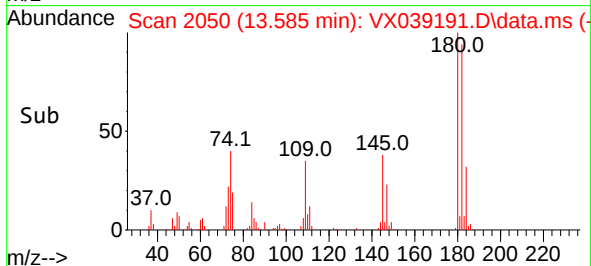
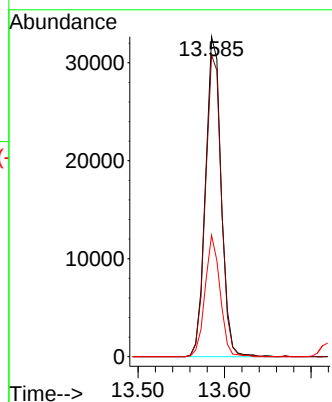
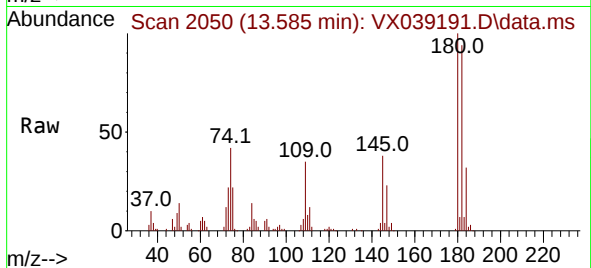
Tgt Ion:180	Resp:	4106
Ion Ratio	Lower	Upper
180	100	
182	95.4	48.3 144.8
145	36.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#94

Hexachlorobutadiene

Concen: 18.116 ug/l

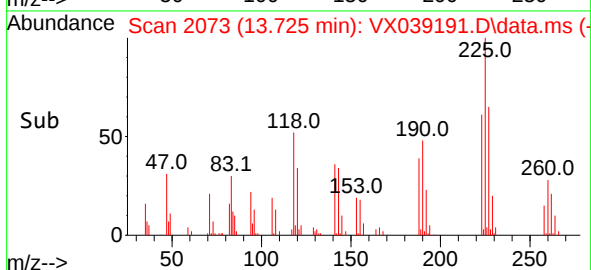
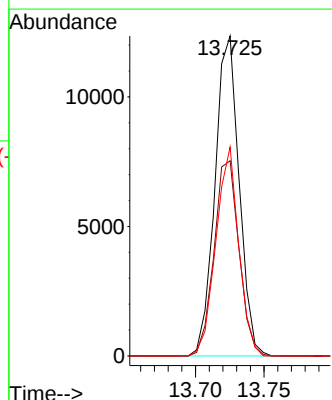
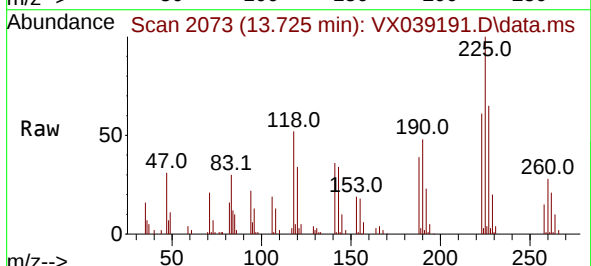
RT: 13.725 min Scan# 2073

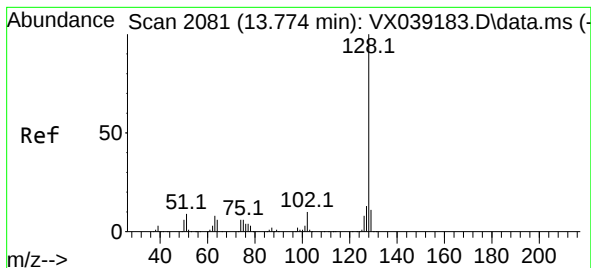
Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Tgt Ion:225	Resp:	15114
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.1 93.2
227	61.7	32.5 97.5





#95

Naphthalene

Concen: 19.074 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

VX1213WBS01

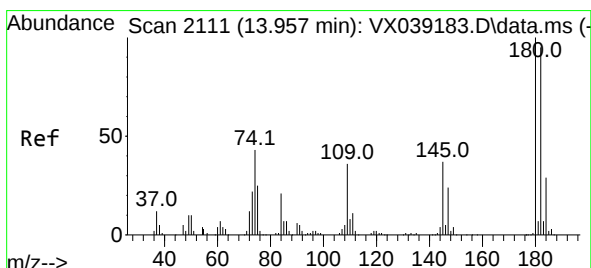
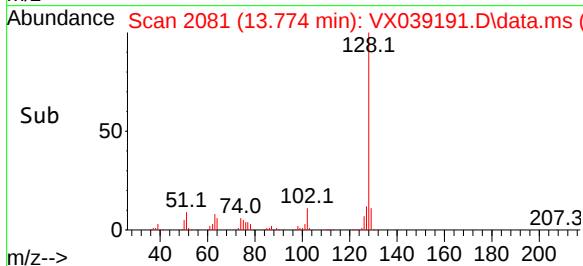
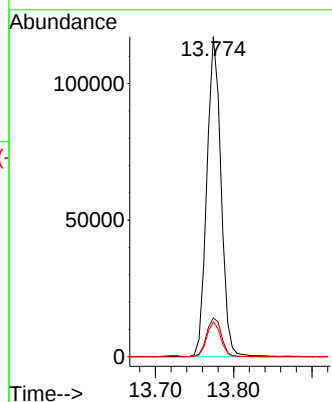
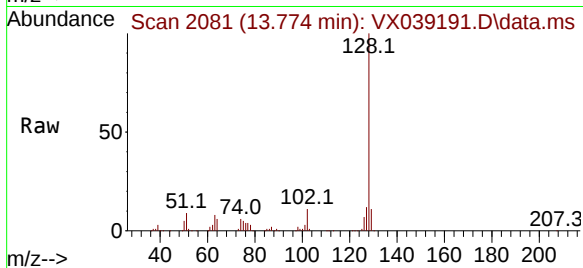
Tgt Ion:	128	Resp:	147058
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2023

Supervised By :Mahesh Dadoda 12/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 18.330 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039191.D

Acq: 13 Dec 2023 15:56

Tgt Ion:	180	Resp:	39175
Ion Ratio	Lower	Upper	
180	100		
182	95.3	46.9	140.6
145	39.9	17.8	53.5

