

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039198.D
 Acq On : 14 Dec 2023 10:55
 Operator : JC/MD
 Sample : VX1214WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2023
 Supervised By : Mahesh Dadoda 12/15/2023

Quant Time: Dec 15 02:56:43 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	122975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	231505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	113312	50.298	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.600%			
35) Dibromofluoromethane	5.385	113	78624	49.160	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.320%			
50) Toluene-d8	8.647	98	296722	49.973	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.940%			
62) 4-Bromofluorobenzene	11.079	95	121214	49.478	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36536	21.143	ug/l	96
3) Chloromethane	1.294	50	38725	20.214	ug/l	97
4) Vinyl Chloride	1.374	62	35923	20.163	ug/l	98
5) Bromomethane	1.605	94	22408	21.861	ug/l	97
6) Chloroethane	1.691	64	21185	19.731	ug/l	94
7) Trichlorofluoromethane	1.892	101	51757	19.839	ug/l	99
8) Diethyl Ether	2.130	74	18005	19.940	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	31813	19.983	ug/l	96
10) Methyl Iodide	2.453	142	33729	20.497	ug/l	94
11) Tert butyl alcohol	2.946	59	54665	96.629	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	31515	19.928	ug/l	98
13) Acrolein	2.233	56	45540	100.906	ug/l	99
14) Allyl chloride	2.666	41	62251	19.432	ug/l	98
15) Acrylonitrile	3.056	53	111178	98.183	ug/l	100
16) Acetone	2.373	43	114552	70.602	ug/l	94
17) Carbon Disulfide	2.514	76	89070	19.247	ug/l	99
18) Methyl Acetate	2.697	43	98487	20.212	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	112196	19.617	ug/l	96
20) Methylene Chloride	2.788	84	36247	19.301	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	33199	19.293	ug/l	95
22) Diisopropyl ether	3.757	45	115117	19.741	ug/l	97
23) Vinyl Acetate	3.721	43	435033	100.206	ug/l	98
24) 1,1-Dichloroethane	3.611	63	64265	19.495	ug/l	99
25) 2-Butanone	4.550	43	165981	85.381	ug/l	97
26) 2,2-Dichloropropane	4.477	77	56398	19.597	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	38060	20.039	ug/l	97
28) Bromochloromethane	4.903	49	28172	17.515	ug/l	94
29) Tetrahydrofuran	5.001	42	104429	97.273	ug/l	100
30) Chloroform	5.092	83	64828	19.679	ug/l	100
31) Cyclohexane	5.464	56	56465	19.405	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	55345	19.353	ug/l	96
36) 1,1-Dichloropropene	5.690	75	49340	19.550	ug/l	99
37) Ethyl Acetate	4.708	43	59083	18.949	ug/l	98
38) Carbon Tetrachloride	5.678	117	45218	18.774	ug/l	95
39) Methylcyclohexane	7.379	83	57375	18.926	ug/l	98
40) Benzene	6.037	78	138507	19.401	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	30780	18.502	ug/l	93
42) 1,2-Dichloroethane	6.086	62	56417	19.522	ug/l	100
43) Isopropyl Acetate	6.336	43	95208	18.777	ug/l	100
44) Trichloroethene	7.123	130	34530	19.167	ug/l	97
45) 1,2-Dichloropropane	7.427	63	37521	19.583	ug/l	98
46) Dibromomethane	7.580	93	25771	19.134	ug/l	96
47) Bromodichloromethane	7.818	83	50415	19.576	ug/l	96
48) Methyl methacrylate	7.690	41	57804	19.500	ug/l	97
49) 1,4-Dioxane	7.659	88	16805	420.580	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	317506	98.281	ug/l	99
52) Toluene	8.720	92	83237	19.317	ug/l	91
53) t-1,3-Dichloropropene	8.976	75	56073	19.777	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	59895	19.633	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	34480	19.167	ug/l	90
56) Ethyl methacrylate	9.116	69	43000	19.580	ug/l	96
57) 1,3-Dichloropropane	9.305	76	61483	19.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	122061	94.657	ug/l	94
59) 2-Hexanone	9.427	43	251903	90.348	ug/l	99
60) Dibromochloromethane	9.518	129	35236	19.368	ug/l	98
61) 1,2-Dibromoethane	9.610	107	37126	19.332	ug/l	100
64) Tetrachloroethene	9.275	164	26535	19.008	ug/l	96
65) Chlorobenzene	10.079	112	89303	19.152	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	31624	19.201	ug/l	98
67) Ethyl Benzene	10.195	91	169637	19.544	ug/l	98
68) m/p-Xylenes	10.299	106	123029	39.534	ug/l	94
69) o-Xylene	10.640	106	57939	19.256	ug/l	92
70) Styrene	10.652	104	86365	19.634	ug/l	97
71) Bromoform	10.799	173	23417	19.128	ug/l #	97
73) Isopropylbenzene	10.963	105	160490	19.882	ug/l	98
74) N-amyl acetate	10.841	43	78122	19.128	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	59293	19.746	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	51609m	19.067	ug/l	
77) Bromobenzene	11.195	156	34909	19.557	ug/l	90
78) n-propylbenzene	11.305	91	196741	19.782	ug/l	97
79) 2-Chlorotoluene	11.360	91	116069	19.294	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	136310	19.823	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	17592	18.334	ug/l	96
82) 4-Chlorotoluene	11.451	91	139256	19.709	ug/l	97
83) tert-Butylbenzene	11.713	119	128044	19.566	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	136220	19.317	ug/l	98
85) sec-Butylbenzene	11.890	105	162686	19.536	ug/l	97
86) p-Isopropyltoluene	12.006	119	135827	19.435	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	66328	18.914	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	68984	18.893	ug/l	98
89) n-Butylbenzene	12.329	91	135856	19.774	ug/l	96
90) Hexachloroethane	12.536	117	23670	18.749	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	64255	19.150	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15073	19.057	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	42385	19.291	ug/l	97
94) Hexachlorobutadiene	13.725	225	15358	18.549	ug/l	99
95) Naphthalene	13.774	128	148201	19.369	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	40119	18.915	ug/l	99

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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

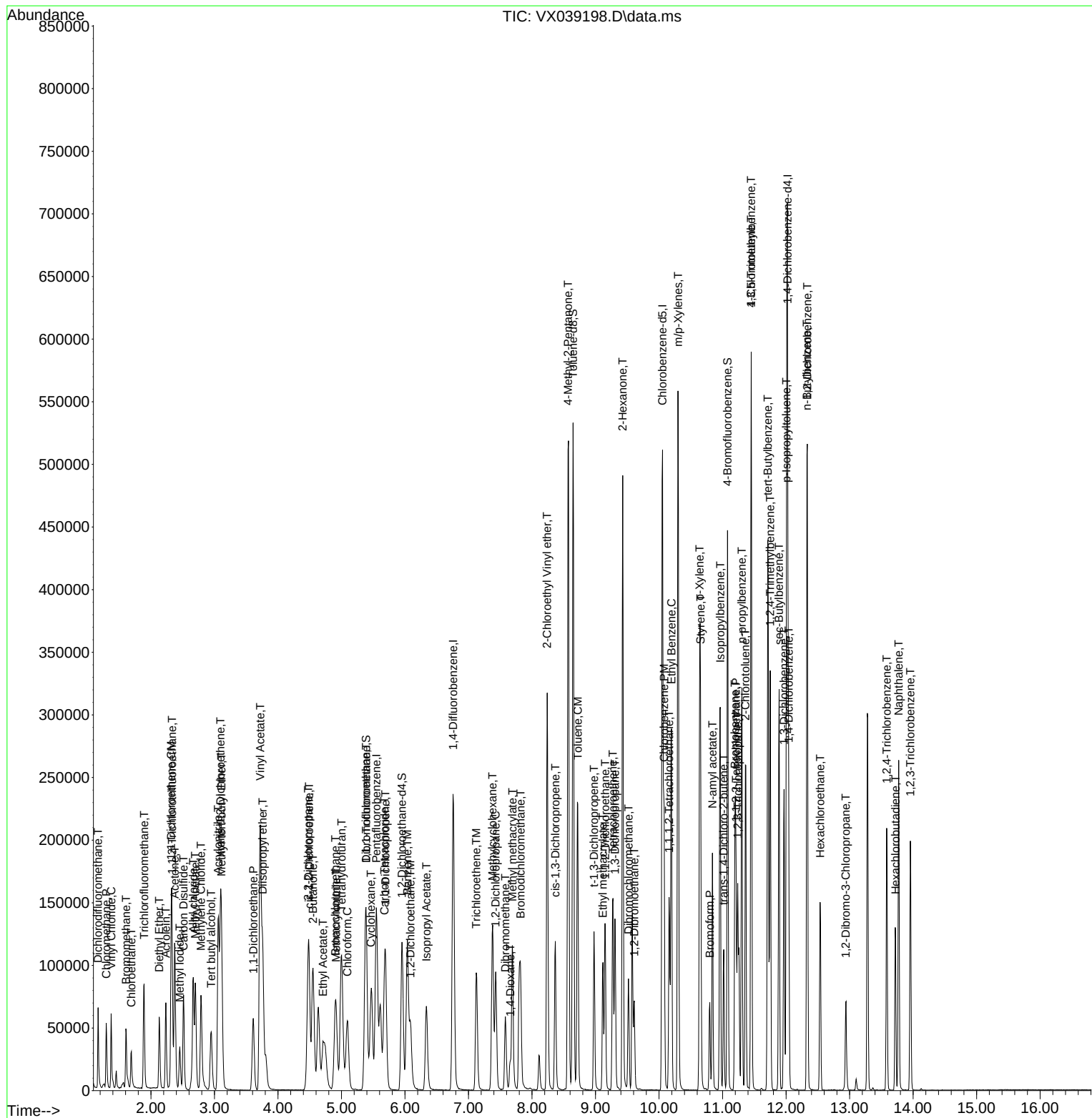
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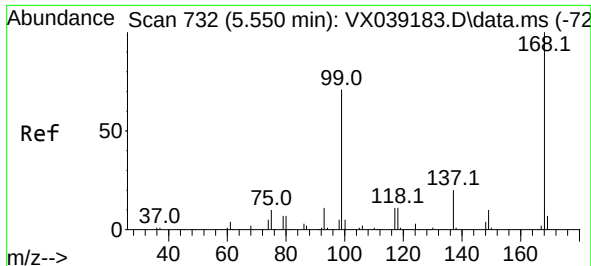
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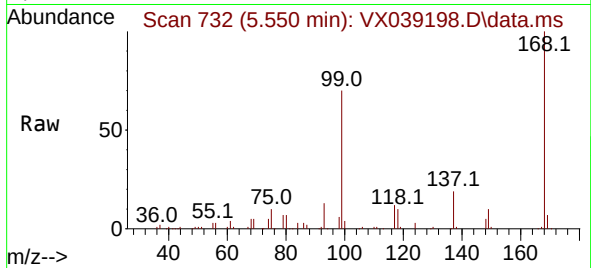
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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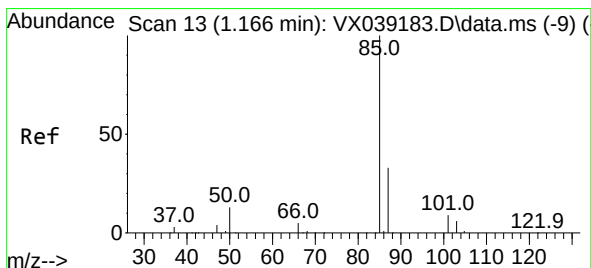
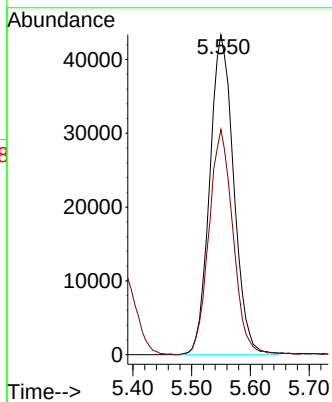
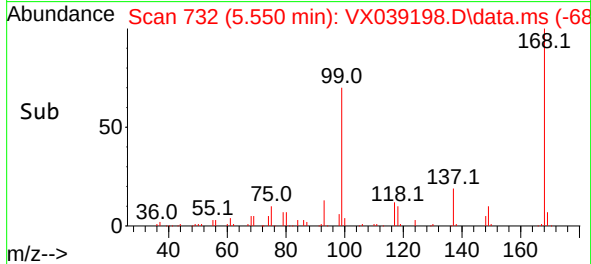
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 122975
Ion Ratio Lower Upper
168 100
99 70.4 56.6 85.0

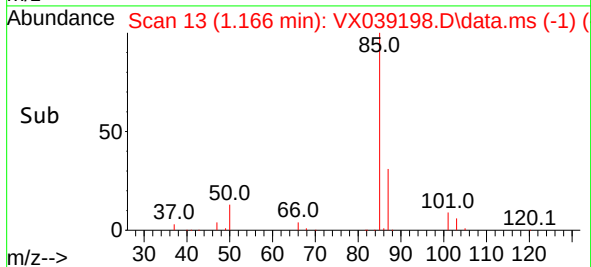
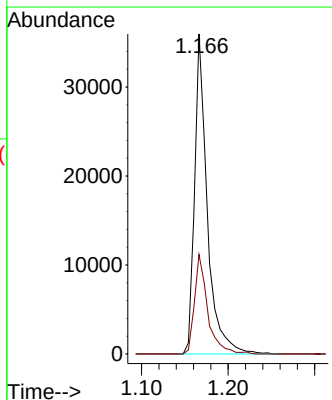
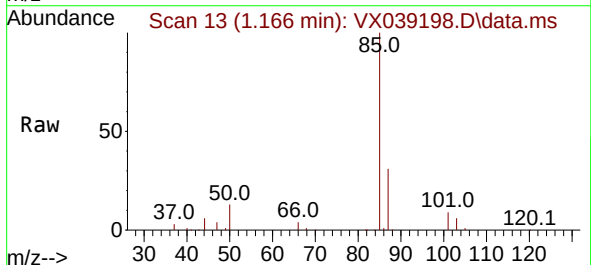
Manual Integrations
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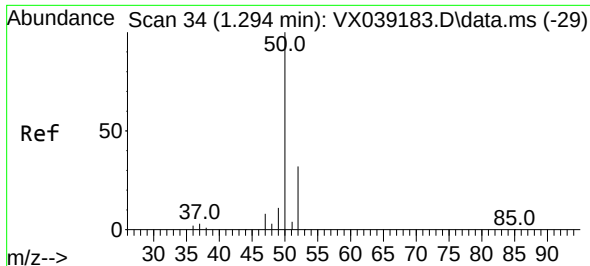
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#2
Dichlorodifluoromethane
Concen: 21.143 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

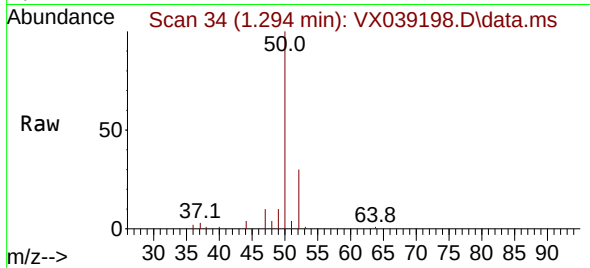
Tgt Ion: 85 Resp: 36536
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.1





#3
Chloromethane
Concen: 20.214 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

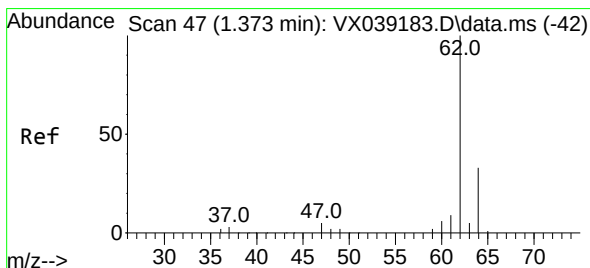
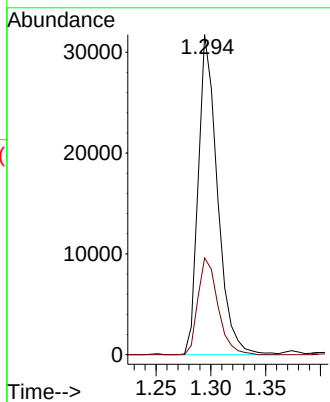
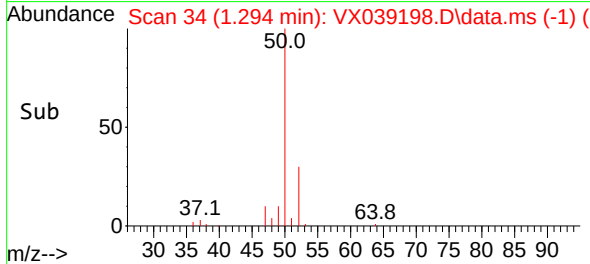
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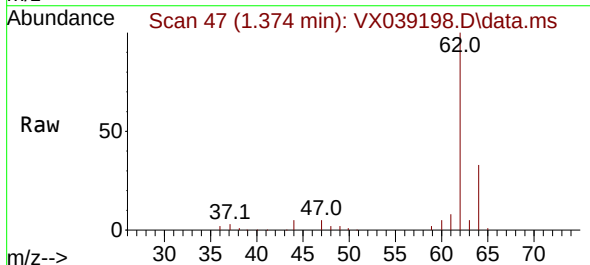
Tgt Ion: 50 Resp: 38725
Ion Ratio Lower Upper
50 100
52 30.3 25.5 38.3

Manual Integrations
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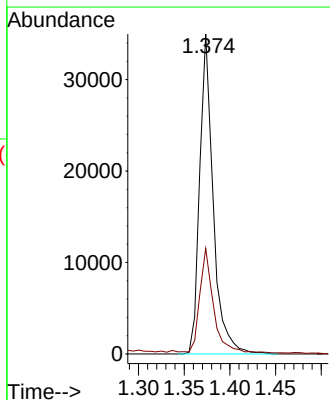
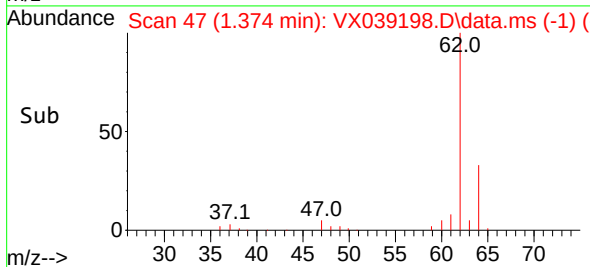
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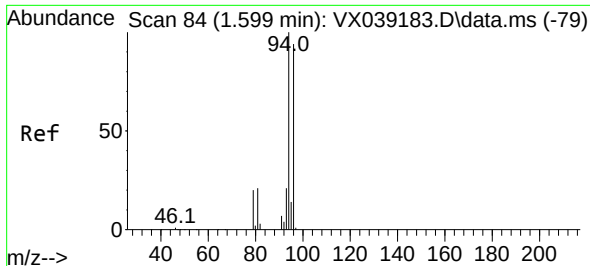


#4
Vinyl Chloride
Concen: 20.163 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55



Tgt Ion: 62 Resp: 35923
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





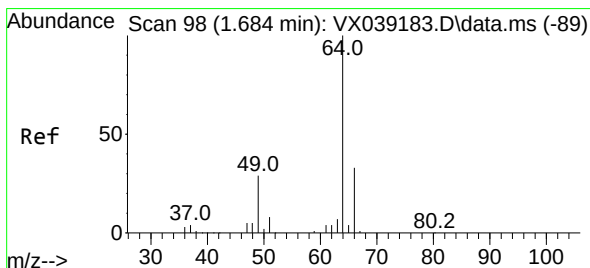
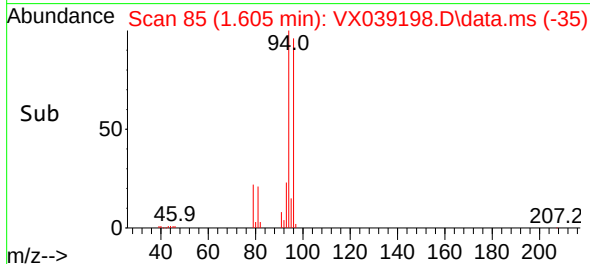
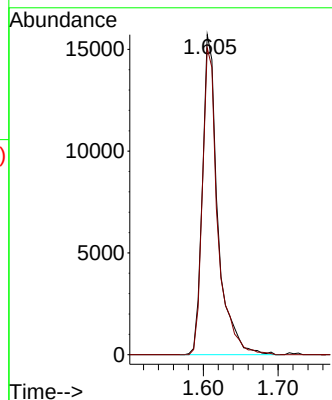
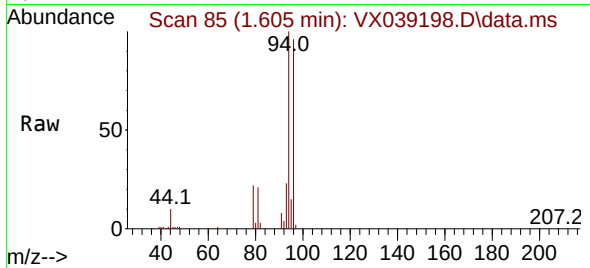
#5
Bromomethane
Concen: 21.861 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX039198.D
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Tgt Ion: 94 Resp: 22408
Ion Ratio Lower Upper
94 100
96 95.8 74.6 111.8

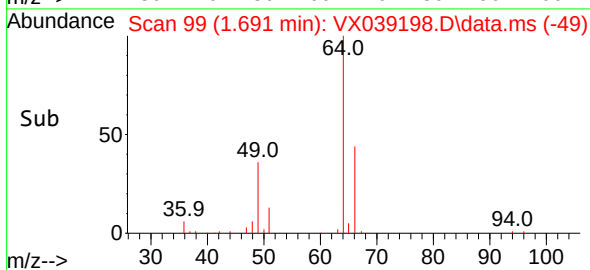
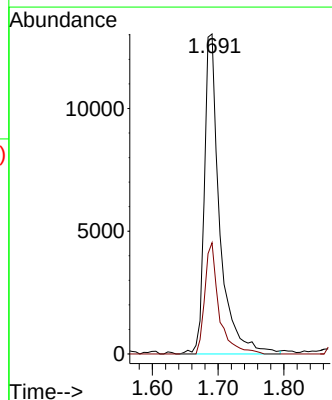
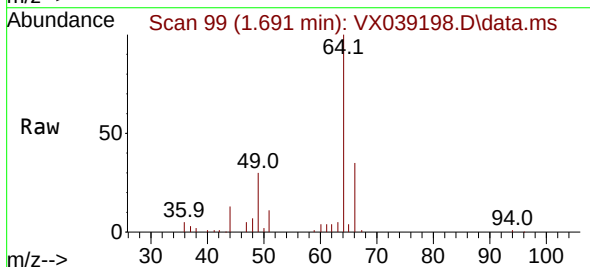
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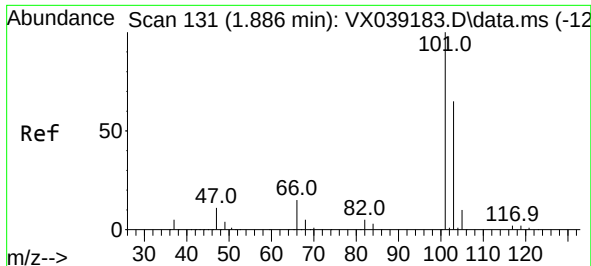
Reviewed By :John Carlone 12/15/2023
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#6
Chloroethane
Concen: 19.731 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Tgt Ion: 64 Resp: 21185
Ion Ratio Lower Upper
64 100
66 34.8 25.1 37.7





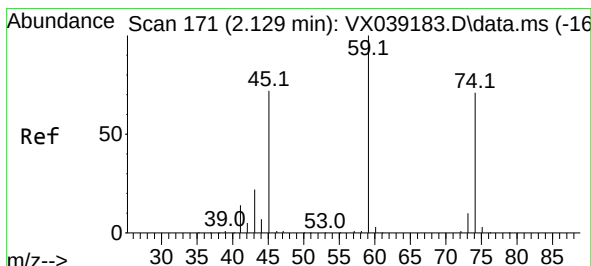
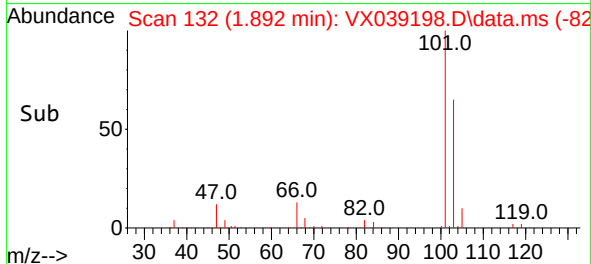
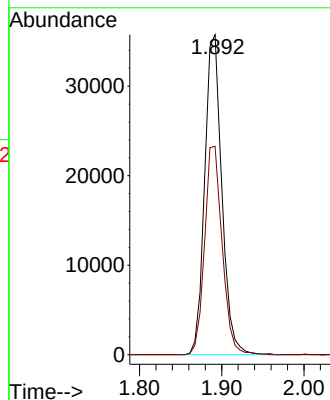
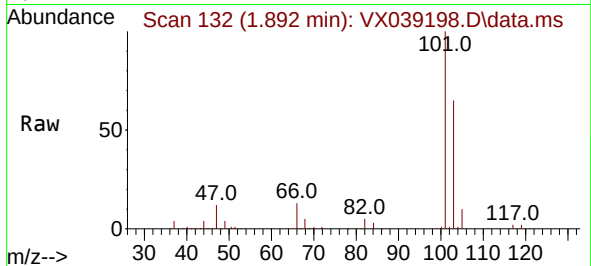
#7
Trichlorofluoromethane
Concen: 19.839 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Instrument :
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Tgt Ion:101 Resp: 5175
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

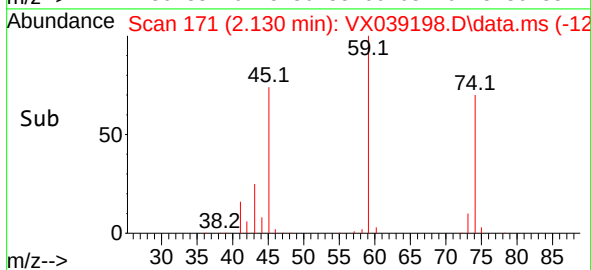
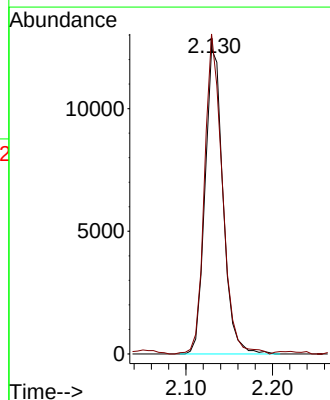
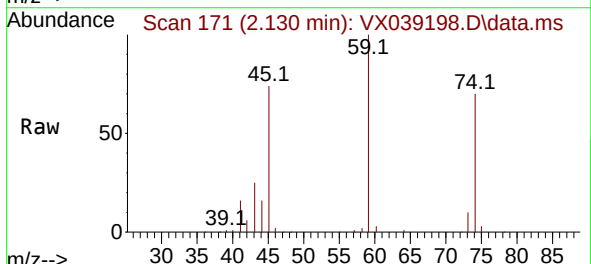
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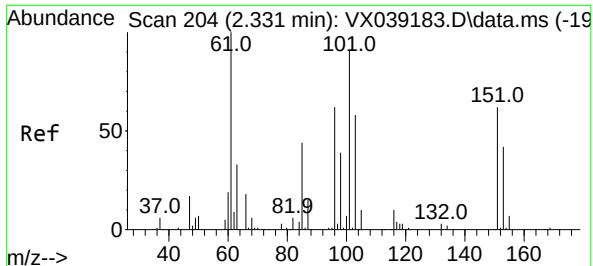
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#8
Diethyl Ether
Concen: 19.940 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 18005
Ion Ratio Lower Upper
74 100
45 103.5 53.3 159.8





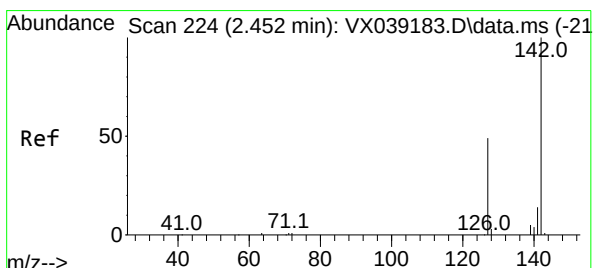
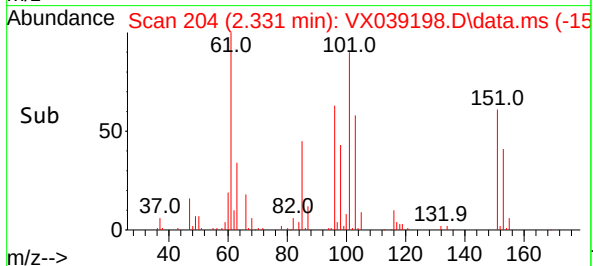
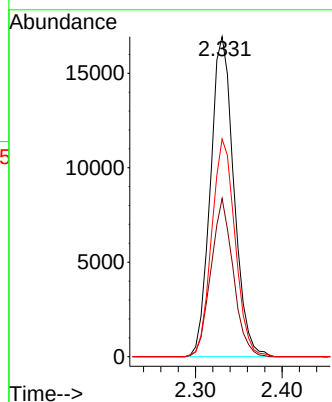
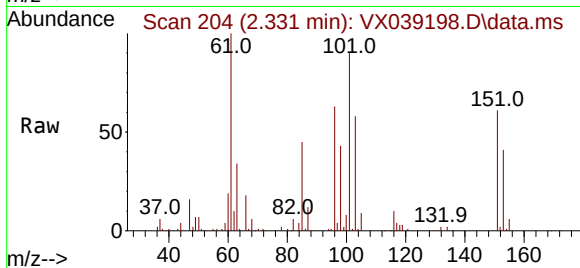
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.983 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Instrument :
MSVOA_X
Client Sample Id :
VX1214WBS01

Tgt Ion:101 Resp: 3181
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 68.0 58.6 87.8

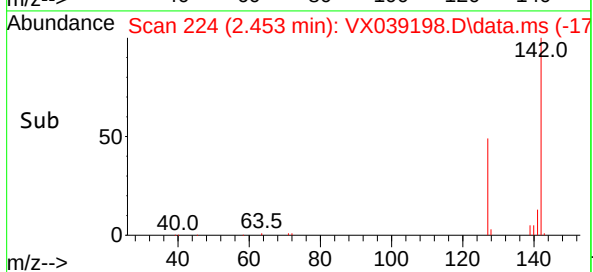
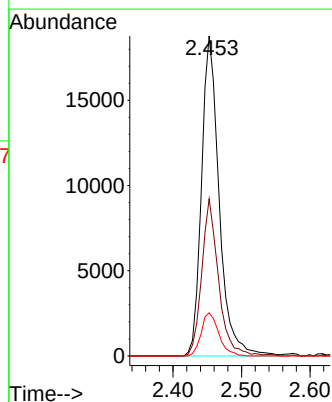
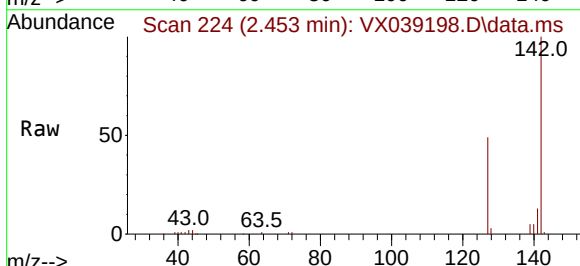
Manual Integrations
APPROVED

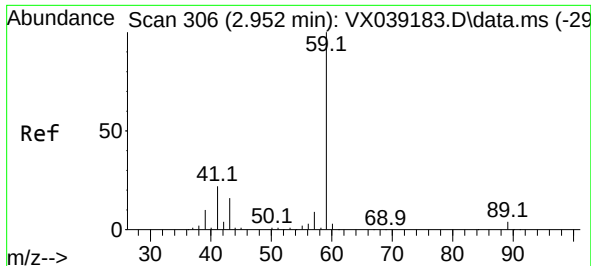
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#10
Methyl Iodide
Concen: 20.497 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Tgt Ion:142 Resp: 33729
Ion Ratio Lower Upper
142 100
127 46.9 41.6 62.4
141 13.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 96.629 ug/l

RT: 2.946 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 59 Resp: 5466

Ion Ratio Lower Upper

59 100

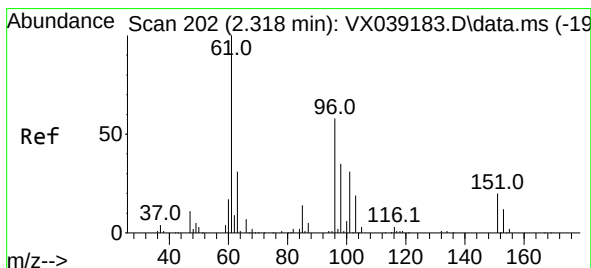
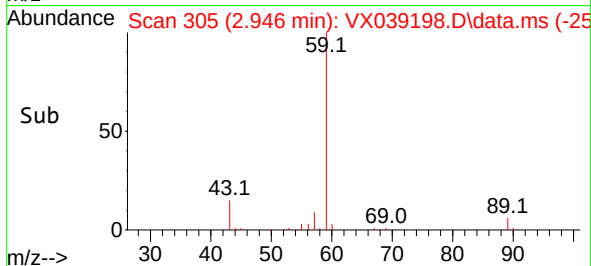
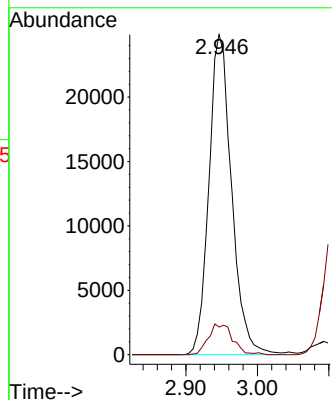
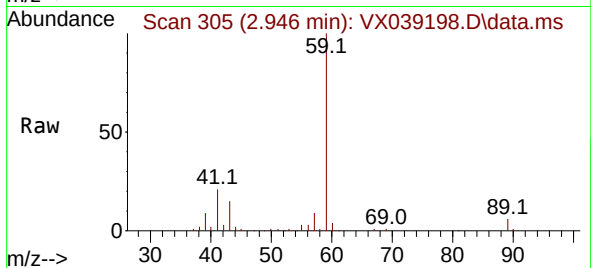
57 10.3 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#12

1,1-Dichloroethene

Concen: 19.928 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

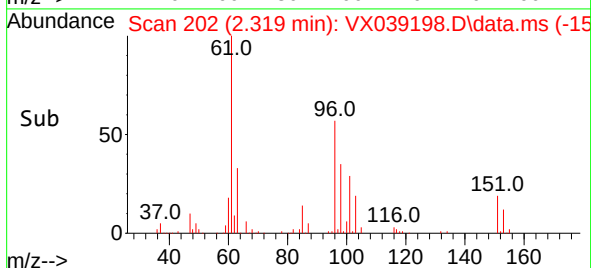
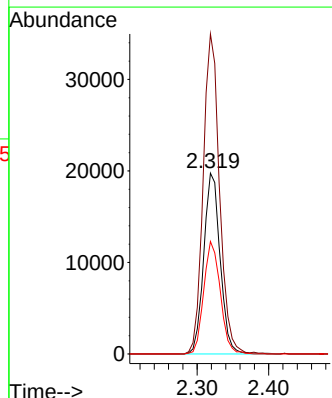
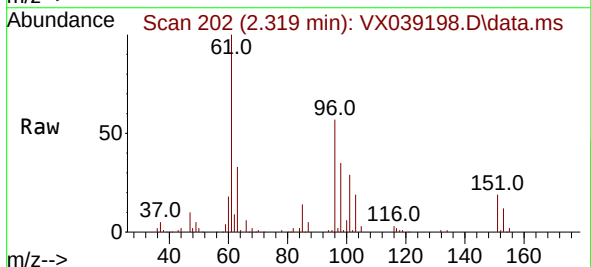
Tgt Ion: 96 Resp: 31515

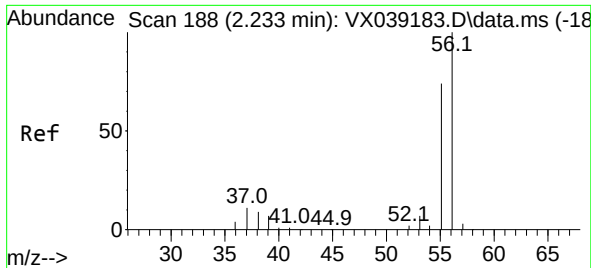
Ion Ratio Lower Upper

96 100

61 177.0 144.6 216.8

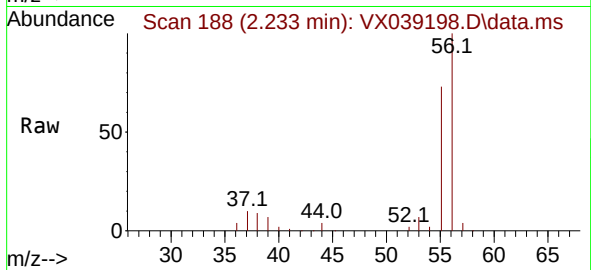
98 62.2 50.4 75.6





#13
Acrolein
Concen: 100.906 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

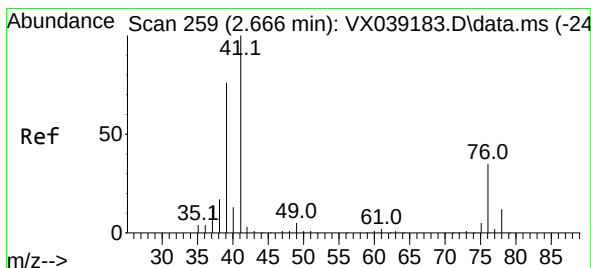
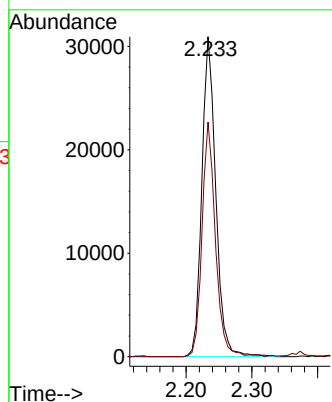
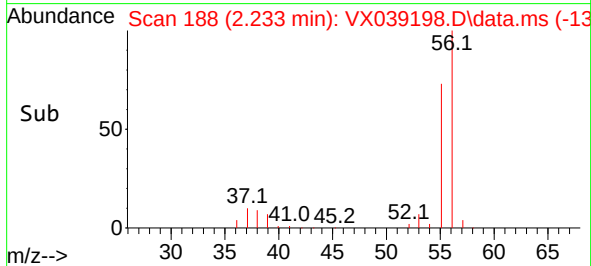
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



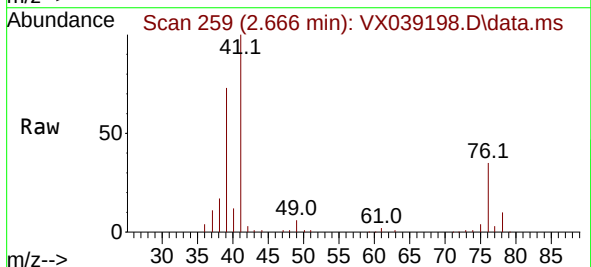
Tgt Ion: 56 Resp: 45540
Ion Ratio Lower Upper
56 100
55 70.2 57.1 85.7

Manual Integrations
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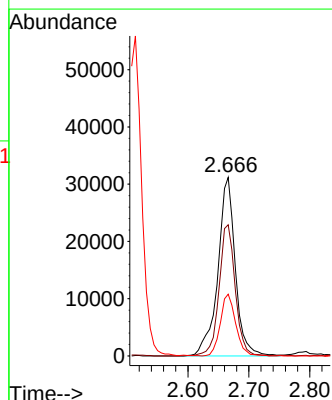
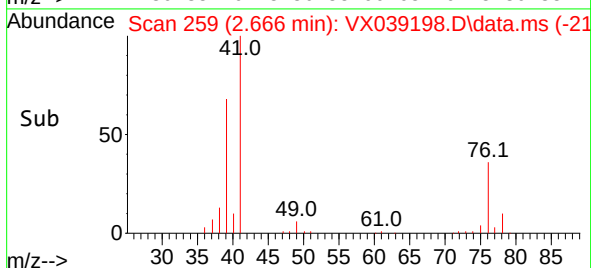
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

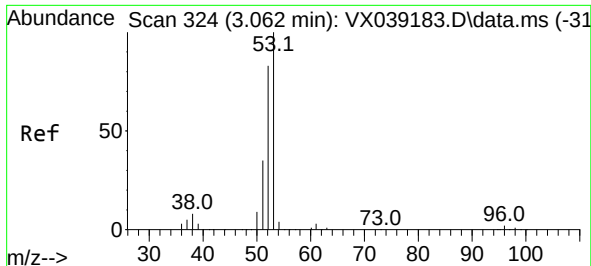


#14
Allyl chloride
Concen: 19.432 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55



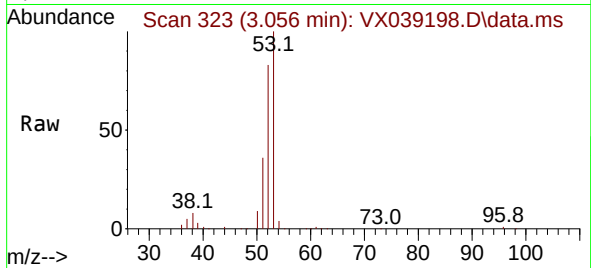
Tgt Ion: 41 Resp: 62251
Ion Ratio Lower Upper
41 100
39 67.9 55.8 83.6
76 30.5 24.3 36.5





#15
Acrylonitrile
Concen: 98.183 ug/l
RT: 3.056 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

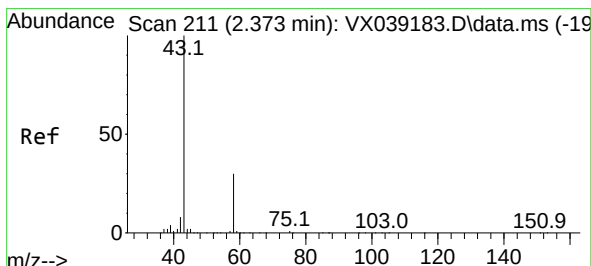
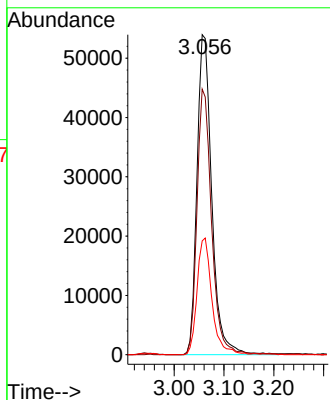
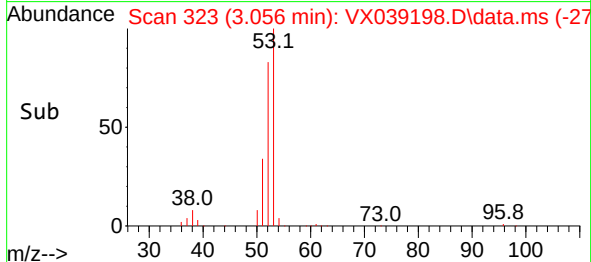
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion: 53 Resp: 111178
Ion Ratio Lower Upper
53 100
52 82.2 66.0 99.0
51 36.7 29.8 44.6

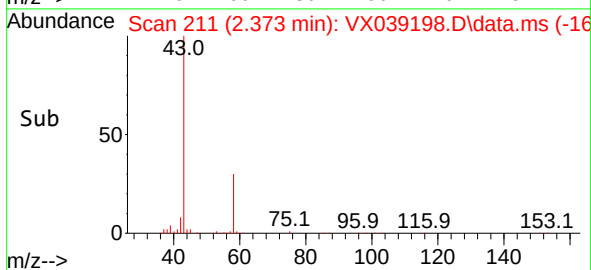
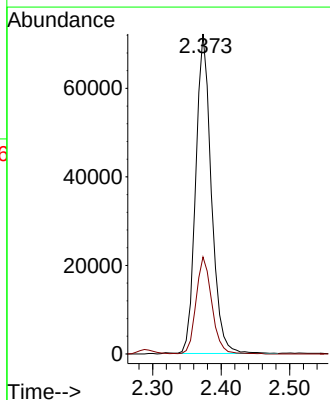
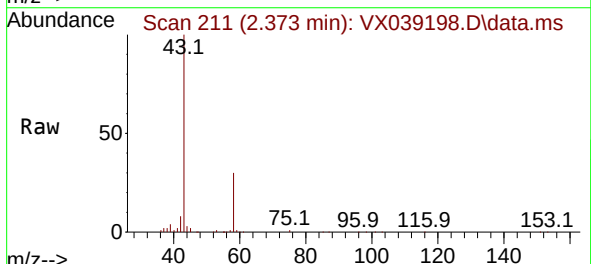
Manual Integrations
APPROVED

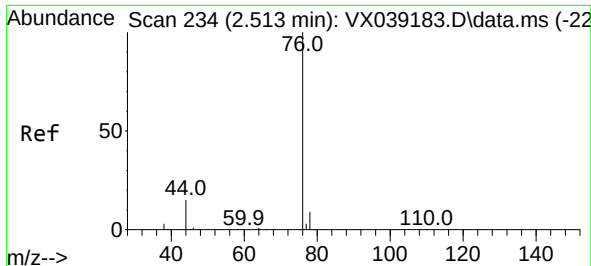
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#16
Acetone
Concen: 70.602 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

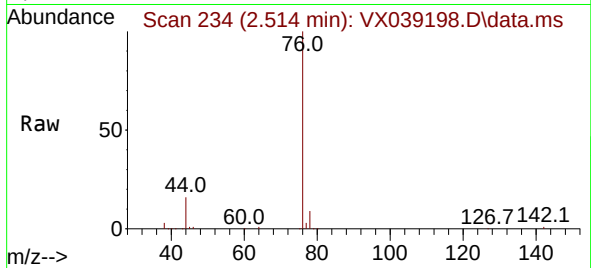
Tgt Ion: 43 Resp: 114552
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9





#17
Carbon Disulfide
Concen: 19.247 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

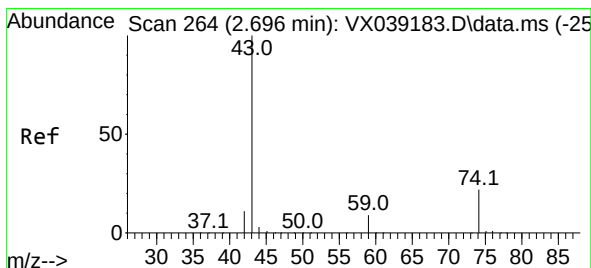
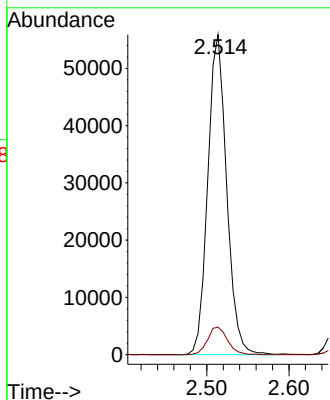
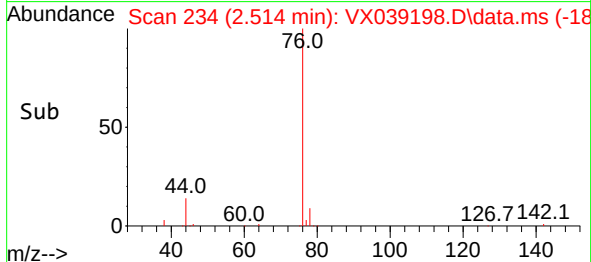
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



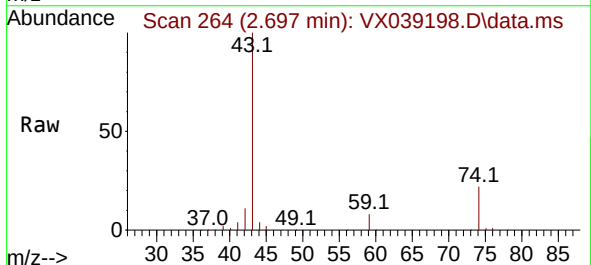
Tgt Ion: 76 Resp: 89070
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

Manual Integrations
APPROVED

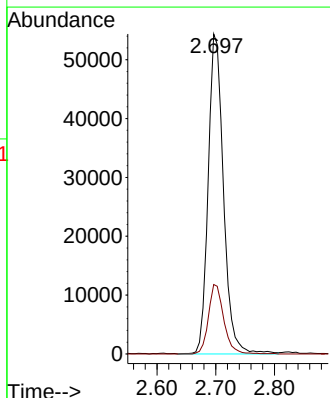
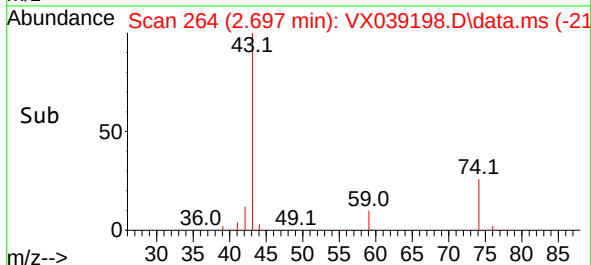
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

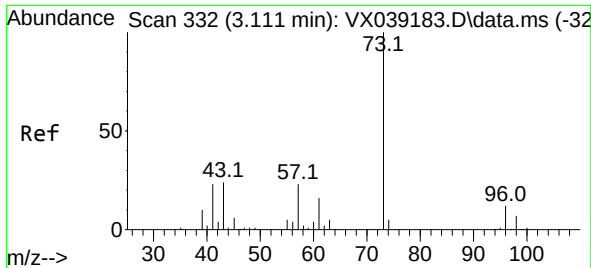


#18
Methyl Acetate
Concen: 20.212 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55



Tgt Ion: 43 Resp: 98487
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.8





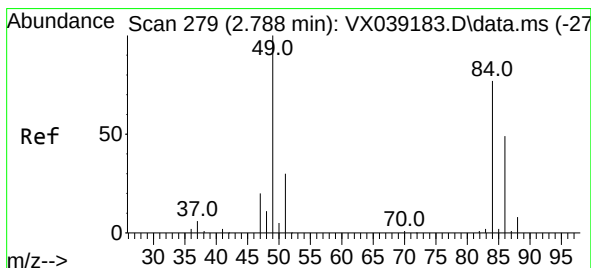
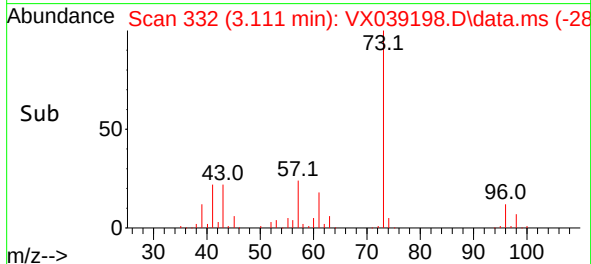
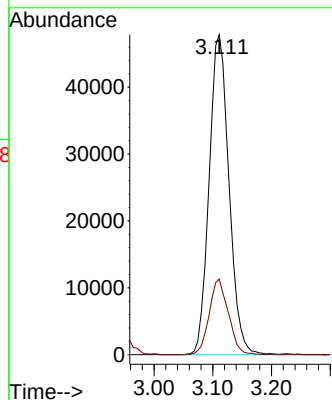
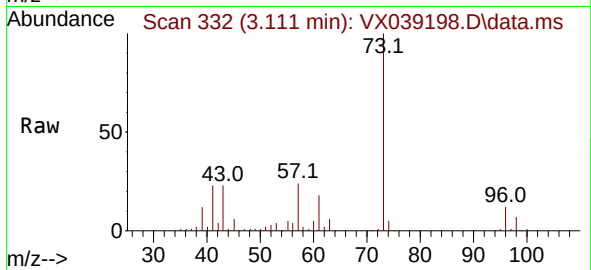
#19
Methyl tert-butyl Ether
Concen: 19.617 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 73 Resp: 112190
Ion Ratio Lower Upper
73 100
57 23.7 17.3 25.9

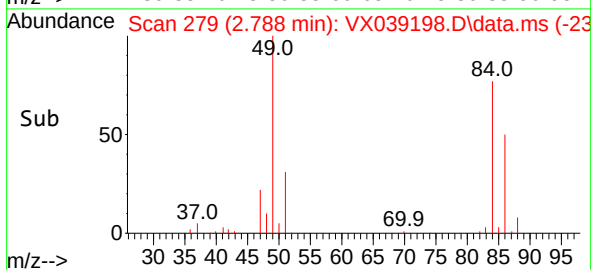
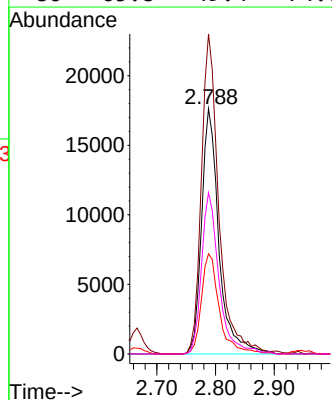
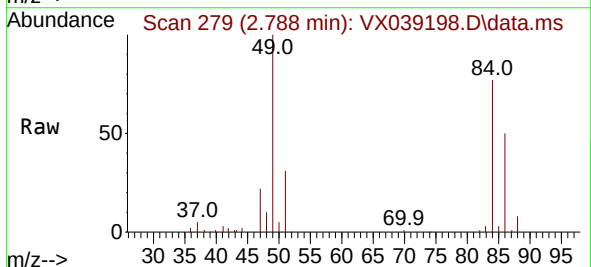
Manual Integrations
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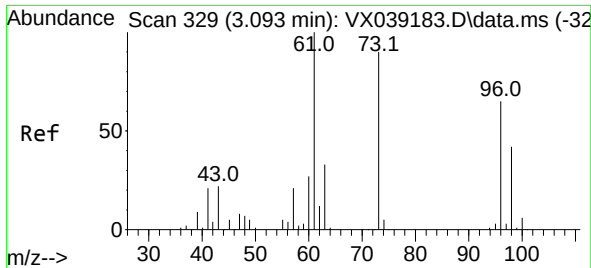
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#20
Methylene Chloride
Concen: 19.301 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

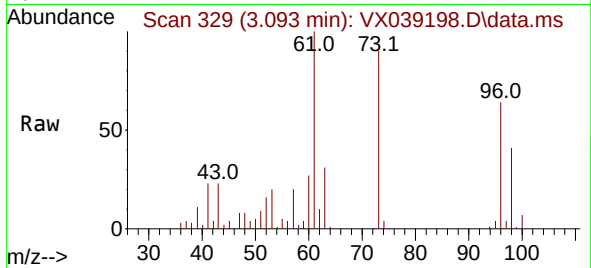
Tgt Ion: 84 Resp: 36247
Ion Ratio Lower Upper
84 100
49 130.4 103.6 155.4
51 40.8 33.8 50.6
86 65.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.293 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

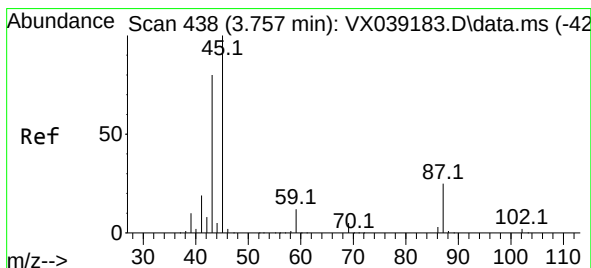
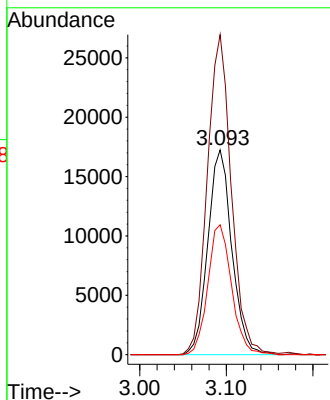
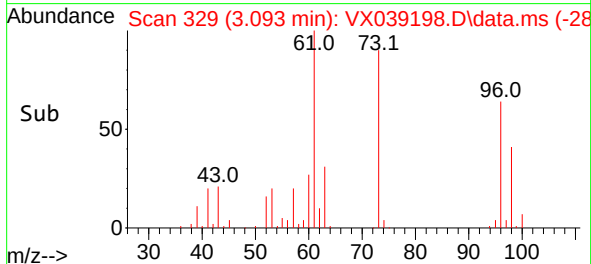
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion: 96 Resp: 33199
Ion Ratio Lower Upper
96 100
61 156.3 119.2 178.8
98 63.5 48.7 73.1

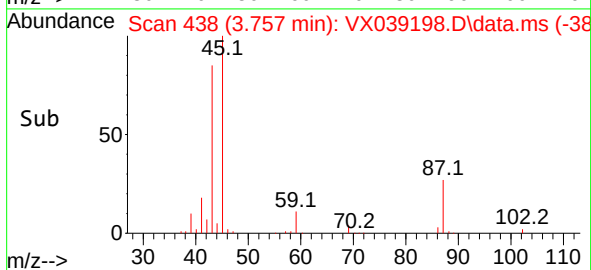
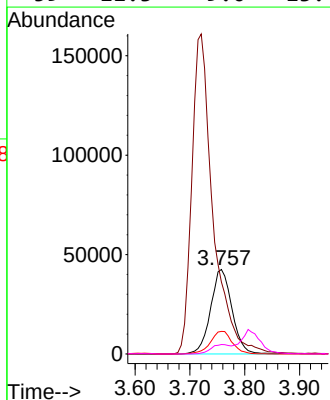
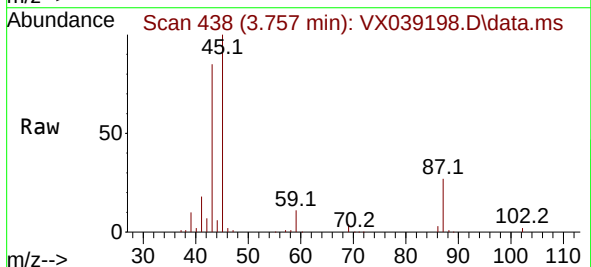
Manual Integrations
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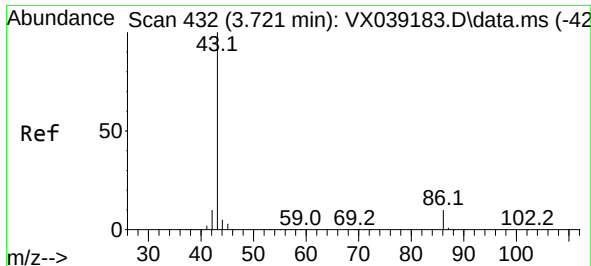
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#22
Diisopropyl ether
Concen: 19.741 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Tgt Ion: 45 Resp: 115117
Ion Ratio Lower Upper
45 100
43 83.5 69.7 104.5
87 26.8 20.8 31.2
59 11.3 9.0 13.4





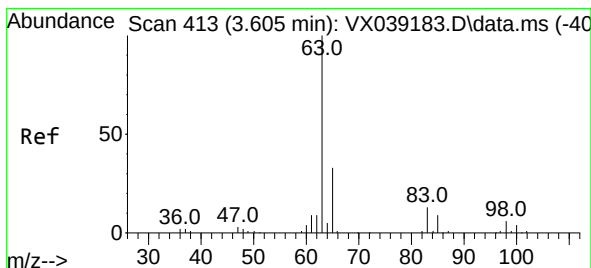
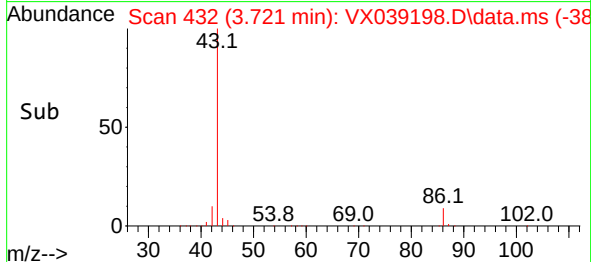
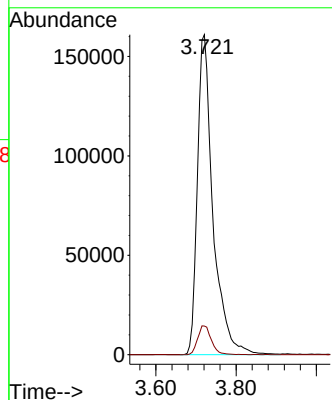
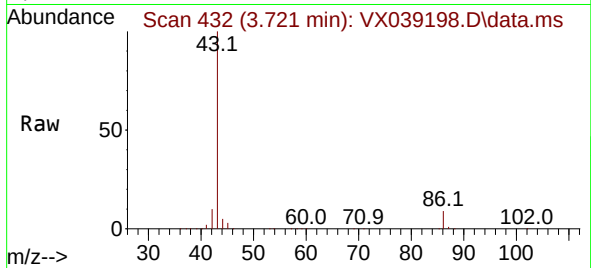
#23
 Vinyl Acetate
 Concen: 100.206 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039198.D
 Acq: 14 Dec 2023 10:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01

Tgt Ion: 43 Resp: 43503
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.8 11.8

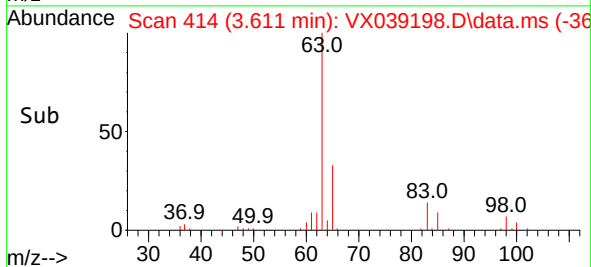
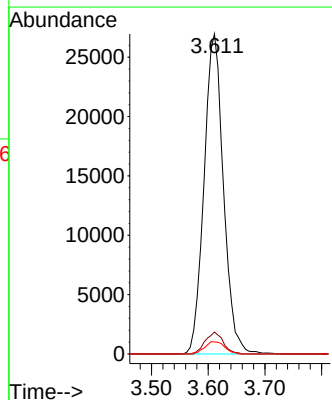
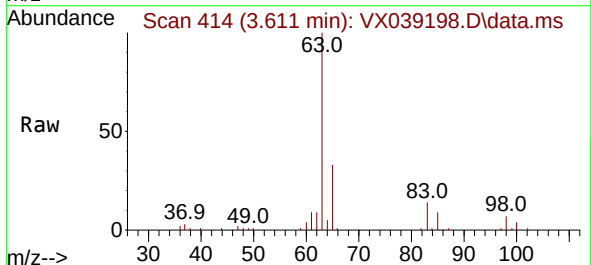
Manual Integrations
 APPROVED

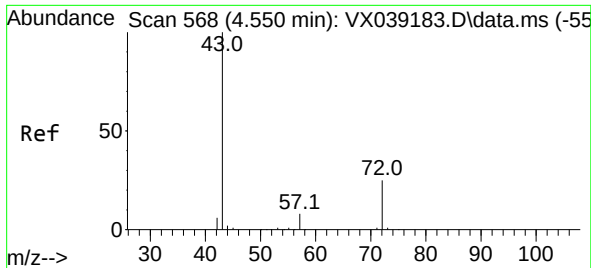
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#24
 1,1-Dichloroethane
 Concen: 19.495 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX039198.D
 Acq: 14 Dec 2023 10:55

Tgt Ion: 63 Resp: 64265
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 3.7 2.1 6.5





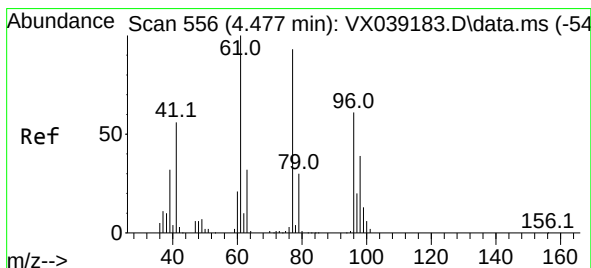
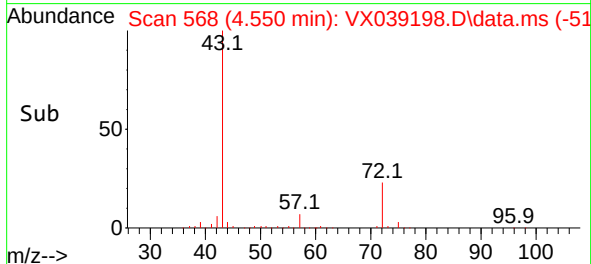
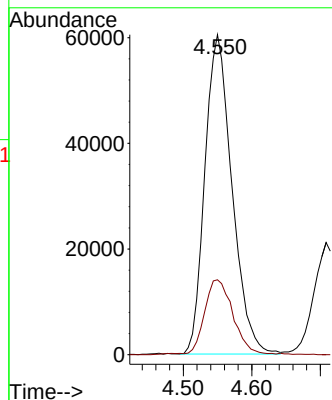
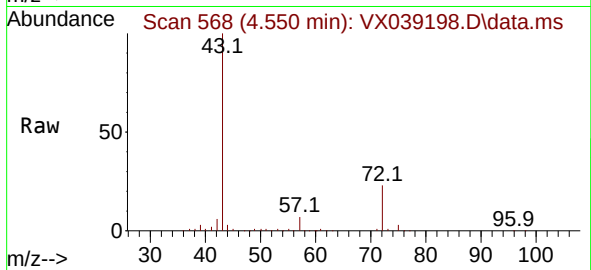
#25
2-Butanone
Concen: 85.381 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 43 Resp: 16598
Ion Ratio Lower Upper
43 100
72 23.0 19.4 29.2

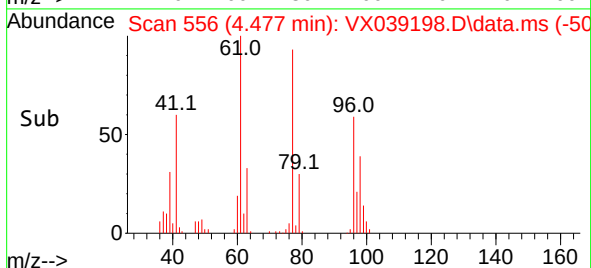
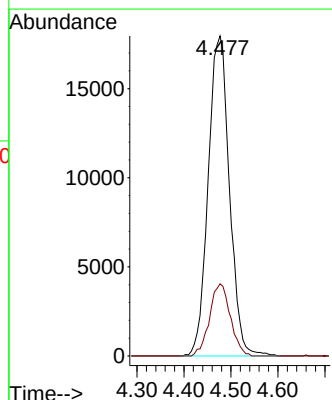
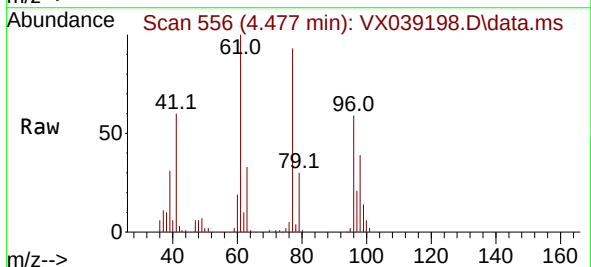
Manual Integrations
APPROVED

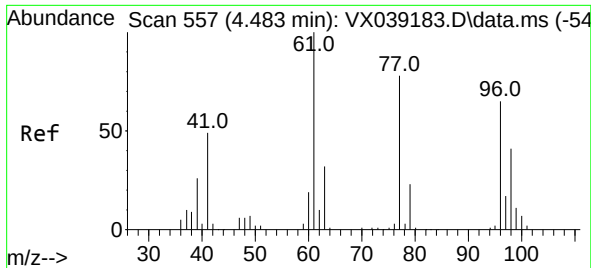
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#26
2,2-Dichloropropane
Concen: 19.597 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Tgt Ion: 77 Resp: 56398
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 20.039 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 96 Resp: 3806

Ion Ratio Lower Upper

96 100

61 161.4 0.0 312.2

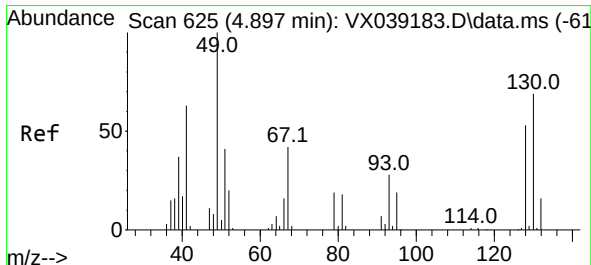
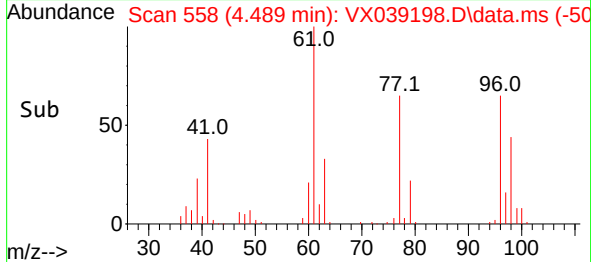
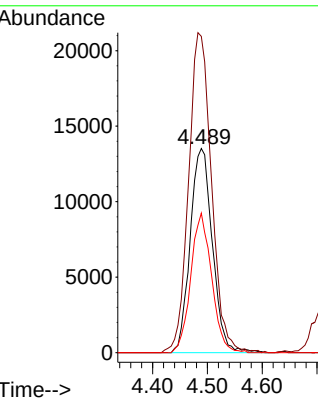
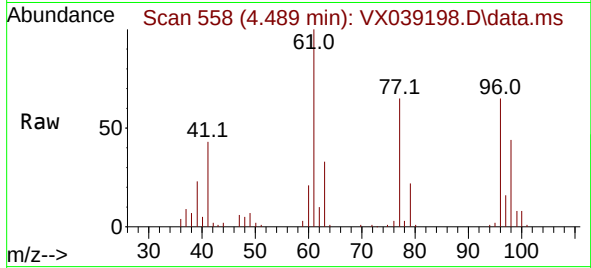
98 64.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#28

Bromochloromethane

Concen: 17.515 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

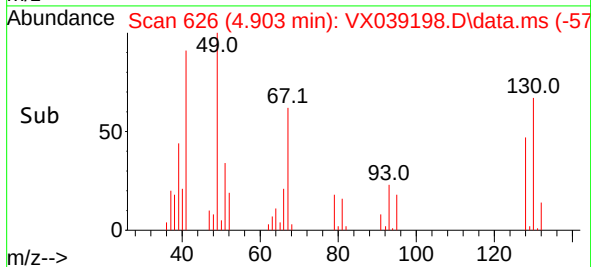
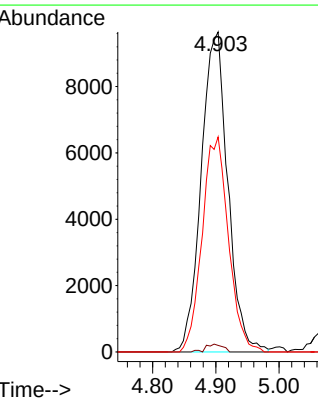
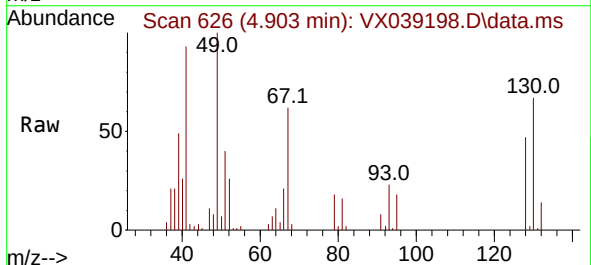
Tgt Ion: 49 Resp: 28172

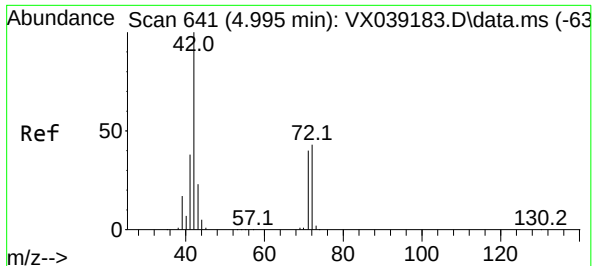
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 66.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 97.273 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 42 Resp: 104429

Ion Ratio Lower Upper

42 100

72 43.1 34.2 51.4

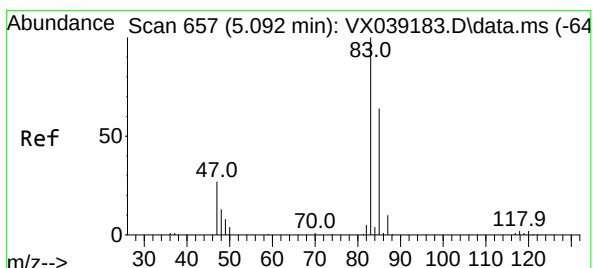
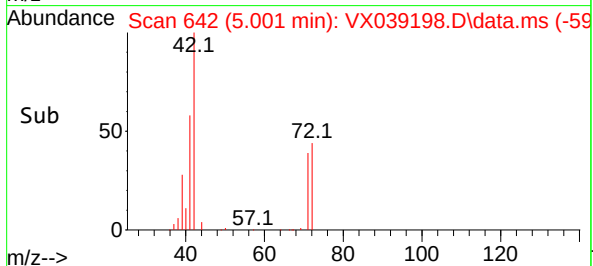
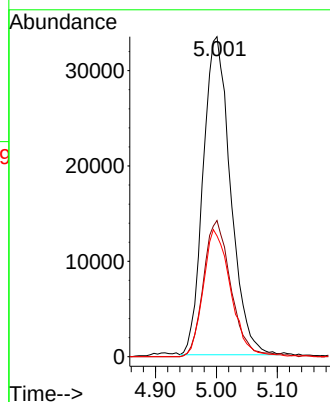
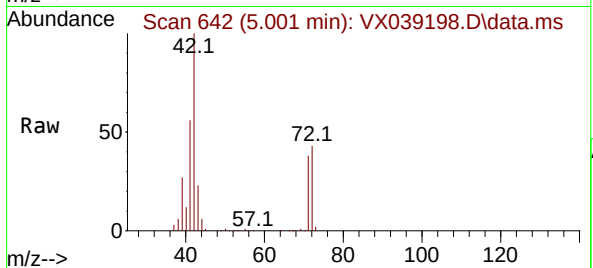
71 39.9 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#30

Chloroform

Concen: 19.679 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039198.D

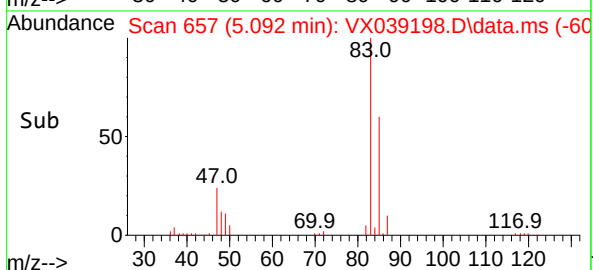
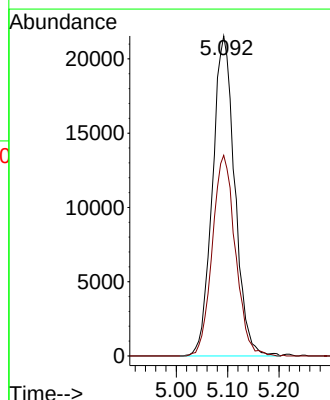
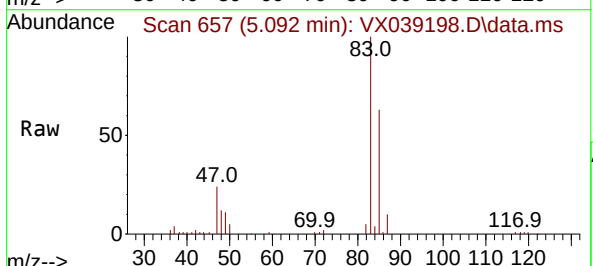
Acq: 14 Dec 2023 10:55

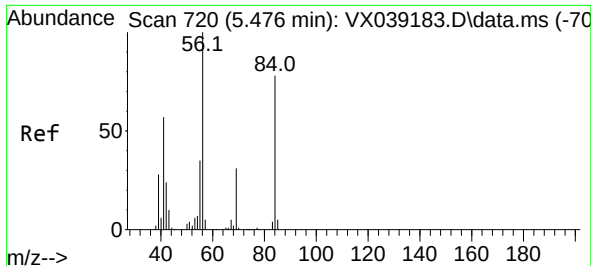
Tgt Ion: 83 Resp: 64828

Ion Ratio Lower Upper

83 100

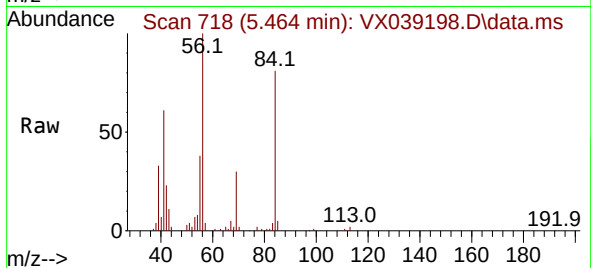
85 62.7 50.3 75.5





#31
Cyclohexane
Concen: 19.405 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

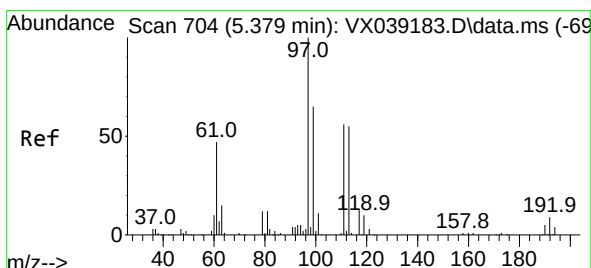
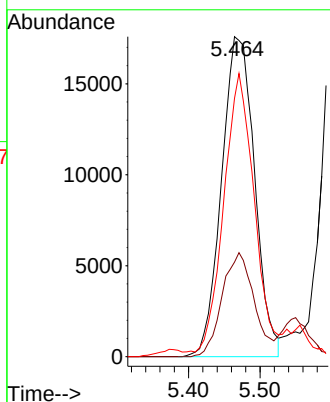
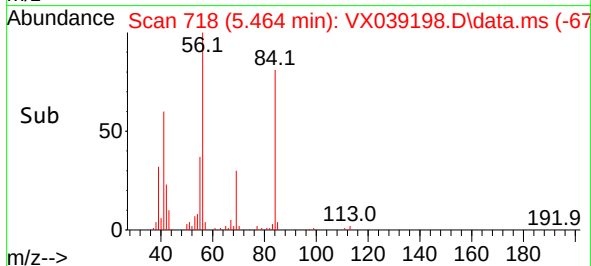
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion: 56 Resp: 5646
Ion Ratio Lower Upper
56 100
69 29.5 23.4 35.2
84 78.8 65.9 98.9

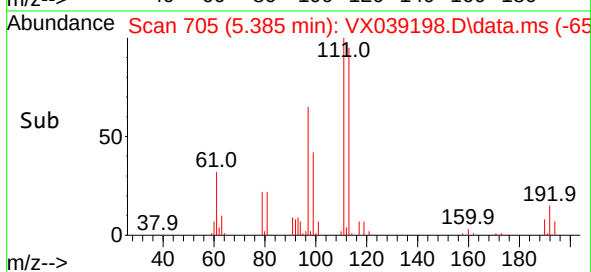
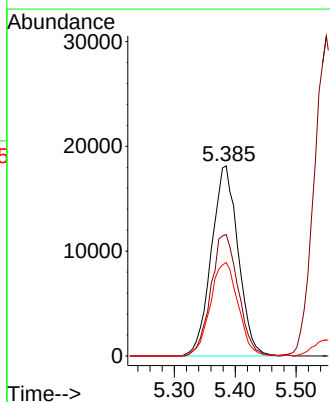
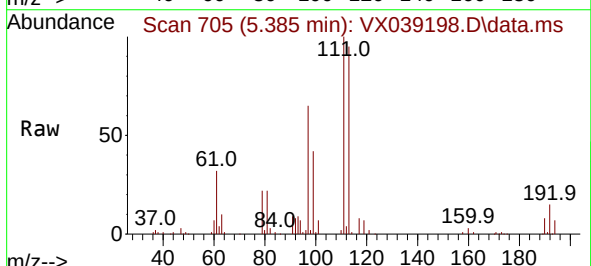
Manual Integrations
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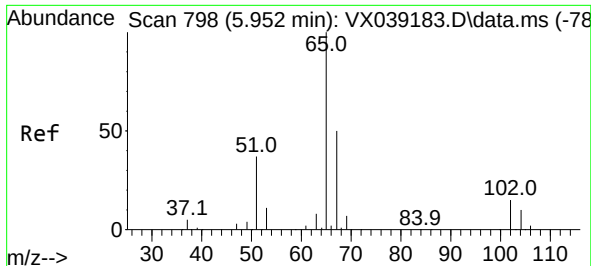
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#32
1,1,1-Trichloroethane
Concen: 19.353 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Tgt Ion: 97 Resp: 55345
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 51.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.298 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 65 Resp: 11331

Ion Ratio Lower Upper

65 100

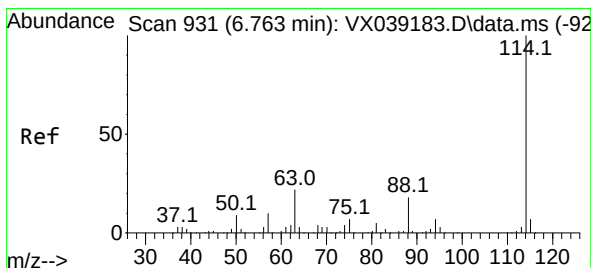
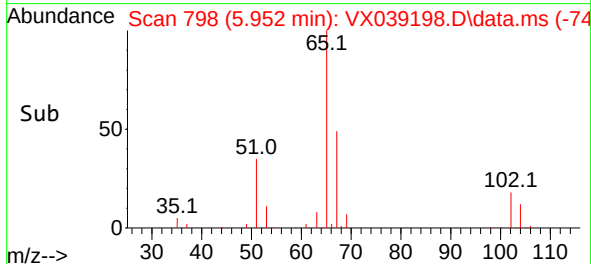
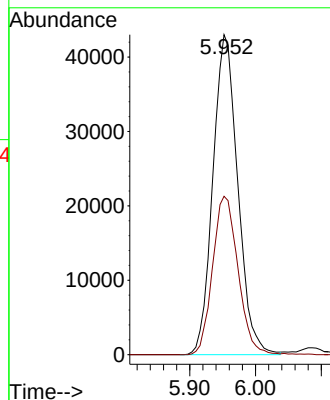
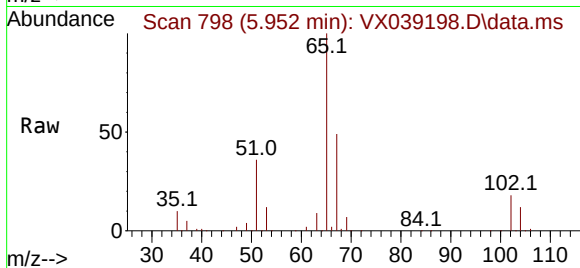
67 50.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

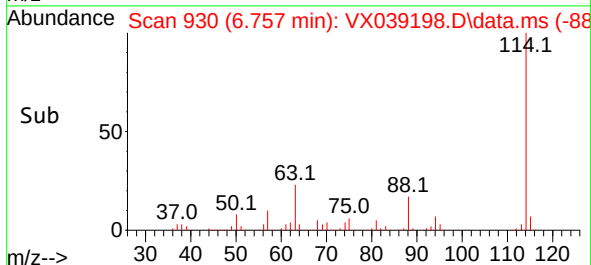
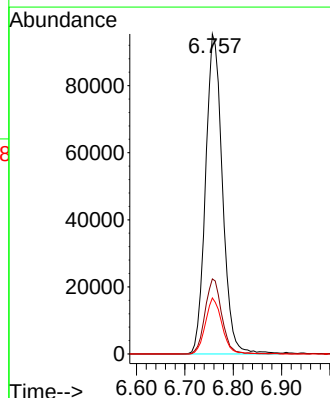
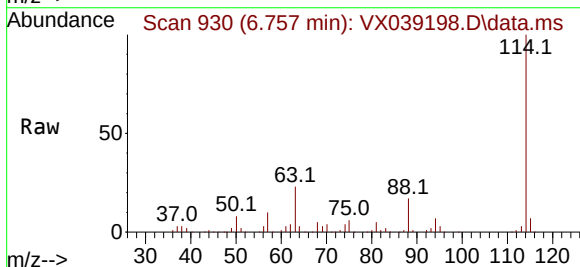
Tgt Ion:114 Resp: 231505

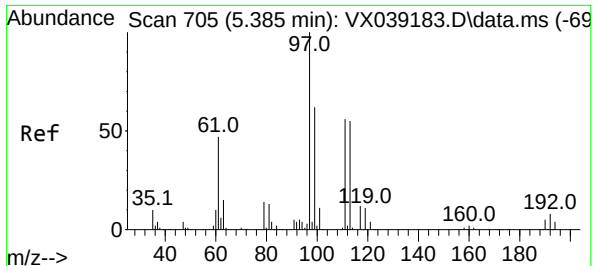
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

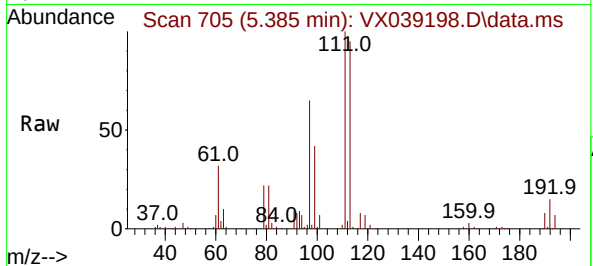
88 17.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.160 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

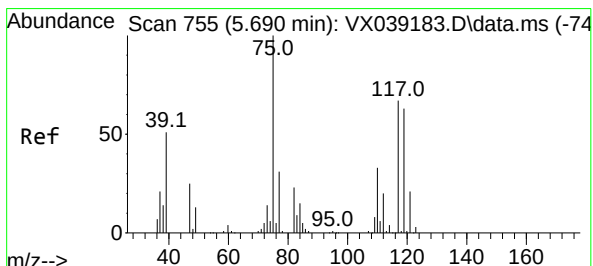
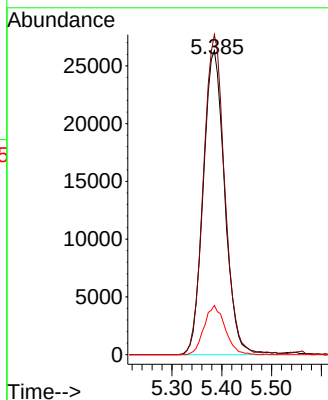
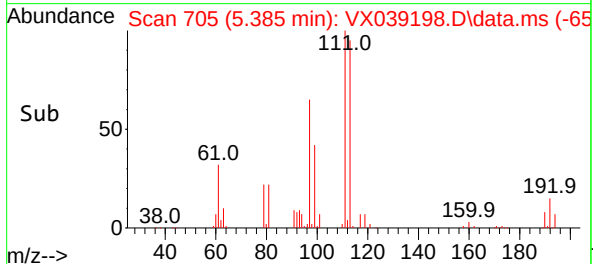
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion:113 Resp: 78624
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 15.8 13.3 19.9

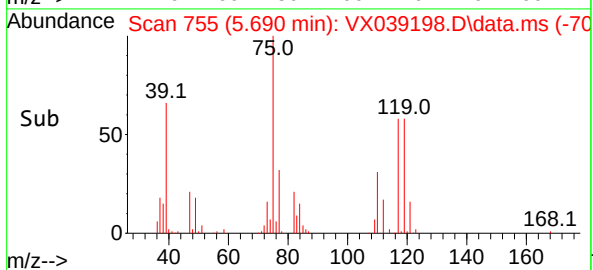
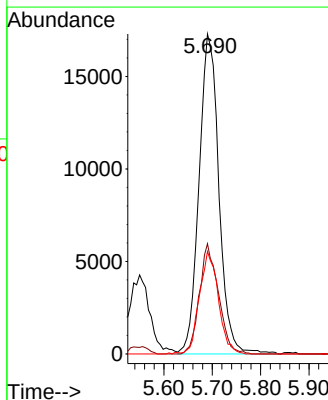
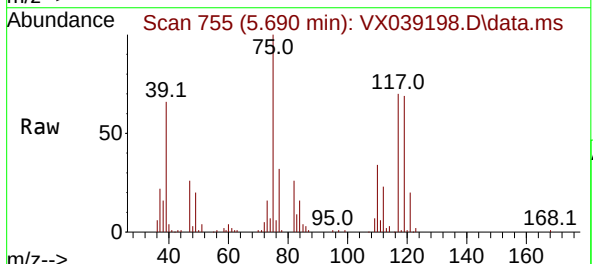
Manual Integrations
APPROVED

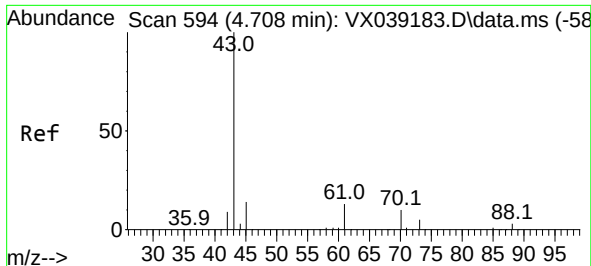
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#36
1,1-Dichloropropene
Concen: 19.550 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

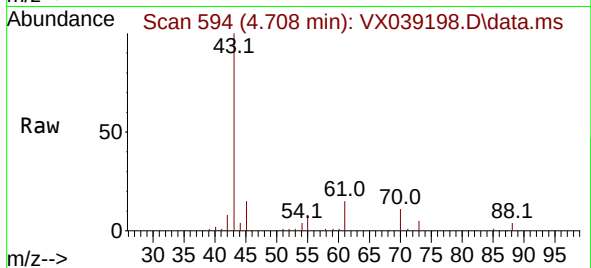
Tgt Ion: 75 Resp: 49340
Ion Ratio Lower Upper
75 100
110 32.9 17.0 50.9
77 30.6 24.7 37.1





#37
Ethyl Acetate
Concen: 18.949 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

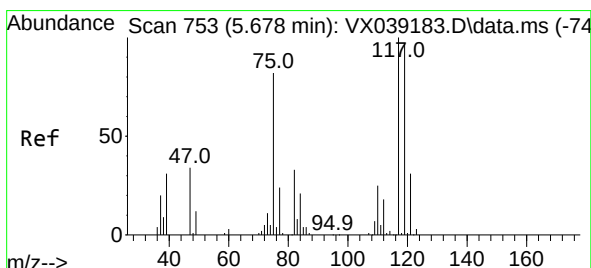
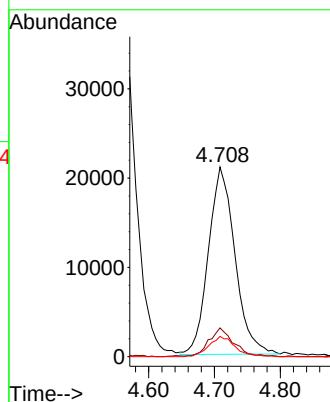
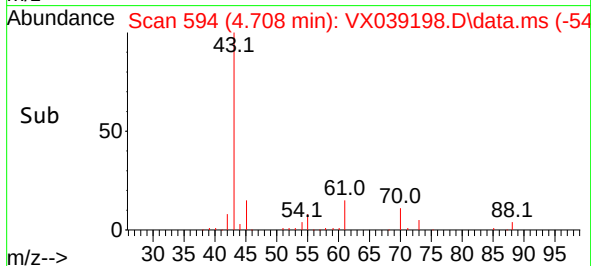
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion: 43 Resp: 5908
Ion Ratio Lower Upper
43 100
61 14.3 10.6 16.0
70 10.6 8.3 12.5

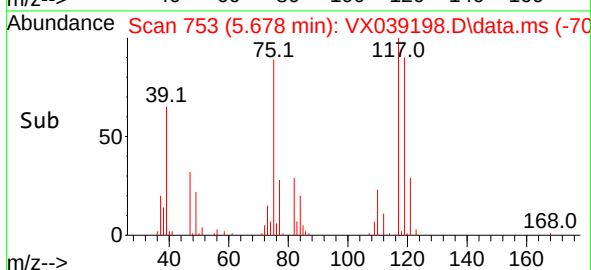
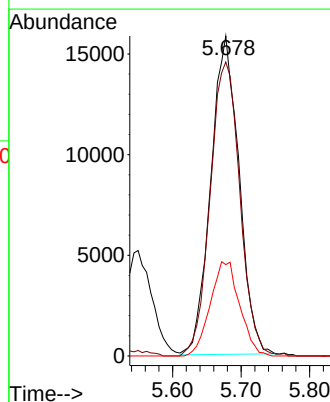
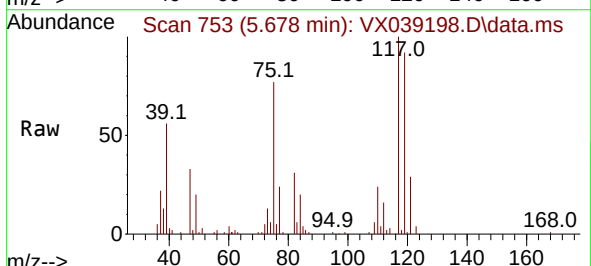
Manual Integrations
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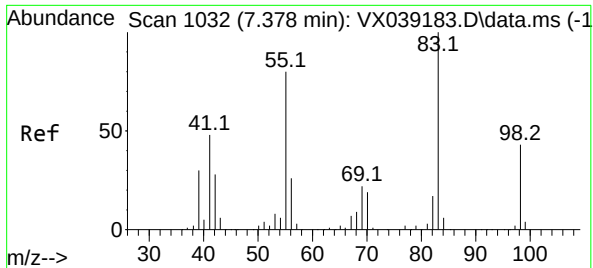
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#38
Carbon Tetrachloride
Concen: 18.774 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Tgt Ion:117 Resp: 45218
Ion Ratio Lower Upper
117 100
119 92.5 78.2 117.2
121 28.8 24.4 36.6





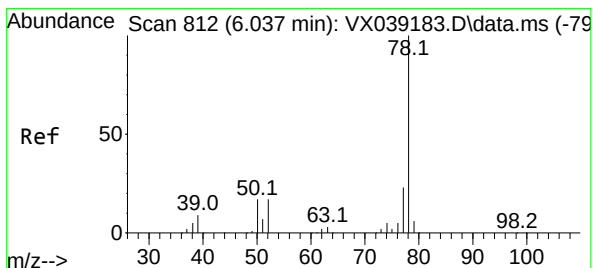
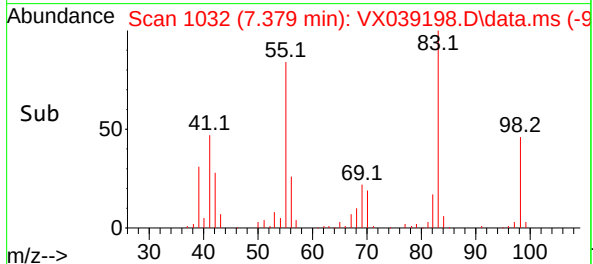
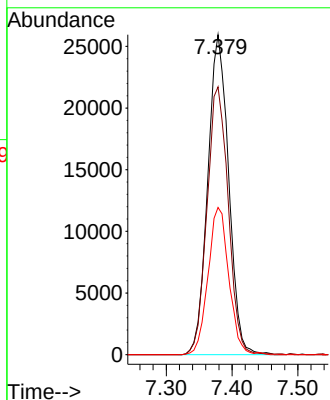
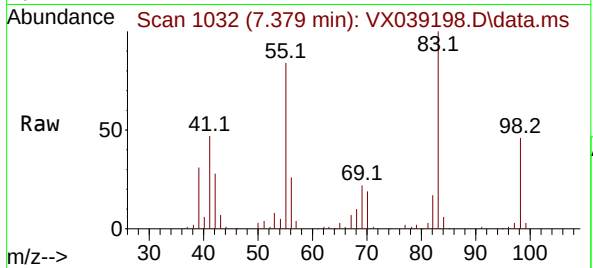
#39
Methylcyclohexane
Concen: 18.926 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 83 Resp: 57379
Ion Ratio Lower Upper
83 100
55 83.7 64.6 97.0
98 46.0 36.7 55.1

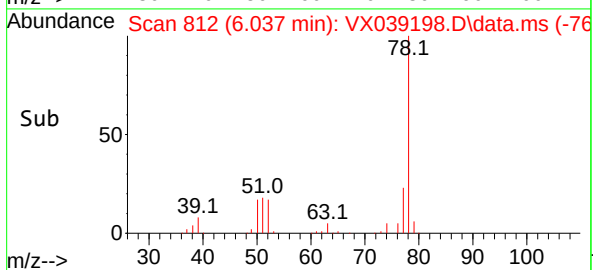
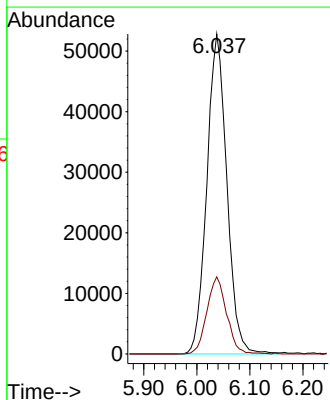
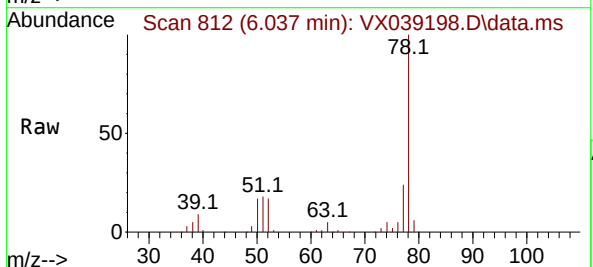
Manual Integrations
APPROVED

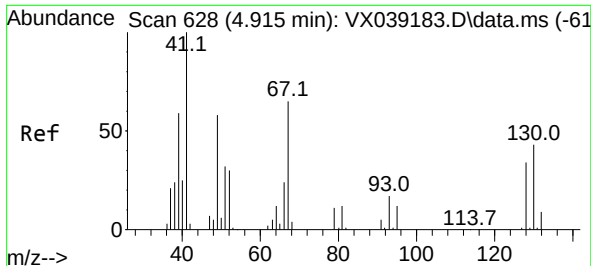
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#40
Benzene
Concen: 19.401 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

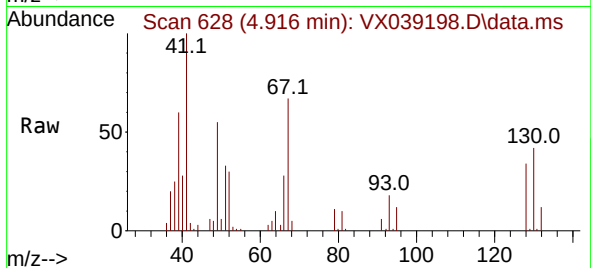
Tgt Ion: 78 Resp: 138507
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 18.502 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

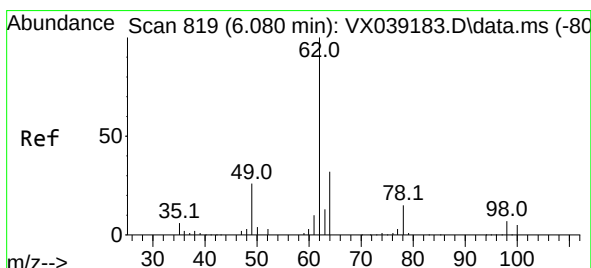
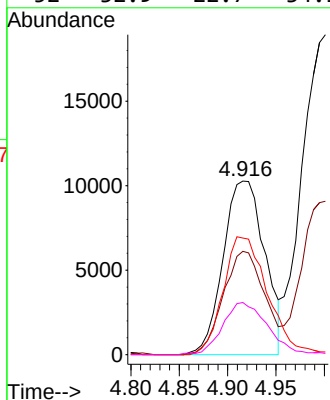
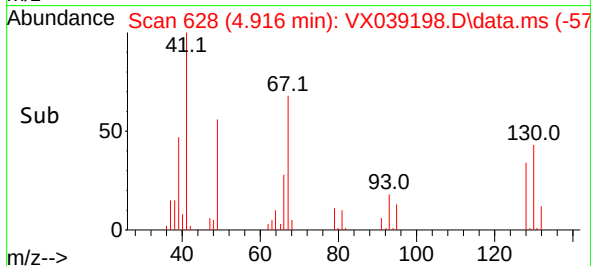
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion: 41 Resp: 30780
Ion Ratio Lower Upper
41 100
39 58.7 45.2 67.8
67 72.7 52.6 78.8
52 32.9 22.7 34.1

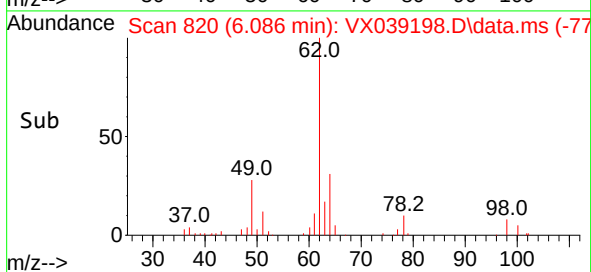
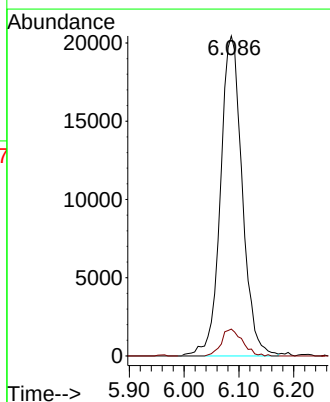
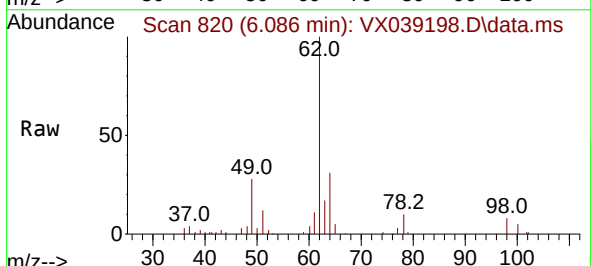
Manual Integrations
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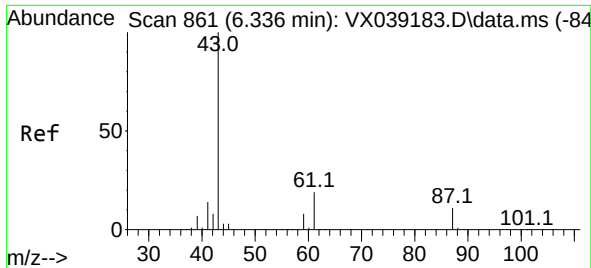
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#42
1,2-Dichloroethane
Concen: 19.522 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Tgt Ion: 62 Resp: 56417
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.777 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 43 Resp: 95208

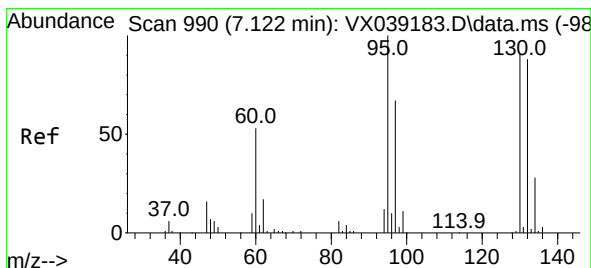
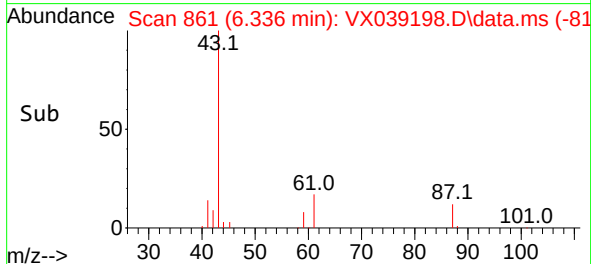
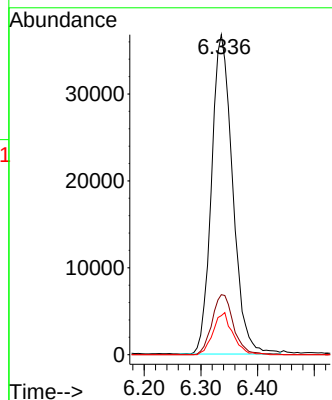
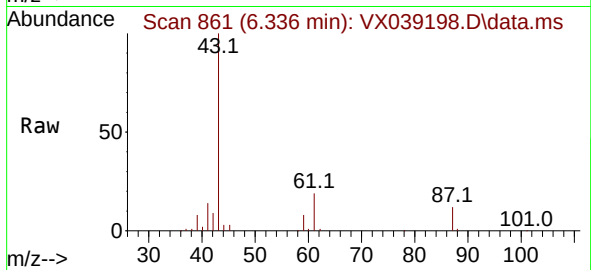
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.2	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#44

Trichloroethene

Concen: 19.167 ug/l

RT: 7.123 min Scan# 990

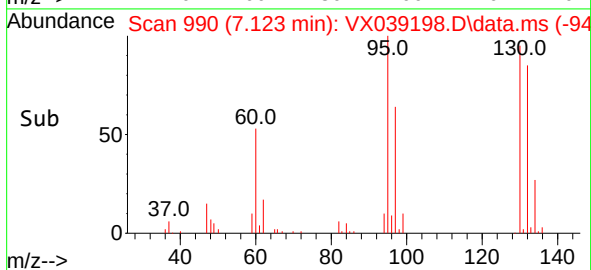
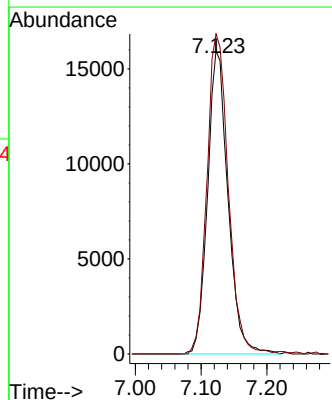
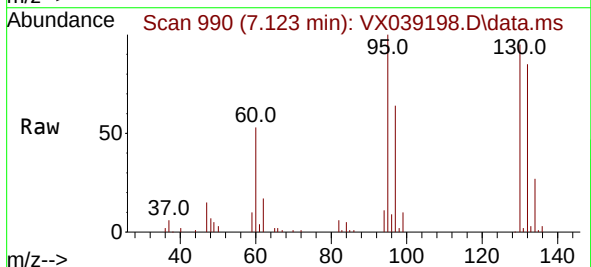
Delta R.T. 0.000 min

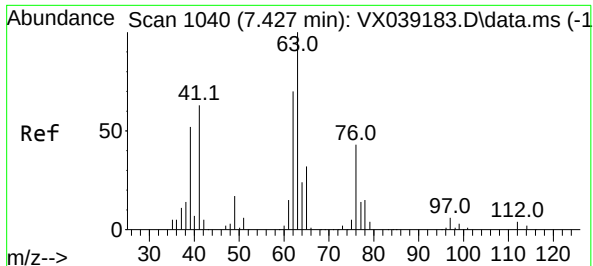
Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Tgt Ion:130 Resp: 34530

Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	204.4





#45

1,2-Dichloropropane

Concen: 19.583 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 63 Resp: 3752

Ion Ratio Lower Upper

63 100

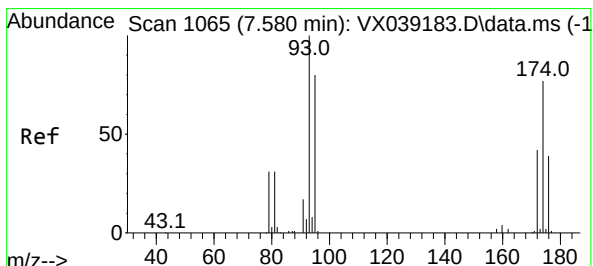
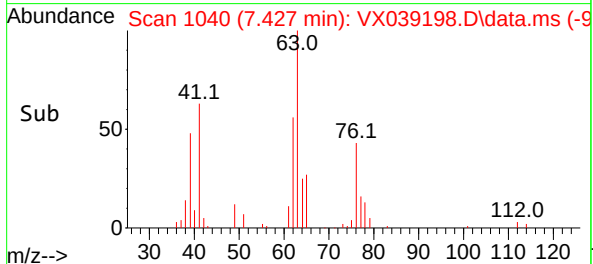
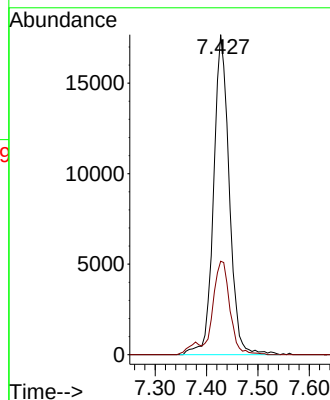
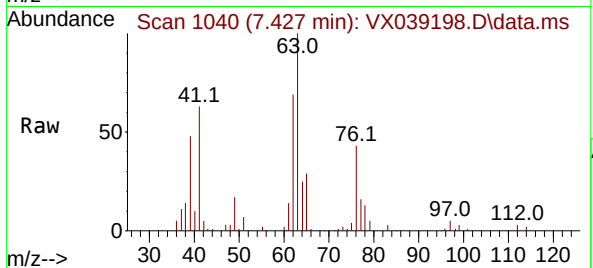
65 29.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#46

Dibromomethane

Concen: 19.134 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

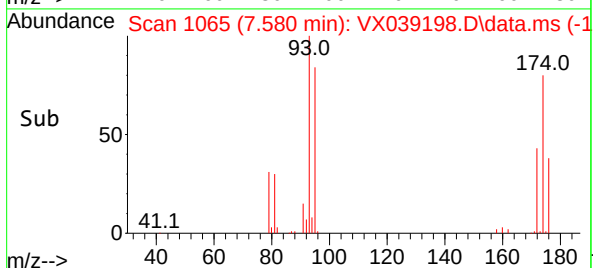
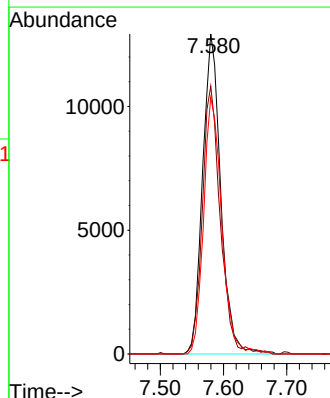
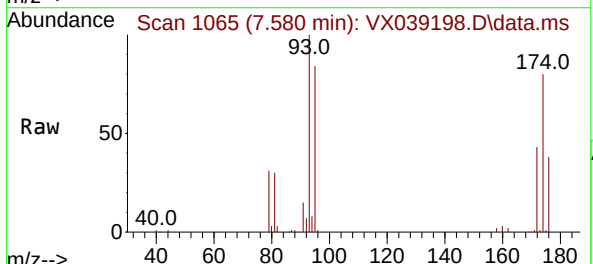
Tgt Ion: 93 Resp: 25771

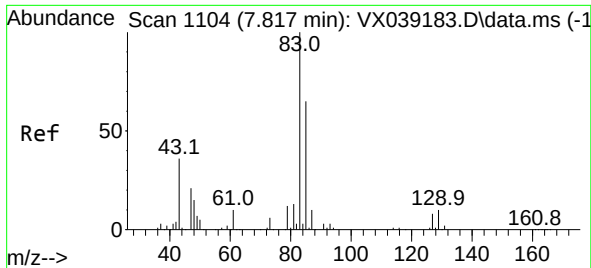
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 80.4 69.4 104.0





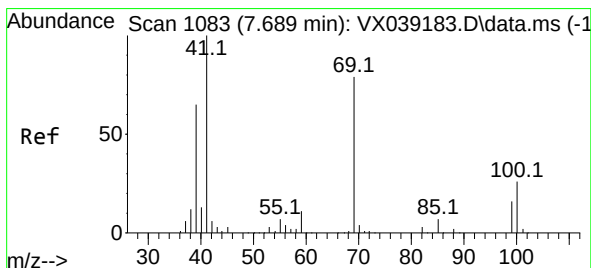
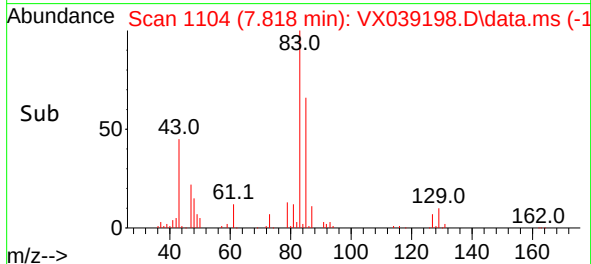
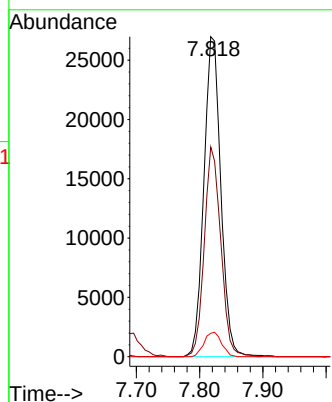
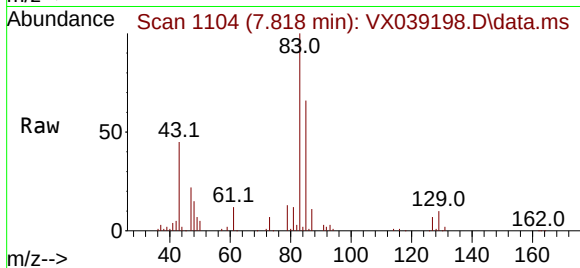
#47
Bromodichloromethane
Concen: 19.576 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 83 Resp: 5041
Ion Ratio Lower Upper
83 100
85 65.5 49.8 74.6
127 7.3 7.1 10.7

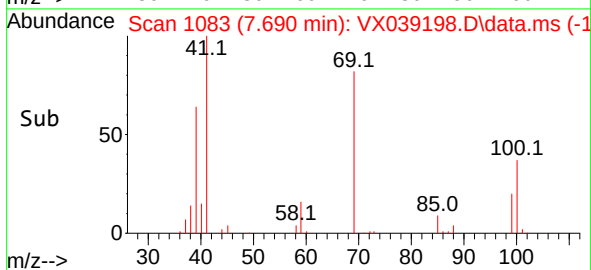
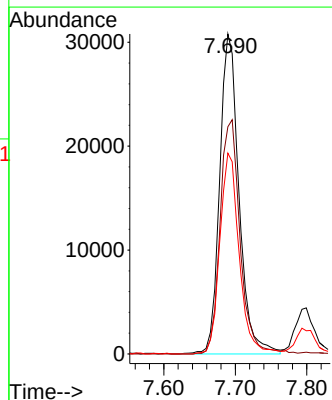
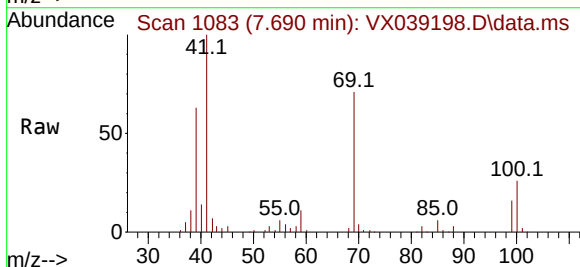
Manual Integrations
APPROVED

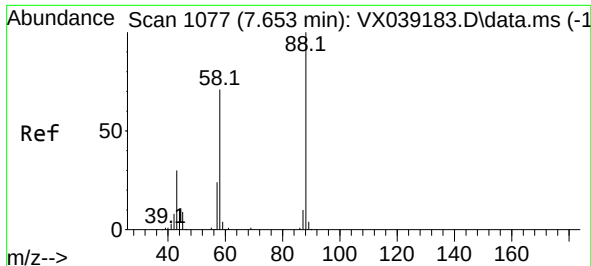
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#48
Methyl methacrylate
Concen: 19.500 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Tgt Ion: 41 Resp: 57804
Ion Ratio Lower Upper
41 100
69 76.0 59.2 88.8
39 62.9 47.7 71.5





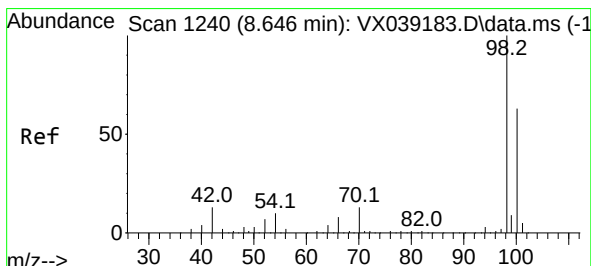
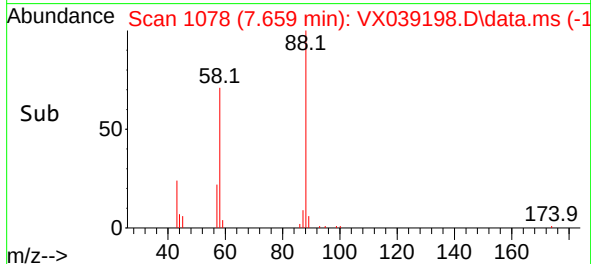
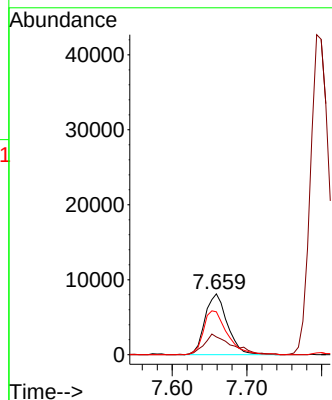
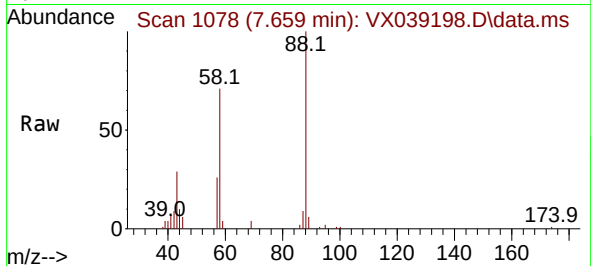
#49
1,4-Dioxane
Concen: 420.580 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 88 Resp: 1680
Ion Ratio Lower Upper
88 100
43 41.6 0.0 0.0
58 76.5 60.1 90.1

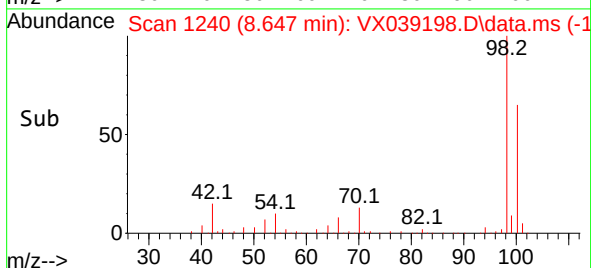
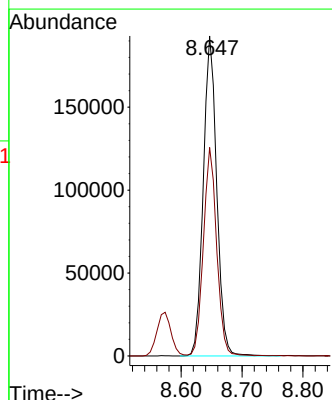
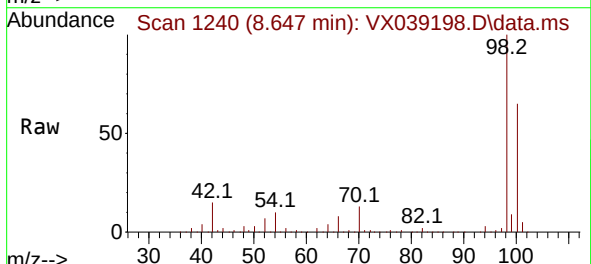
Manual Integrations
APPROVED

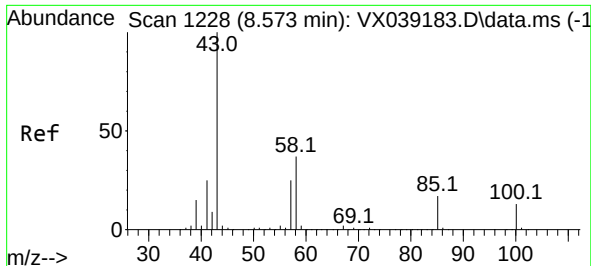
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#50
Toluene-d8
Concen: 49.973 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Tgt Ion: 98 Resp: 296722
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 98.281 ug/l

RT: 8.567 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 43 Resp: 317500

Ion Ratio Lower Upper

43 100

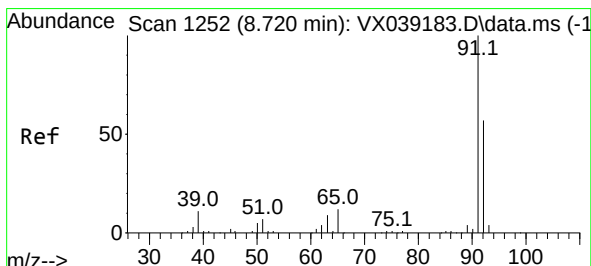
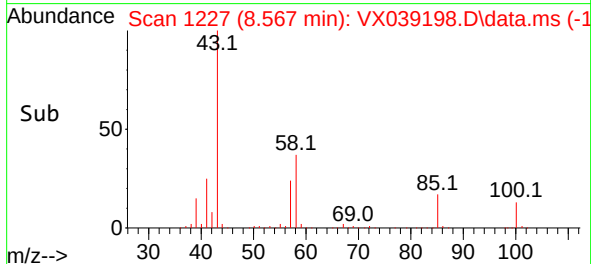
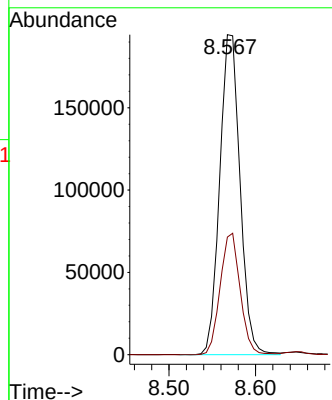
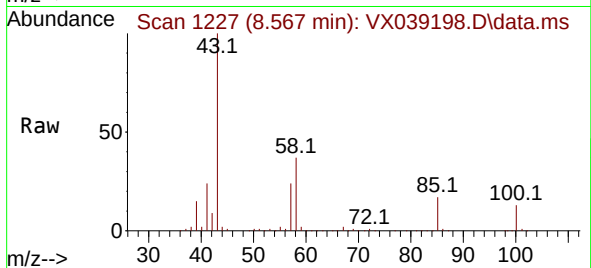
58 37.3 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#52

Toluene

Concen: 19.317 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX039198.D

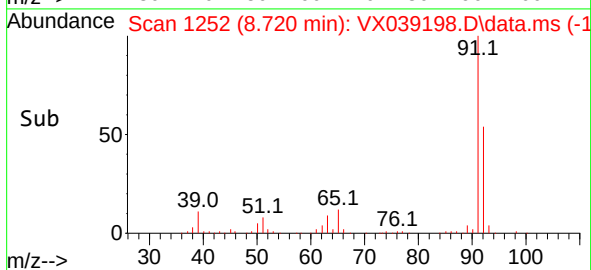
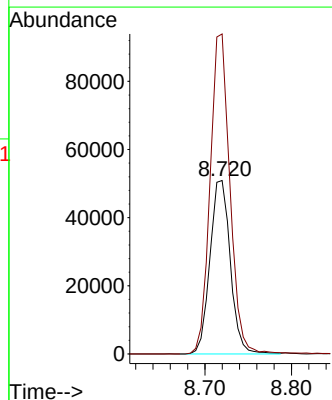
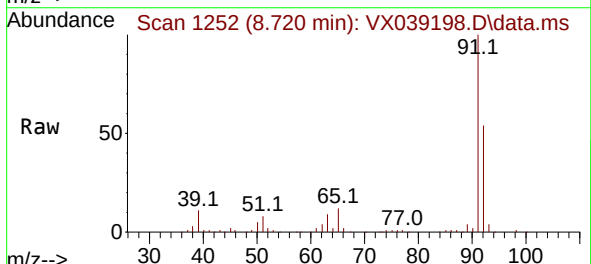
Acq: 14 Dec 2023 10:55

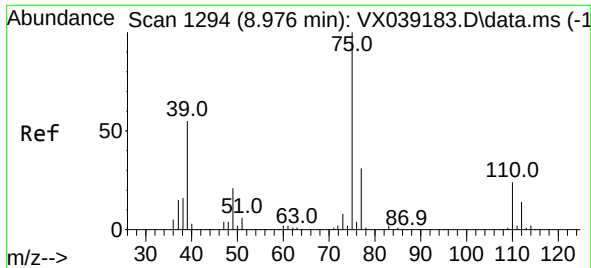
Tgt Ion: 92 Resp: 83237

Ion Ratio Lower Upper

92 100

91 180.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.777 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 75 Resp: 5607

Ion Ratio Lower Upper

75 100

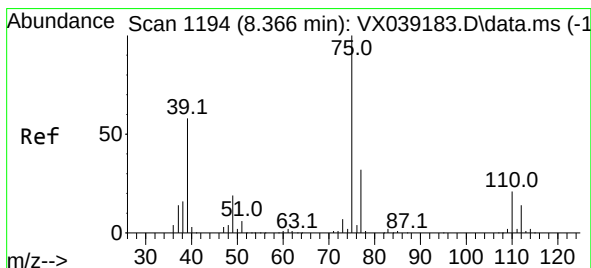
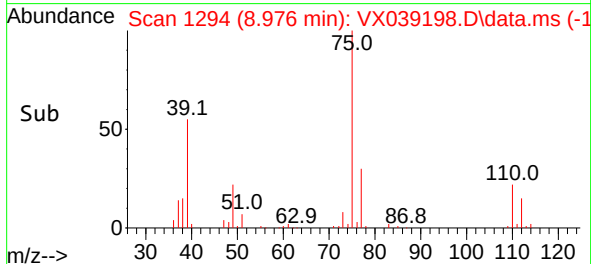
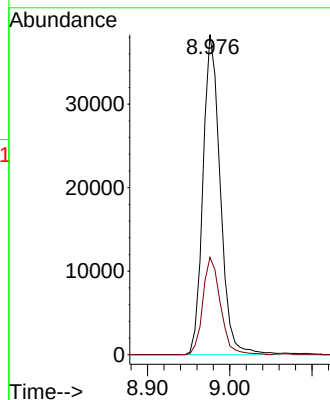
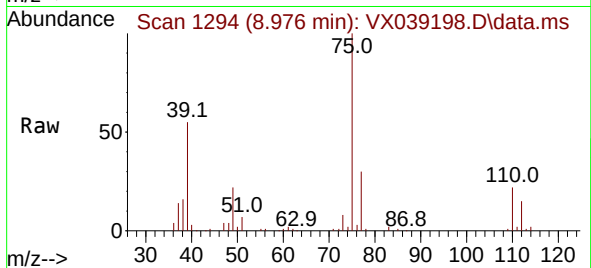
77 30.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#54

cis-1,3-Dichloropropene

Concen: 19.633 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

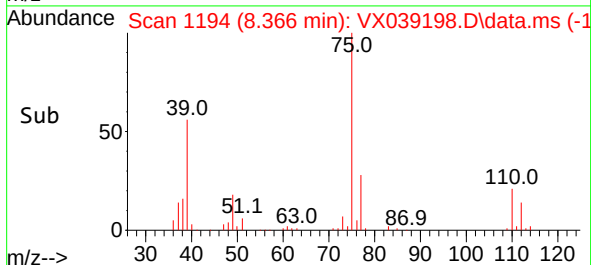
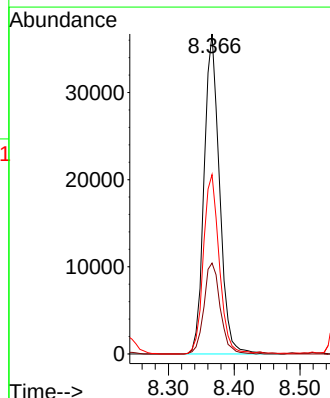
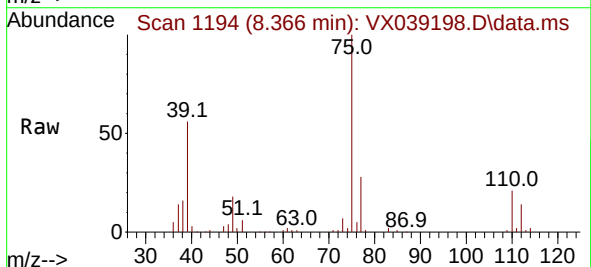
Tgt Ion: 75 Resp: 59895

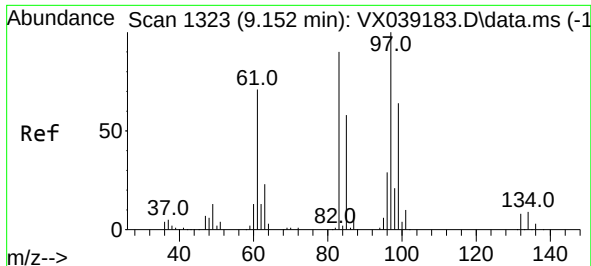
Ion Ratio Lower Upper

75 100

77 28.4 25.3 37.9

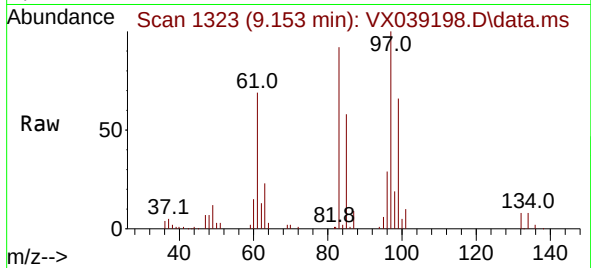
39 56.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 19.167 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

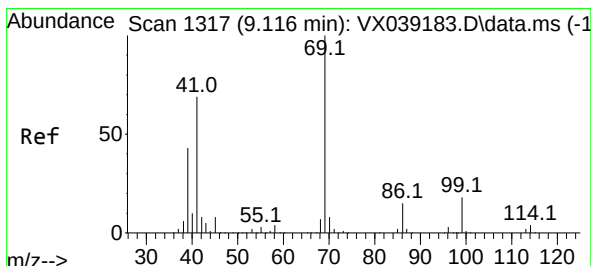
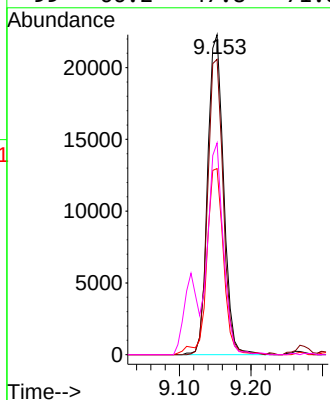
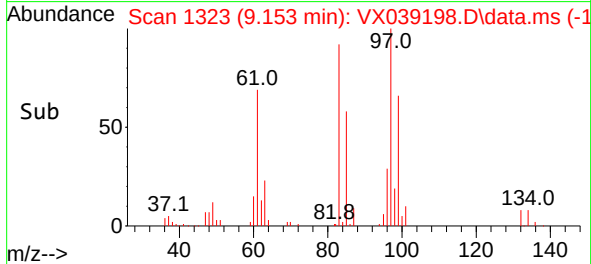
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



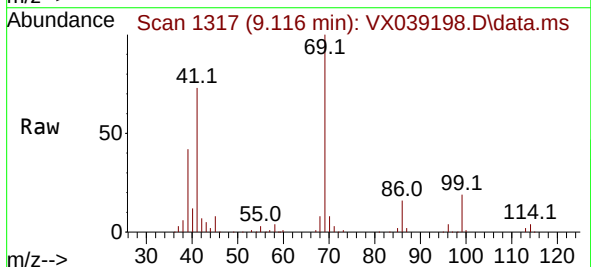
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.3	65.8	98.8
85	58.2	41.6	62.4
99	66.2	47.8	71.8

Manual Integrations
APPROVED

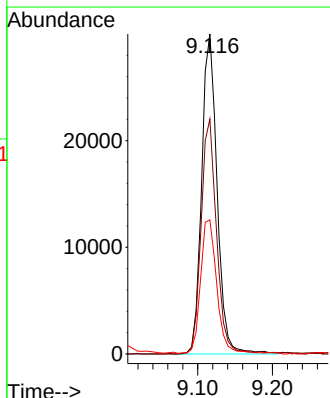
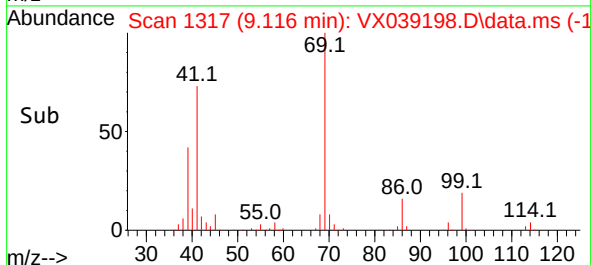
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

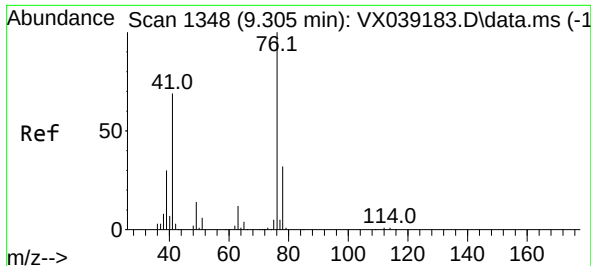


#56
Ethyl methacrylate
Concen: 19.580 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55



Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.4	56.8	85.2
39	43.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 19.770 ug/l

RT: 9.305 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 76 Resp: 6148

Ion Ratio Lower Upper

76 100

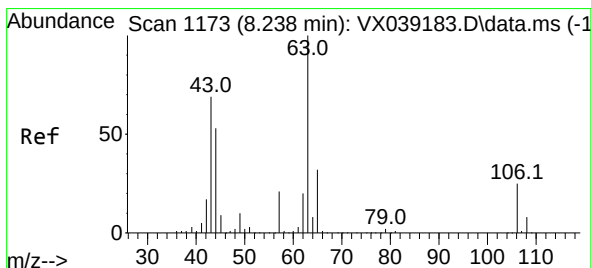
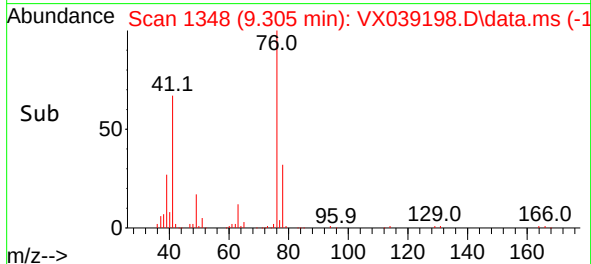
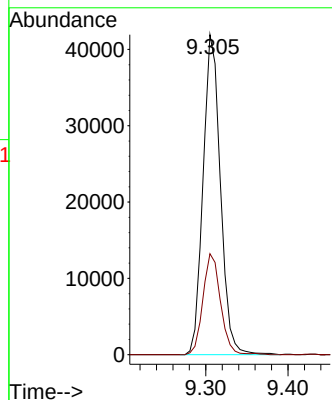
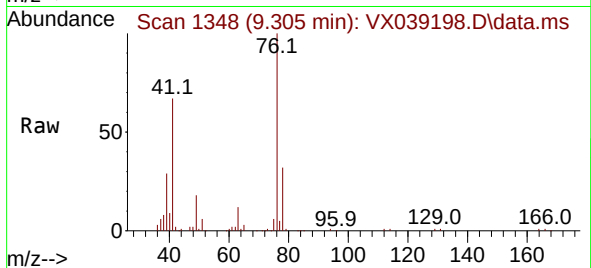
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 94.657 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039198.D

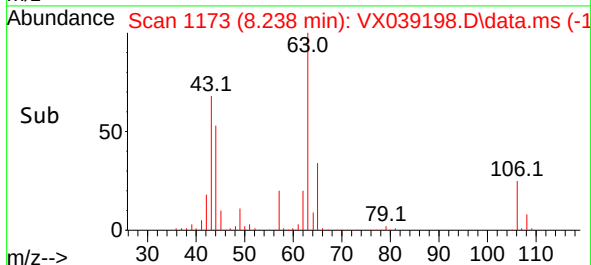
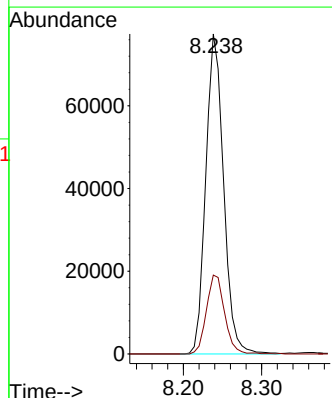
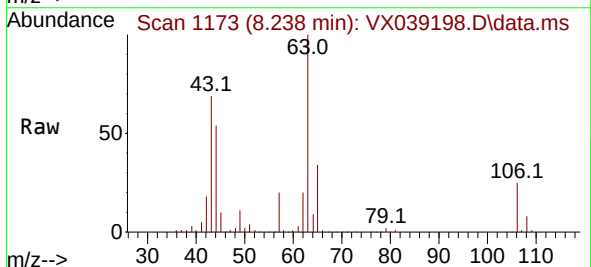
Acq: 14 Dec 2023 10:55

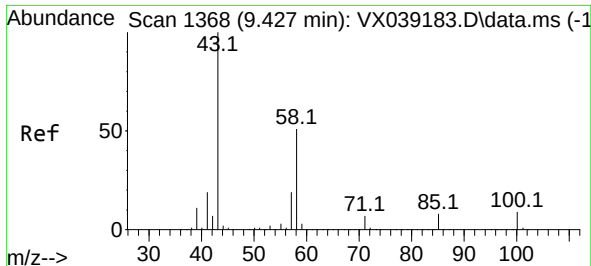
Tgt Ion: 63 Resp: 122061

Ion Ratio Lower Upper

63 100

106 25.2 22.5 33.7





#59

2-Hexanone

Concen: 90.348 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 43 Resp: 25190

Ion Ratio Lower Upper

43 100

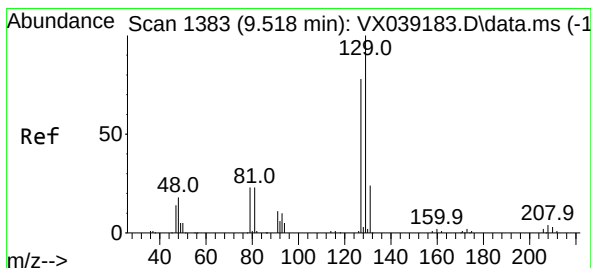
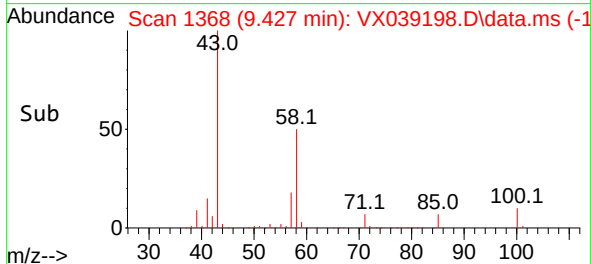
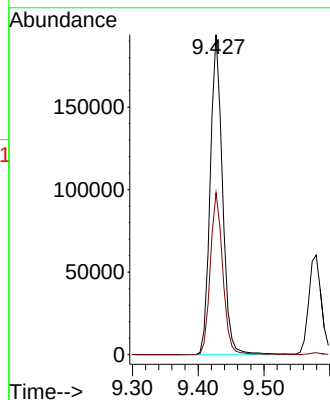
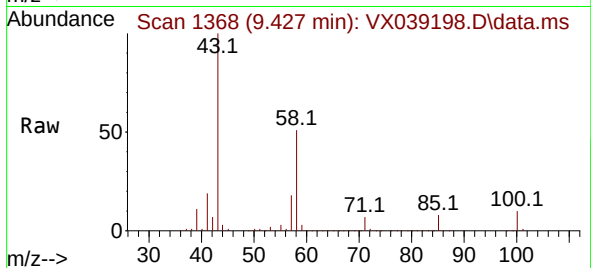
58 51.5 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#60

Dibromochloromethane

Concen: 19.368 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039198.D

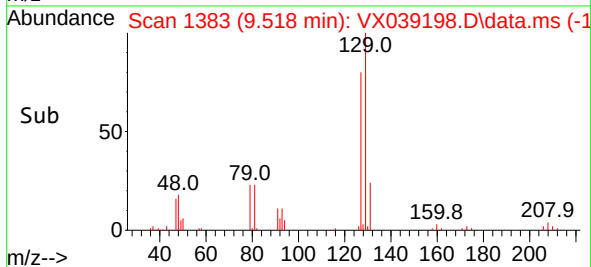
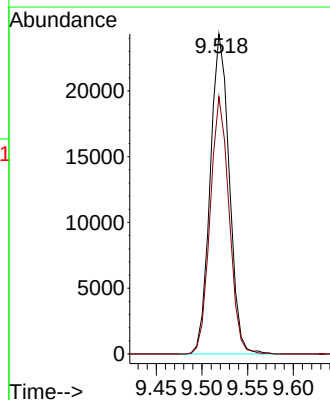
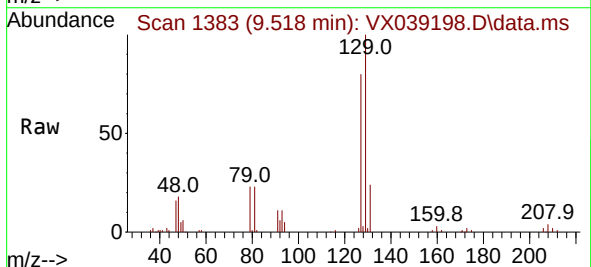
Acq: 14 Dec 2023 10:55

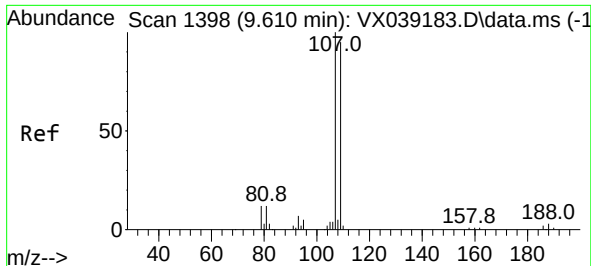
Tgt Ion:129 Resp: 35236

Ion Ratio Lower Upper

129 100

127 79.5 38.8 116.4





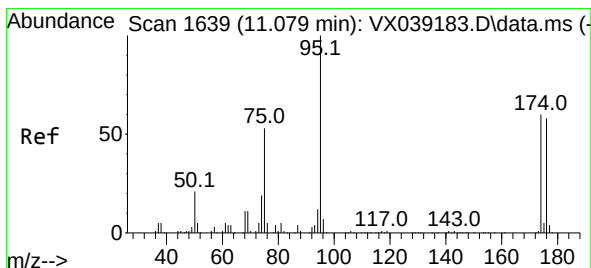
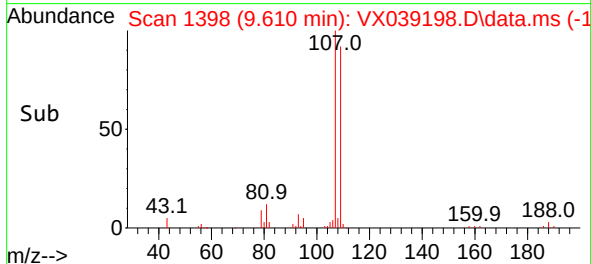
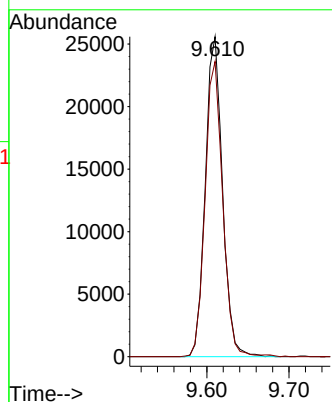
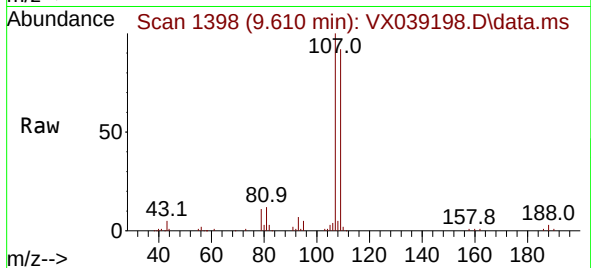
#61
1,2-Dibromoethane
Concen: 19.332 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion:107 Resp: 37120
Ion Ratio Lower Upper
107 100
109 94.4 75.2 112.8

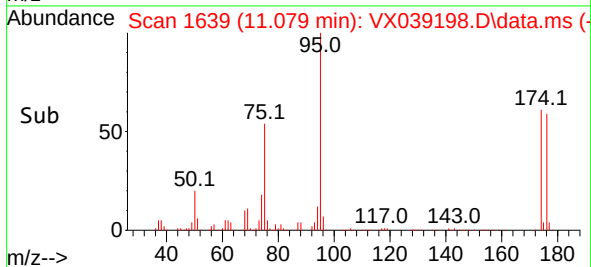
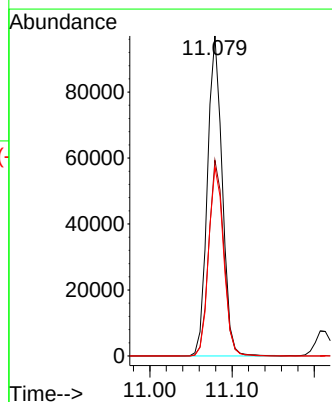
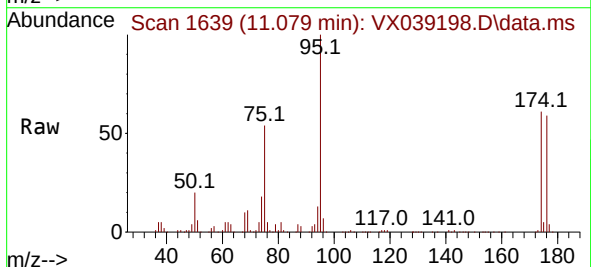
Manual Integrations
APPROVED

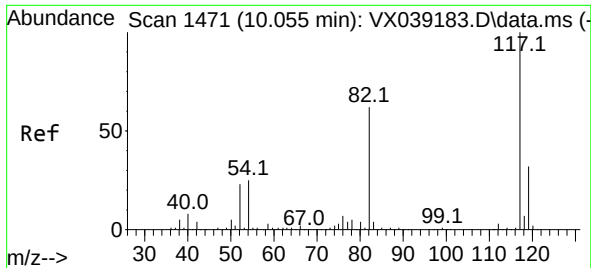
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#62
4-Bromofluorobenzene
Concen: 49.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

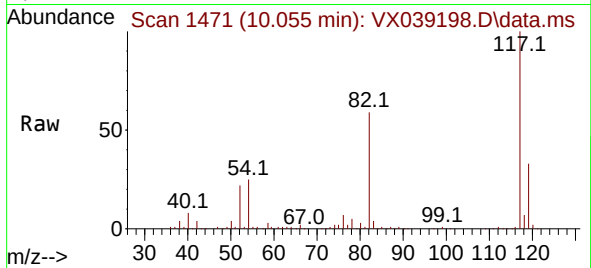
Tgt Ion: 95 Resp: 121214
Ion Ratio Lower Upper
95 100
174 62.0 0.0 135.6
176 59.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

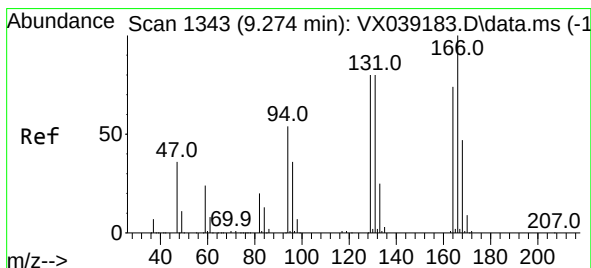
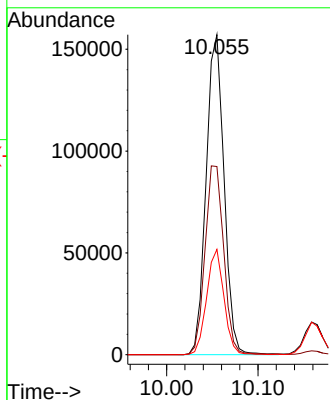
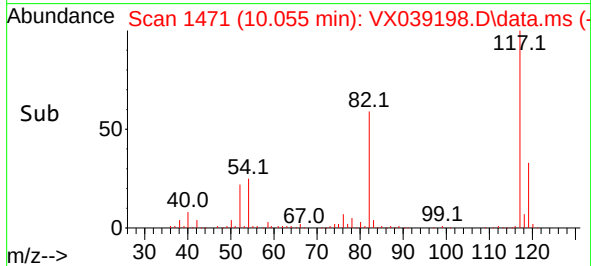
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



Tgt Ion:117 Resp: 213620
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 32.9 25.5 38.3

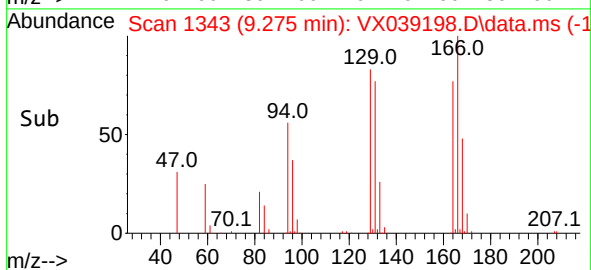
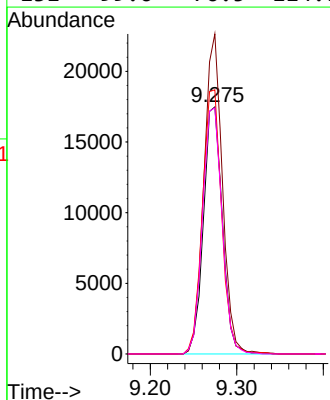
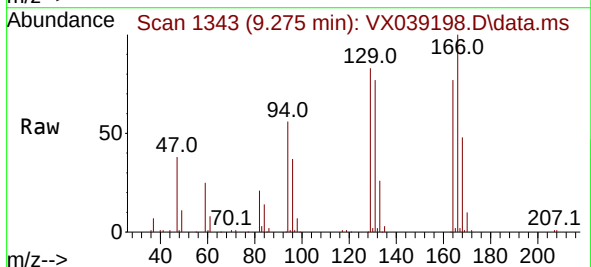
Manual Integrations
APPROVED

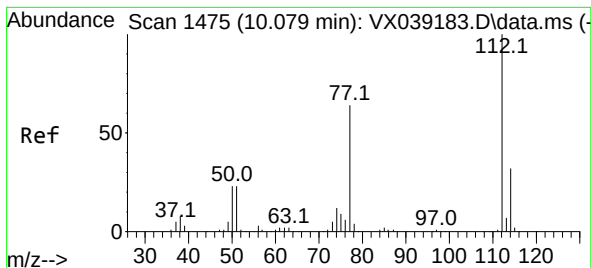
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#64
Tetrachloroethene
Concen: 19.008 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Tgt Ion:164 Resp: 26535
Ion Ratio Lower Upper
164 100
166 129.5 102.7 154.1
129 106.9 80.4 120.6
131 99.6 76.5 114.7





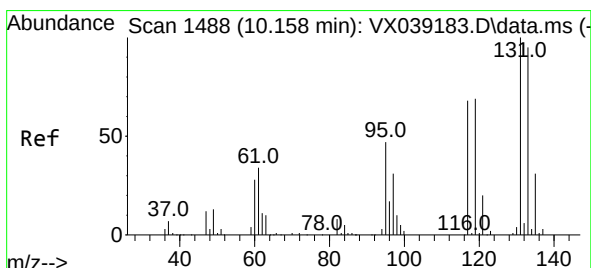
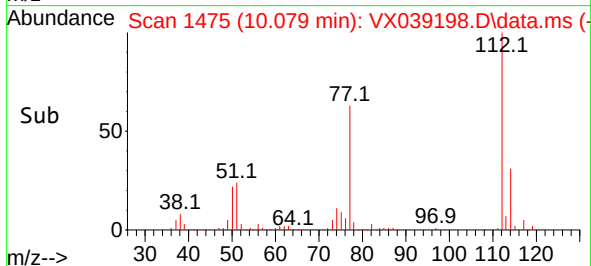
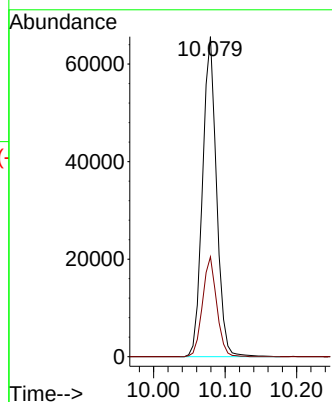
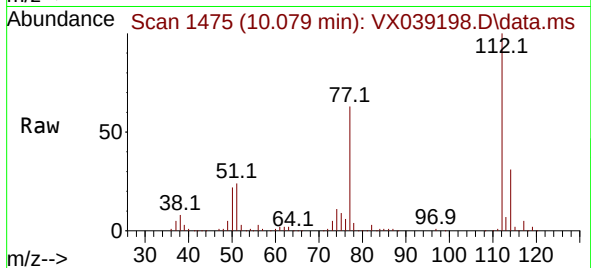
#65
Chlorobenzene
Concen: 19.152 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion:112 Resp: 8930
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

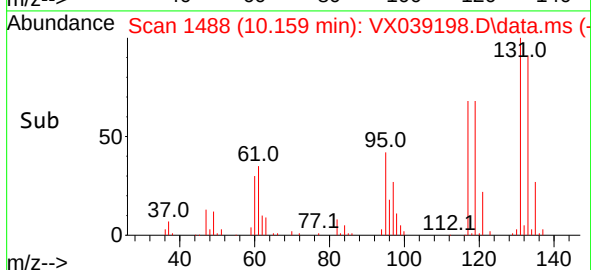
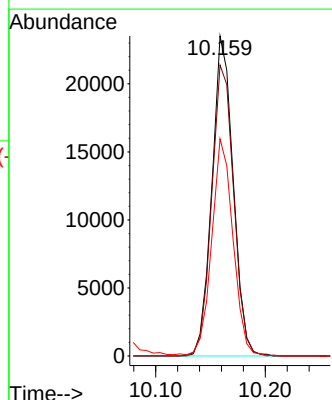
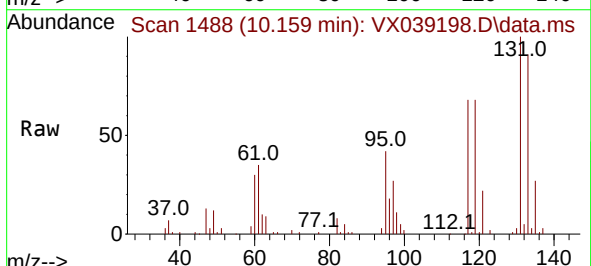
Manual Integrations
APPROVED

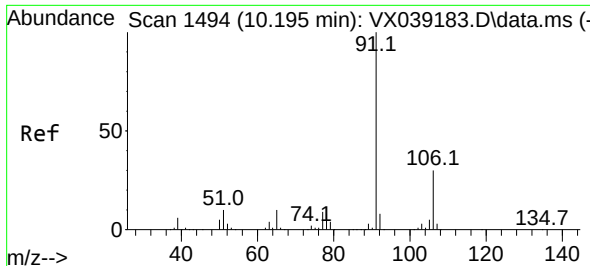
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.201 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

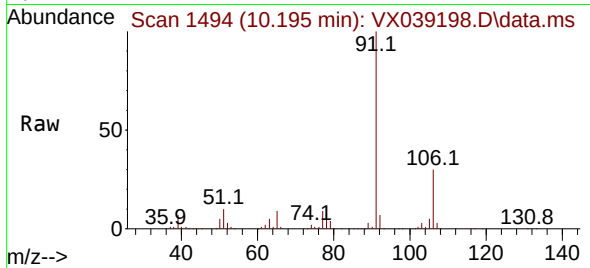
Tgt Ion:131 Resp: 31624
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.4
119 68.3 32.2 96.6





#67
Ethyl Benzene
Concen: 19.544 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

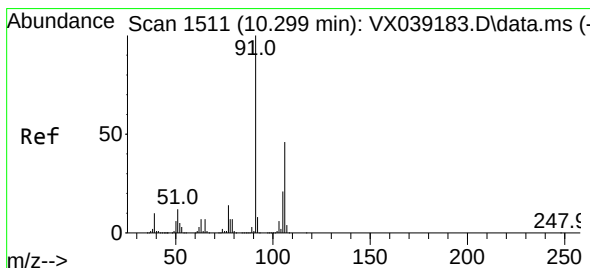
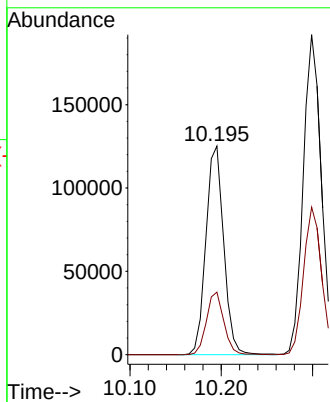
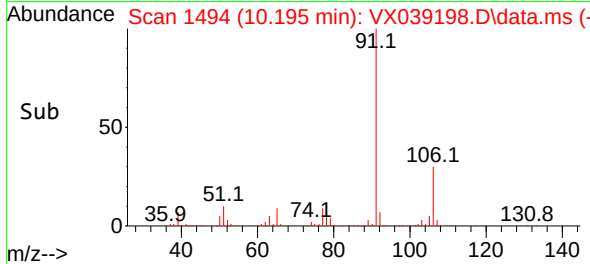
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



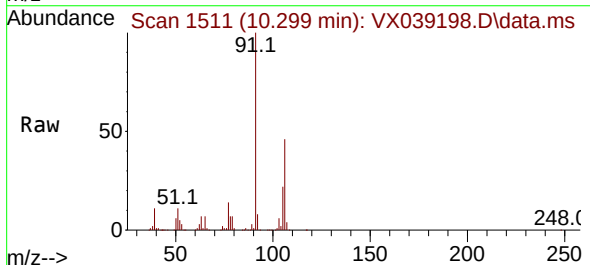
Tgt Ion: 91 Resp: 169637
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

Manual Integrations
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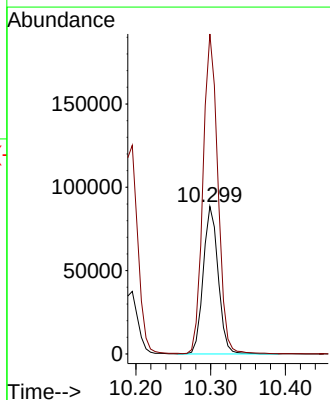
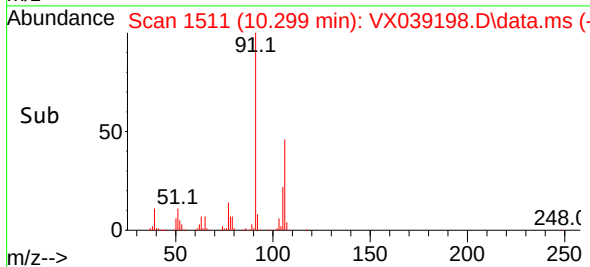
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

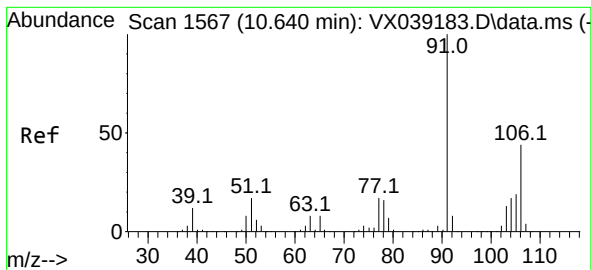


#68
m/p-Xylenes
Concen: 39.534 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55



Tgt Ion:106 Resp: 123029
Ion Ratio Lower Upper
106 100
91 216.0 165.5 248.3





#69

o-Xylene

Concen: 19.256 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion:106 Resp: 57939

Ion Ratio Lower Upper

106 100

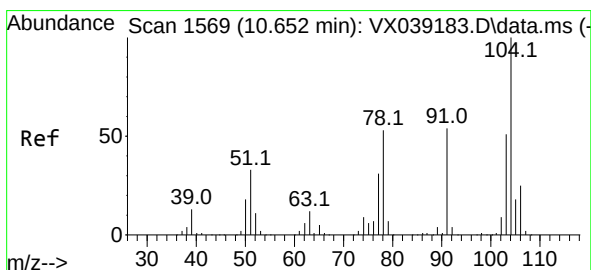
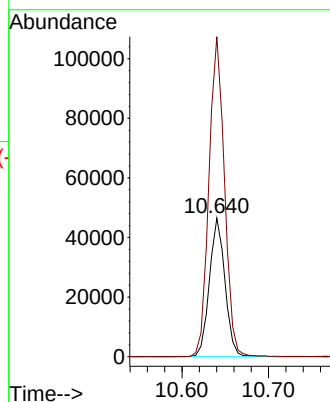
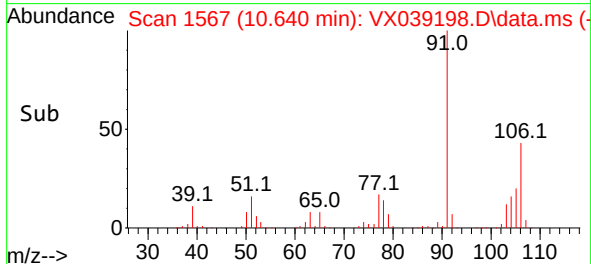
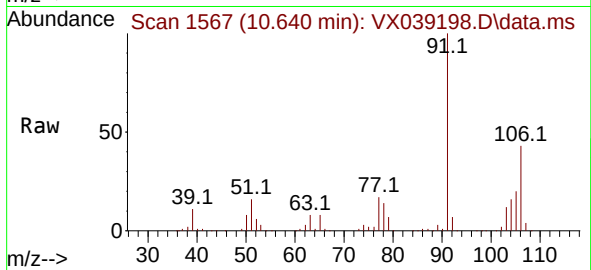
91 231.1 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#70

Styrene

Concen: 19.634 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

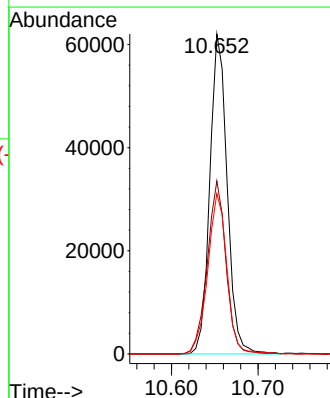
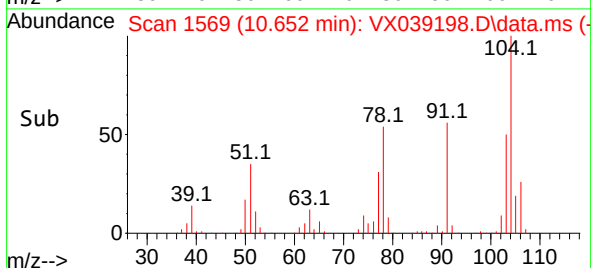
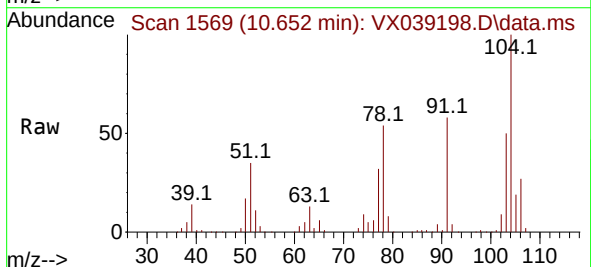
Tgt Ion:104 Resp: 86365

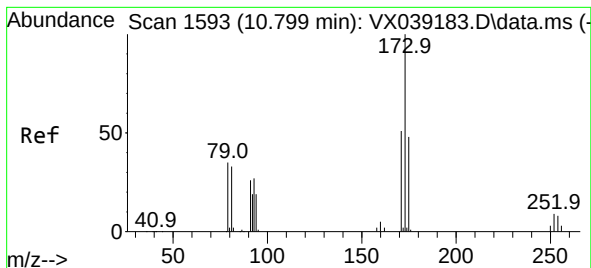
Ion Ratio Lower Upper

104 100

78 58.5 43.6 65.4

103 55.3 43.6 65.4





#71

Bromoform

Concen: 19.128 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

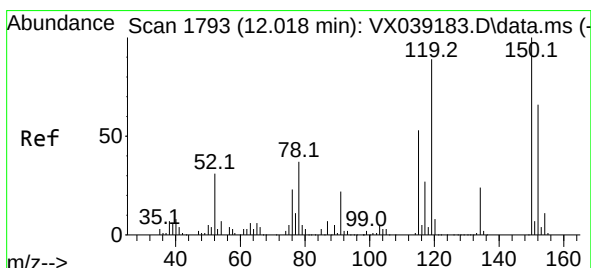
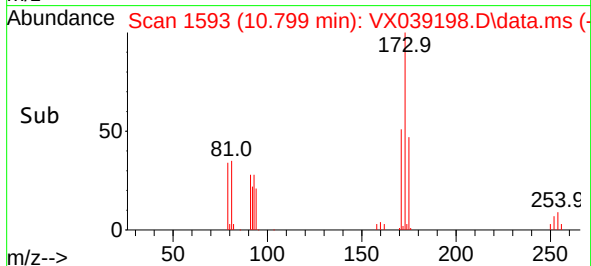
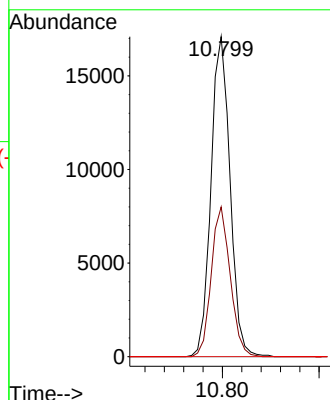
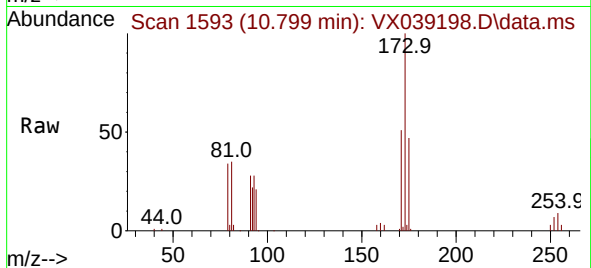
Tgt Ion:	173	Resp:	2341
Ion Ratio	Lower	Upper	
173	100		
175	46.5	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

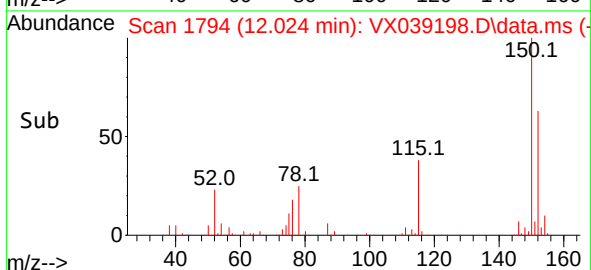
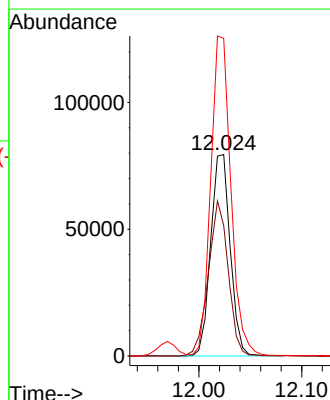
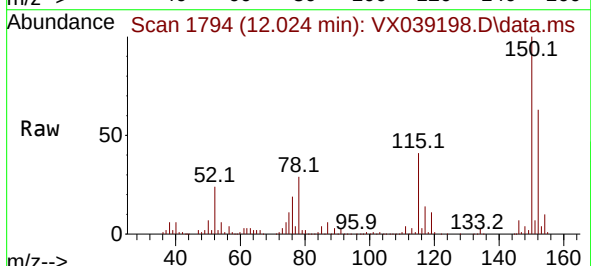
RT: 12.024 min Scan# 1794

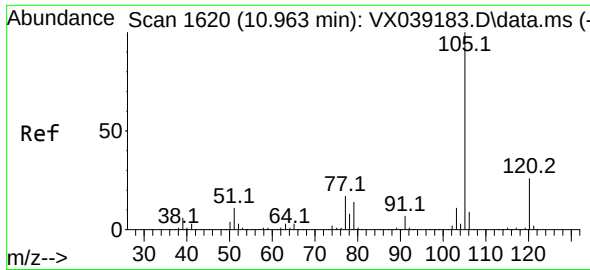
Delta R.T. 0.006 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

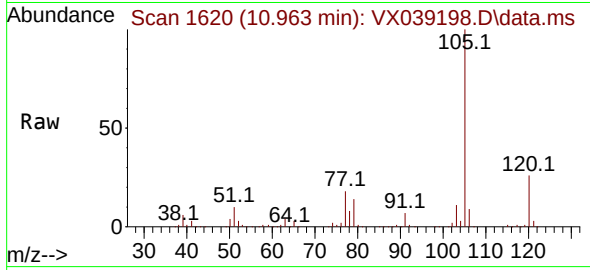
Tgt Ion:	152	Resp:	104622
Ion Ratio	Lower	Upper	
152	100		
115	78.1	43.3	129.9
150	163.9	0.0	345.0





#73
Isopropylbenzene
Concen: 19.882 ug/l
RT: 10.963 min Scan# 160490
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

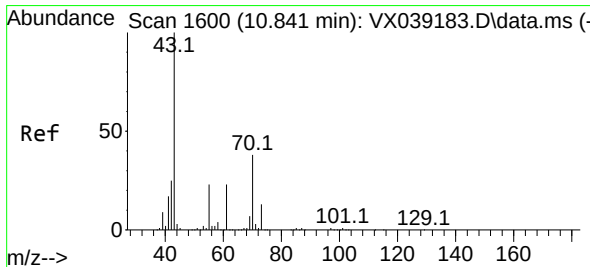
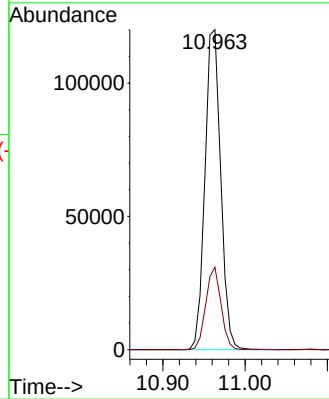
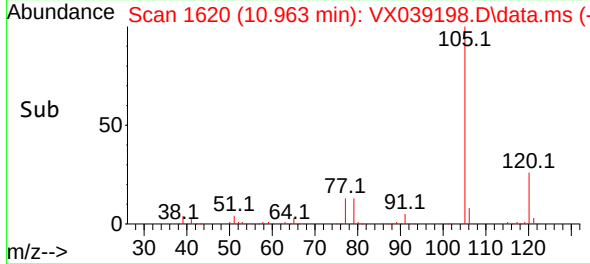
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



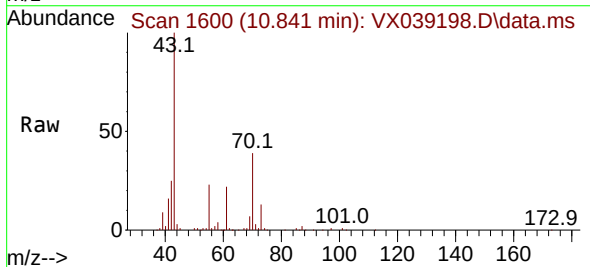
Tgt Ion:105 Resp: 160490
Ion Ratio Lower Upper
105 100
120 24.8 12.9 38.6

Manual Integrations
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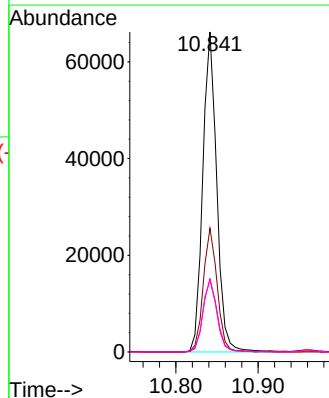
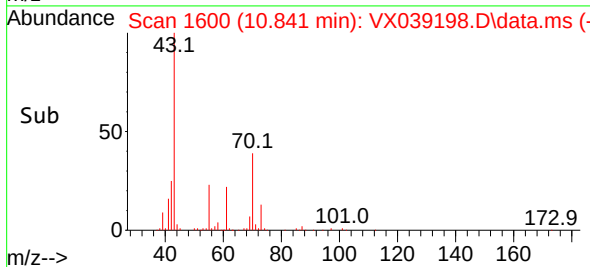
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

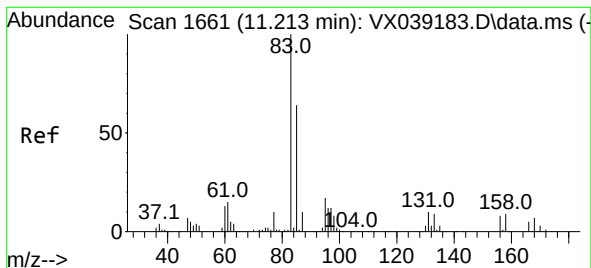


#74
N-ethyl acetate
Concen: 19.128 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55



Tgt Ion: 43 Resp: 78122
Ion Ratio Lower Upper
43 100
70 38.5 32.9 49.3
55 23.2 19.3 28.9
61 22.7 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.746 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

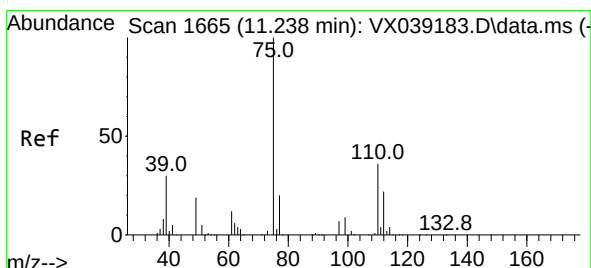
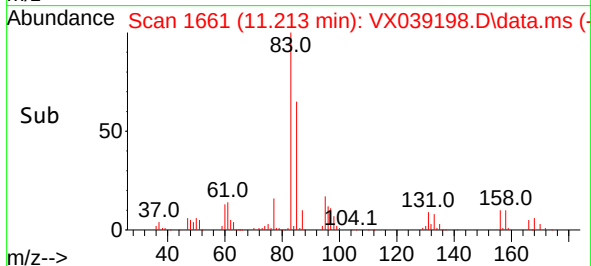
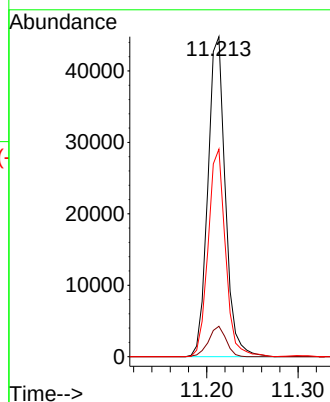
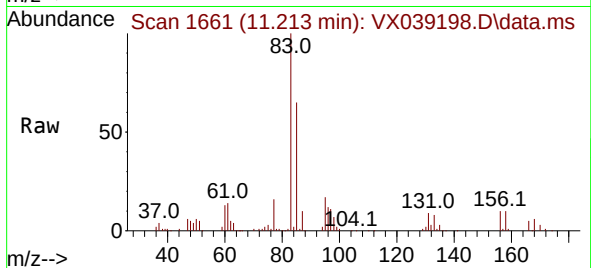
Tgt Ion: 83	Resp: 5929
Ion Ratio	Lower Upper
83 100	
131 9.5	5.3 15.8
85 64.5	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#76

1,2,3-Trichloropropane

Concen: 19.067 ug/l m

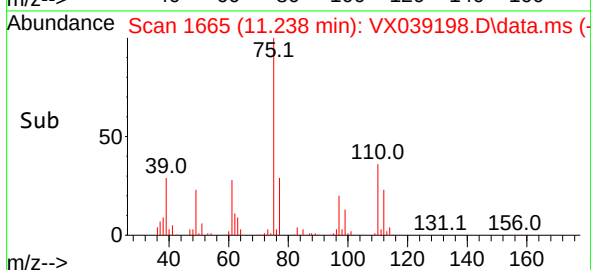
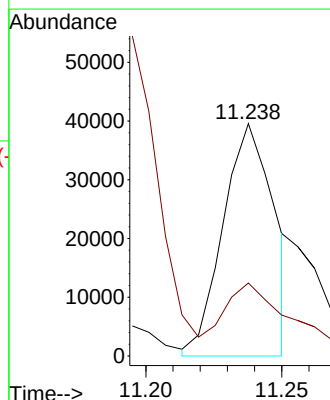
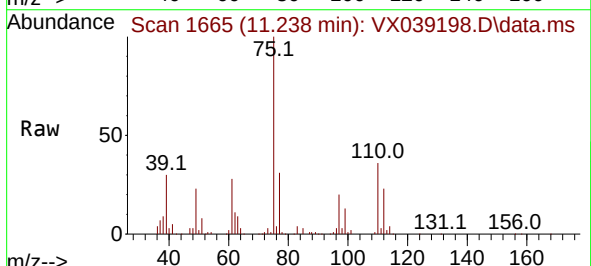
RT: 11.238 min Scan# 1665

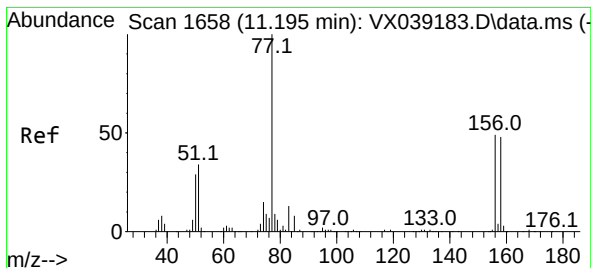
Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Tgt Ion: 75	Resp: 51609
Ion Ratio	Lower Upper
75 100	
77 41.9	19.1 57.5





#77

Bromobenzene

Concen: 19.557 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

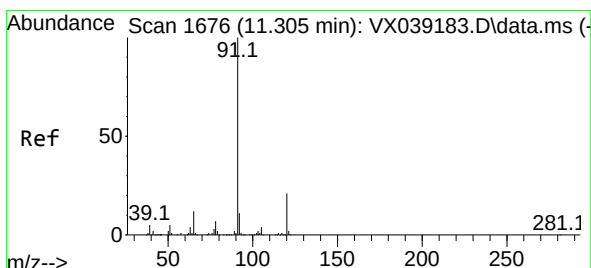
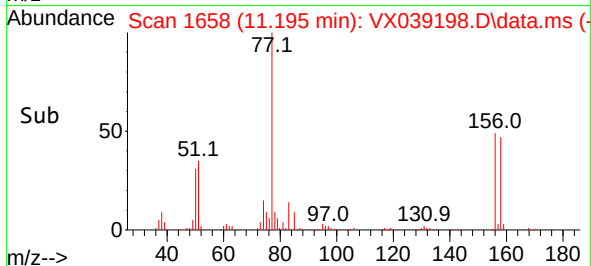
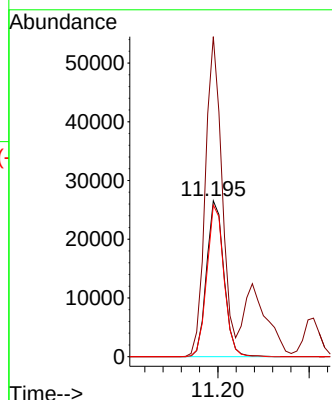
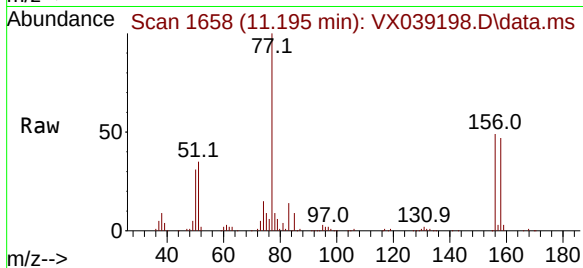
Tgt Ion:	156	Resp:	3490
Ion Ratio	Lower	Upper	
156	100		
77	198.1	88.4	265.3
158	96.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#78

n-propylbenzene

Concen: 19.782 ug/l

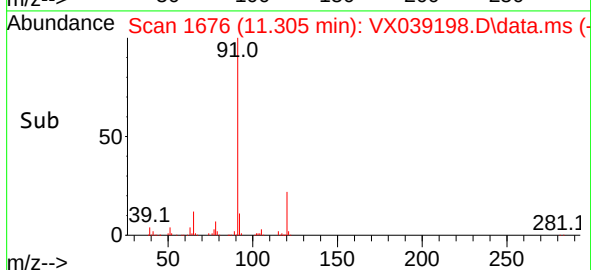
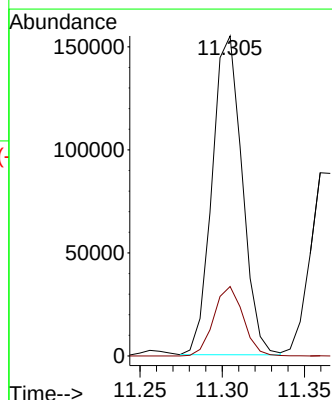
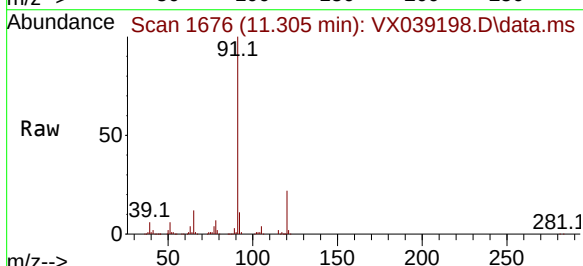
RT: 11.305 min Scan# 1676

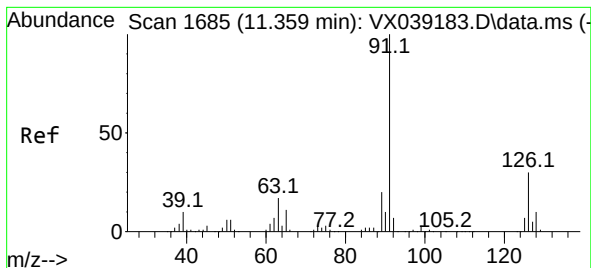
Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Tgt Ion:	91	Resp:	196741
Ion Ratio	Lower	Upper	
91	100		
120	21.4	11.5	34.4





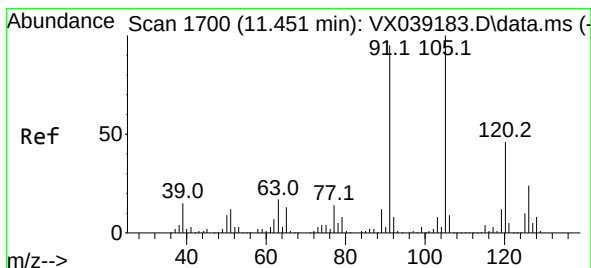
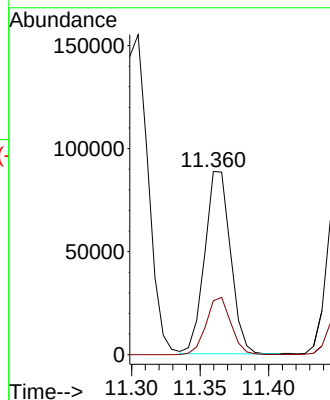
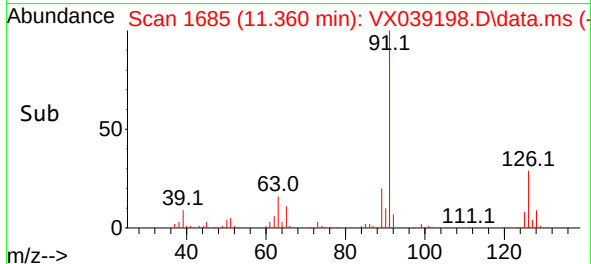
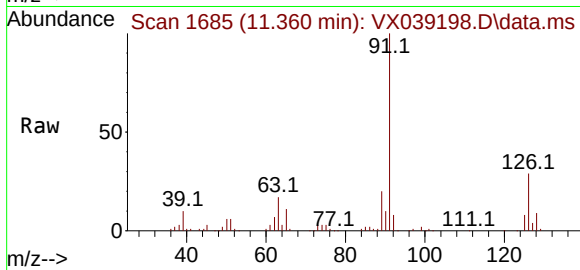
#79
2-Chlorotoluene
Concen: 19.294 ug/l
RT: 11.360 min Scan# 116069
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 91 Resp: 116069
Ion Ratio Lower Upper
91 100
126 30.2 16.3 48.8

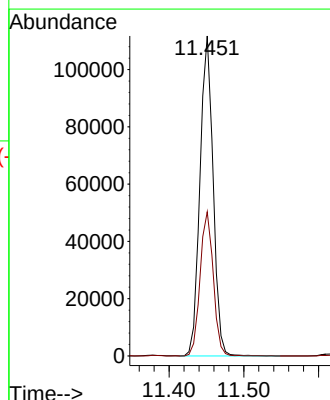
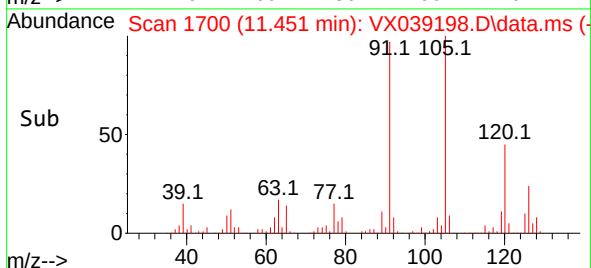
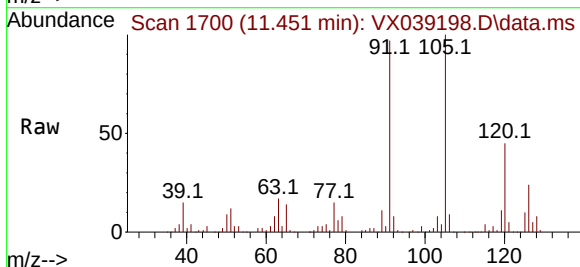
Manual Integrations
APPROVED

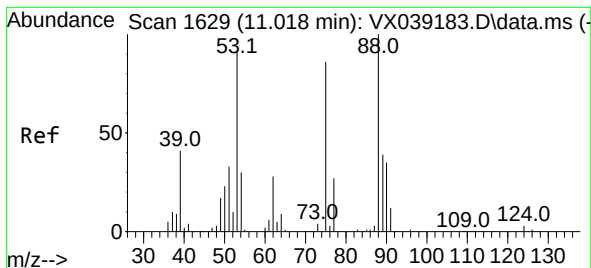
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.823 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Tgt Ion:105 Resp: 136310
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





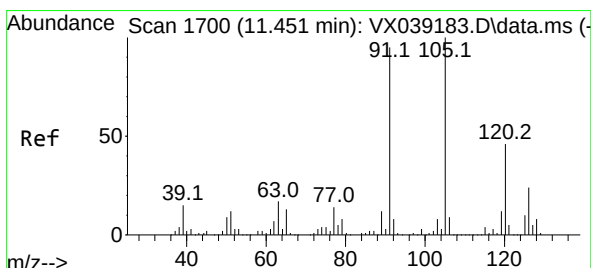
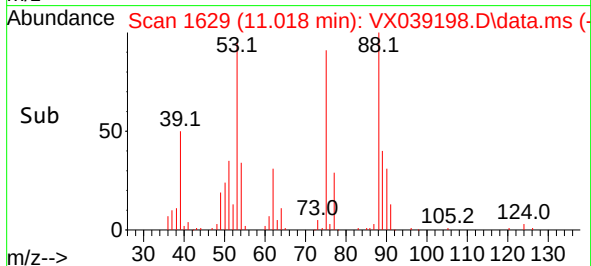
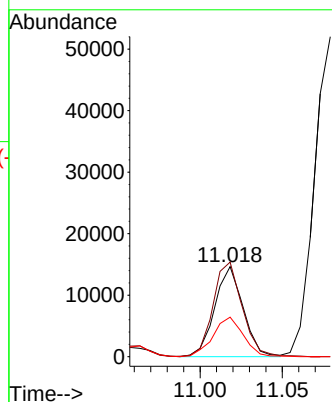
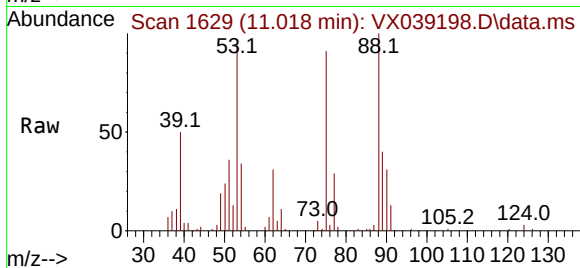
#81
trans-1,4-Dichloro-2-butene
Concen: 18.334 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01

Tgt Ion: 75 Resp: 17592
Ion Ratio Lower Upper
75 100
53 108.0 90.5 135.7
89 46.7 36.9 55.3

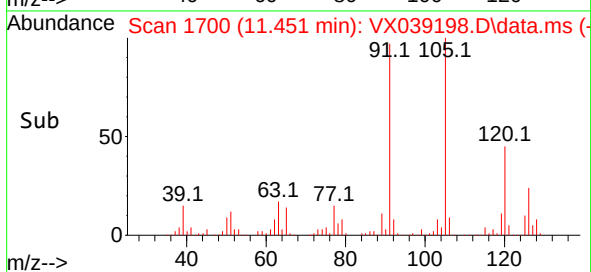
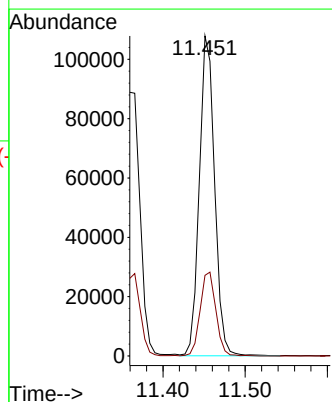
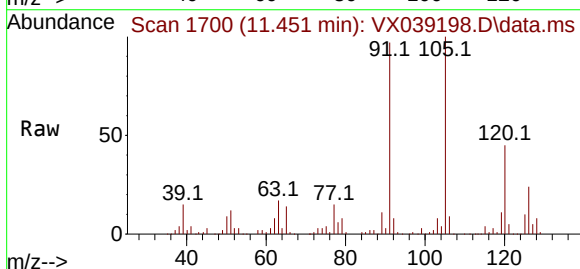
Manual Integrations
APPROVED

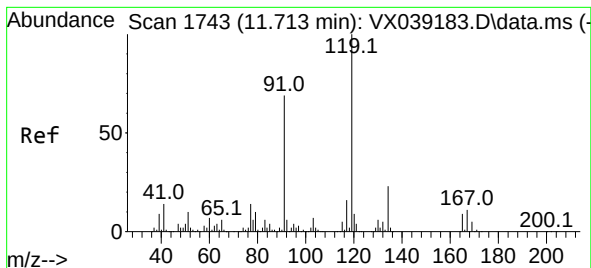
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#82
4-Chlorotoluene
Concen: 19.709 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

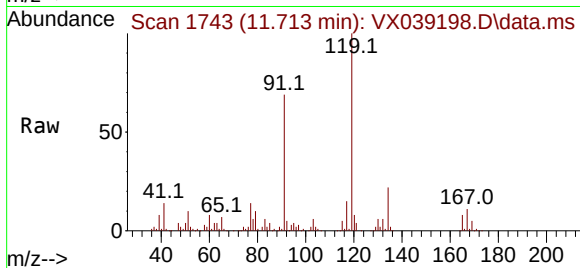
Tgt Ion: 91 Resp: 139256
Ion Ratio Lower Upper
91 100
126 27.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.566 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

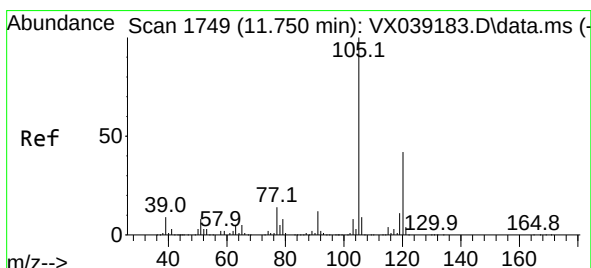
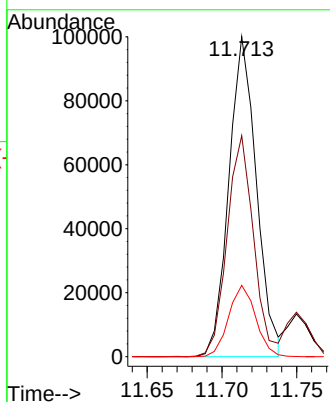
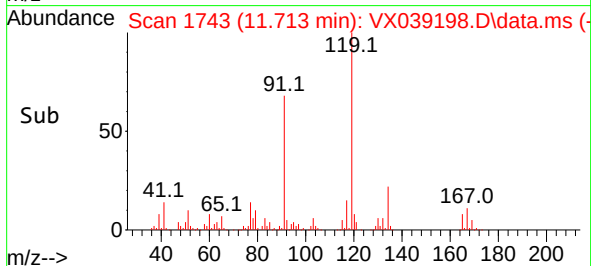
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



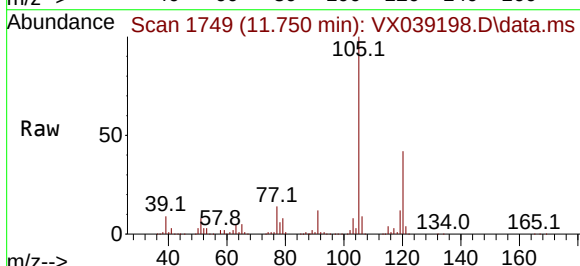
Tgt Ion:119 Resp: 128044
Ion Ratio Lower Upper
119 100
91 66.7 31.2 93.6
134 21.9 11.7 35.0

Manual Integrations
APPROVED

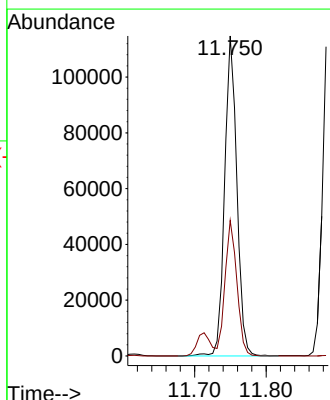
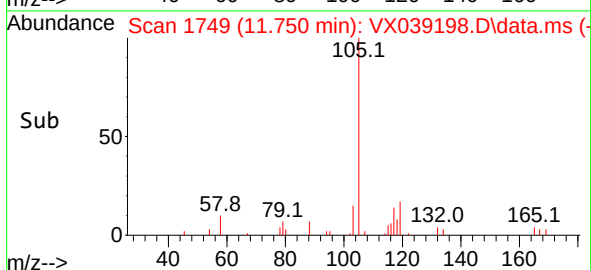
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

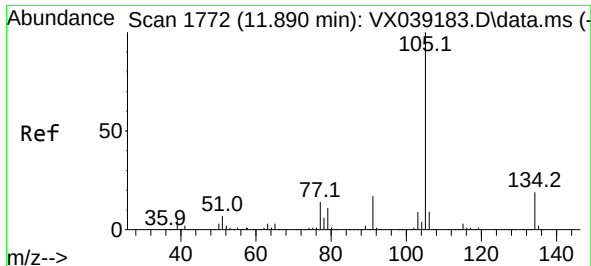


#84
1,2,4-Trimethylbenzene
Concen: 19.317 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55



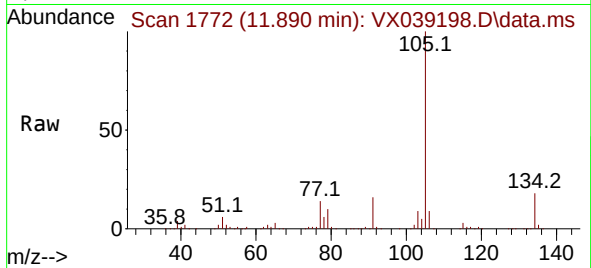
Tgt Ion:105 Resp: 136220
Ion Ratio Lower Upper
105 100
120 40.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.536 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039198.D
 Acq: 14 Dec 2023 10:55

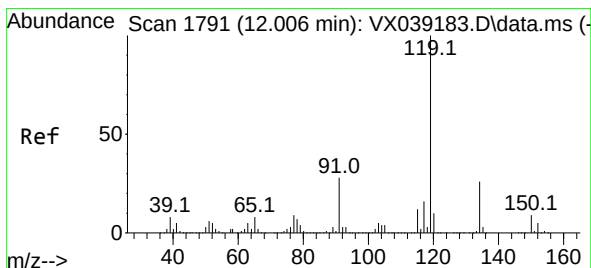
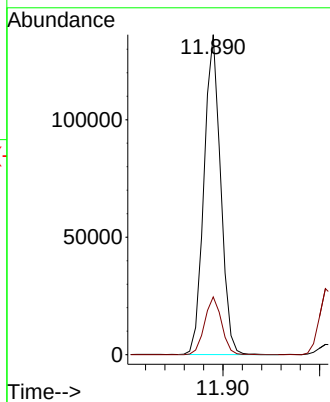
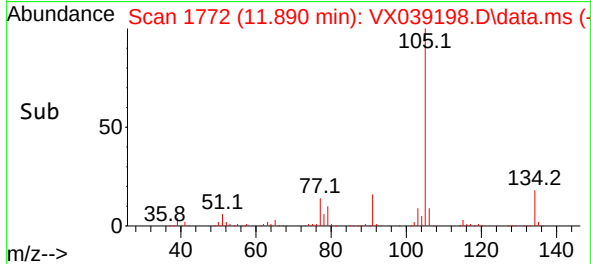
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBS01



Tgt Ion:105 Resp: 162680
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.8 29.4

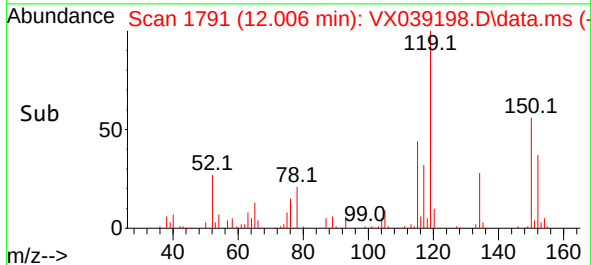
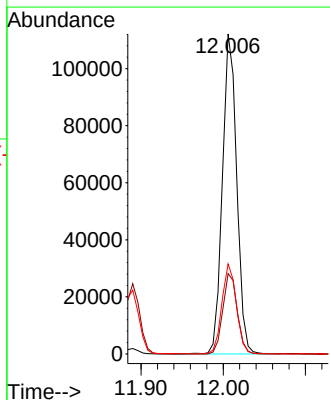
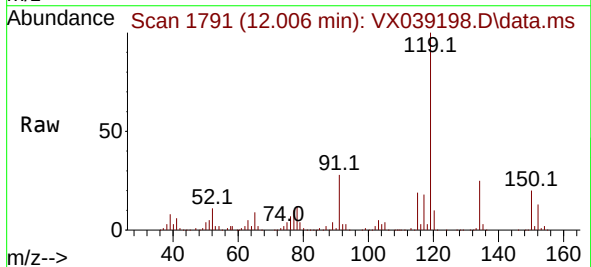
Manual Integrations
 APPROVED

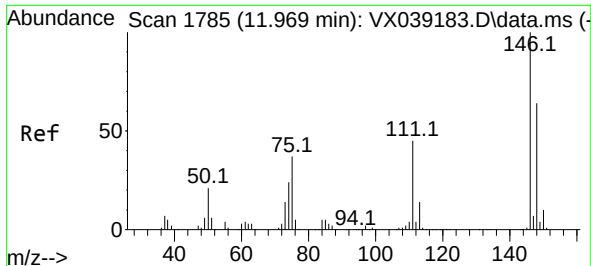
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#86
 p-Isopropyltoluene
 Concen: 19.435 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039198.D
 Acq: 14 Dec 2023 10:55

Tgt Ion:119 Resp: 135827
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.8 38.3
 91 28.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.914 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion:146 Resp: 66328

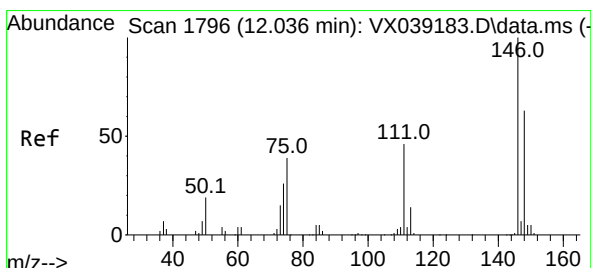
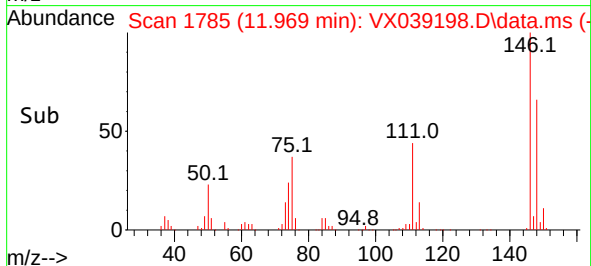
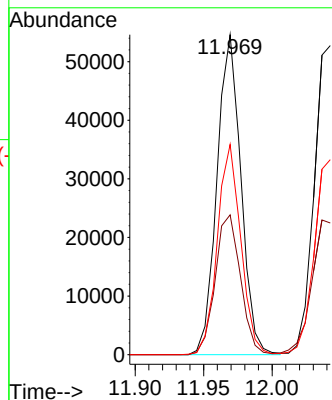
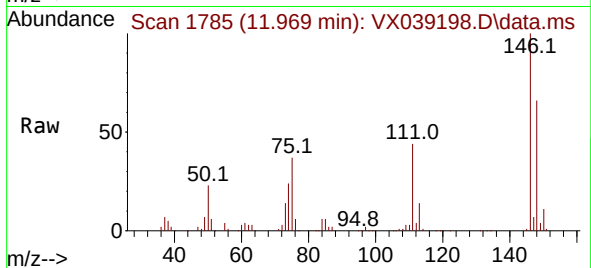
Ion	Ratio	Lower	Upper
146	100		
111	46.1	22.1	66.1
148	64.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#88

1,4-Dichlorobenzene

Concen: 18.893 ug/l

RT: 12.042 min Scan# 1797

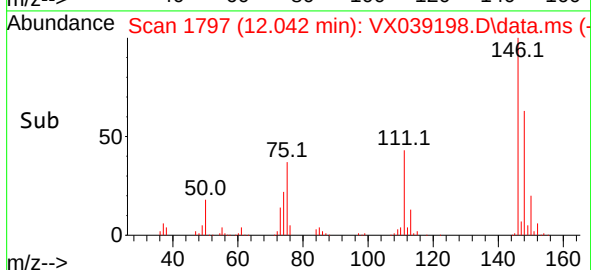
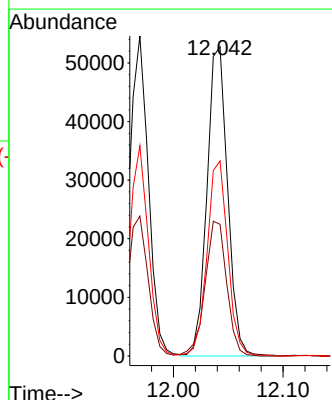
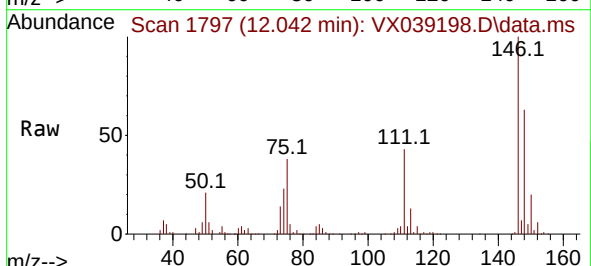
Delta R.T. 0.006 min

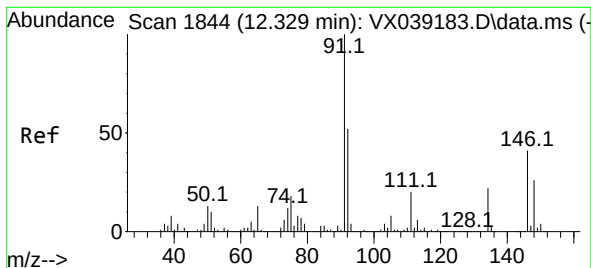
Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Tgt Ion:146 Resp: 68984

Ion	Ratio	Lower	Upper
146	100		
111	45.7	21.3	63.7
148	63.4	31.8	95.4





#89

n-Butylbenzene

Concen: 19.774 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

Tgt Ion: 91 Resp: 135850

Ion Ratio Lower Upper

91 100

92 52.5 27.4 82.0

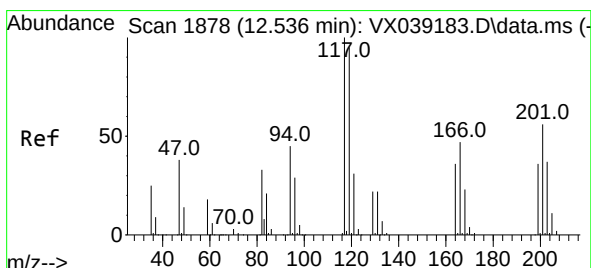
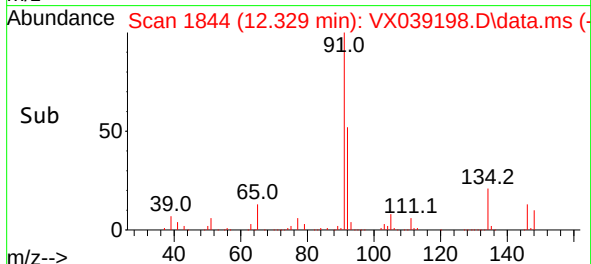
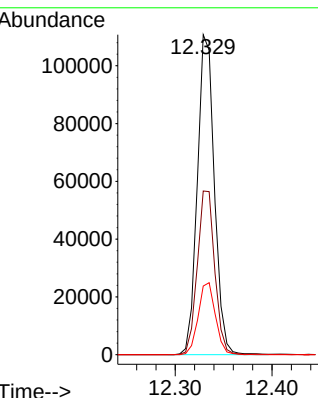
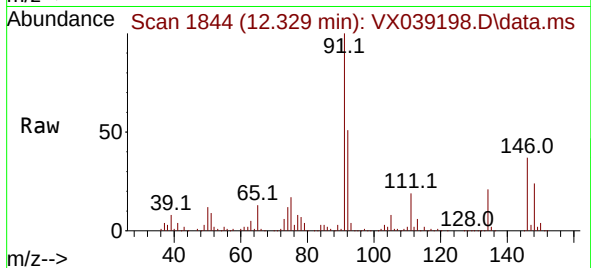
134 22.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#90

Hexachloroethane

Concen: 18.749 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039198.D

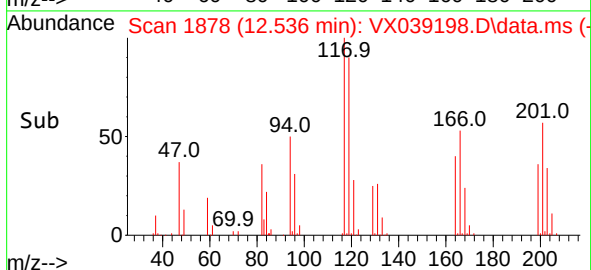
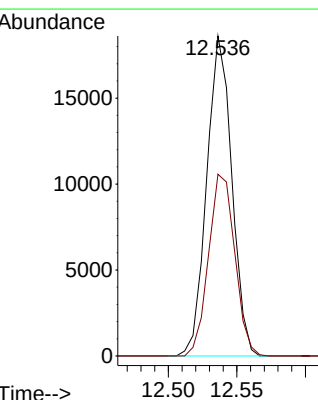
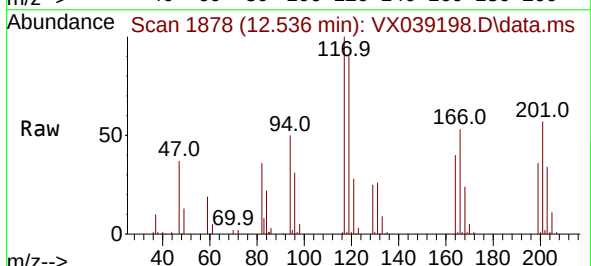
Acq: 14 Dec 2023 10:55

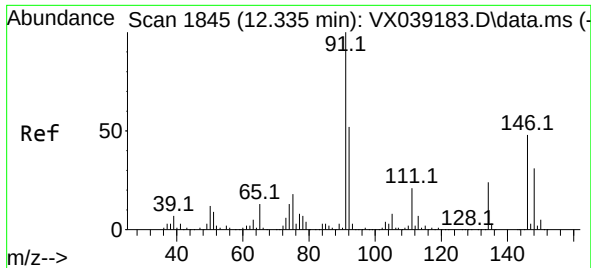
Tgt Ion:117 Resp: 23670

Ion Ratio Lower Upper

117 100

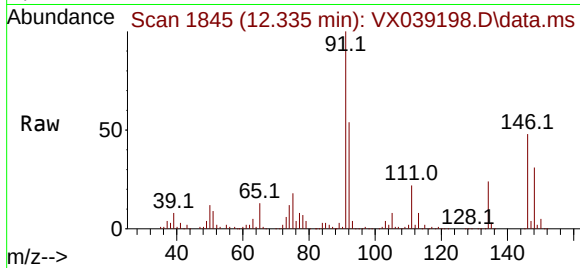
201 59.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.150 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

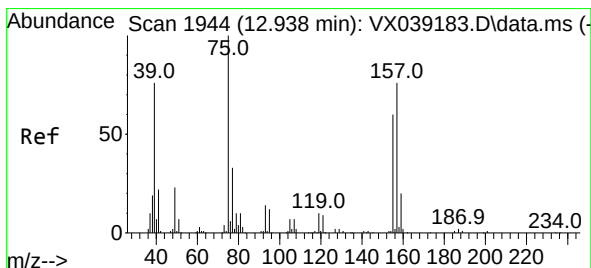
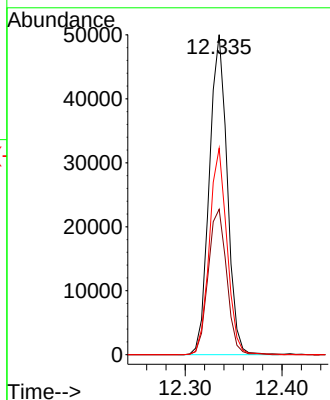
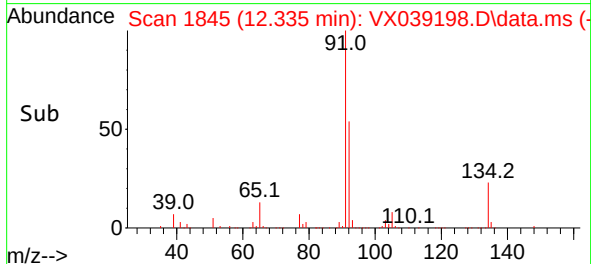
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



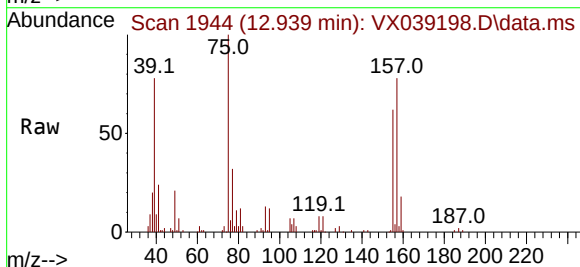
Tgt Ion:146 Resp: 6425
Ion Ratio Lower Upper
146 100
111 47.2 22.4 67.0
148 63.6 31.6 95.0

Manual Integrations
APPROVED

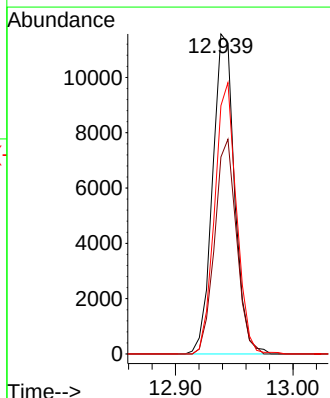
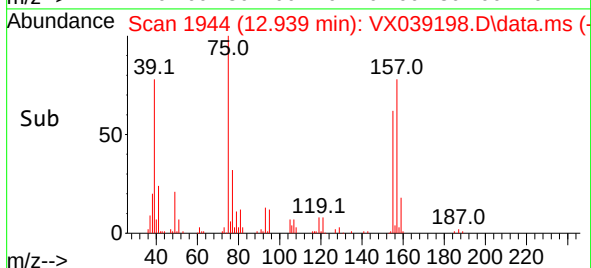
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

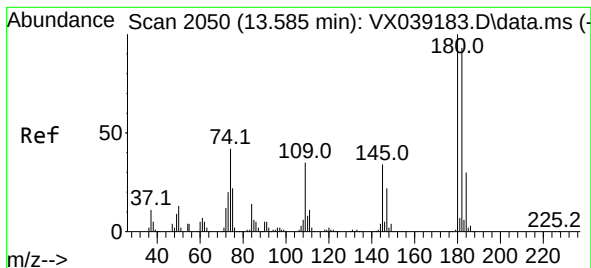


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.057 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55



Tgt Ion: 75 Resp: 15073
Ion Ratio Lower Upper
75 100
155 66.7 36.1 108.5
157 84.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.291 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBS01

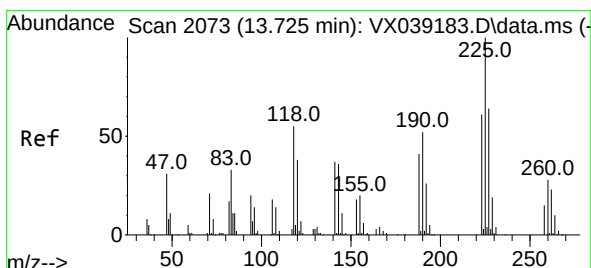
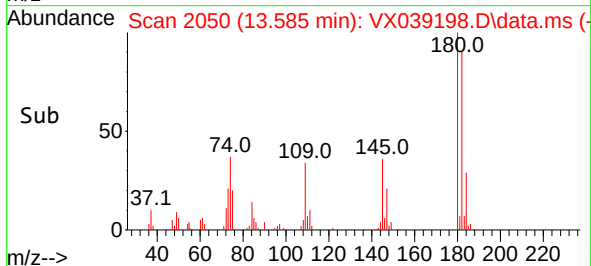
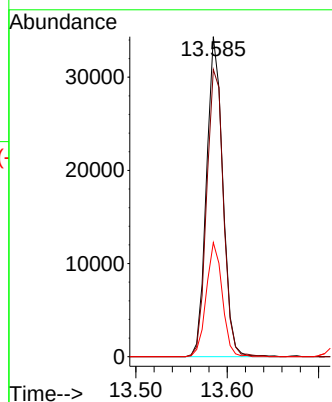
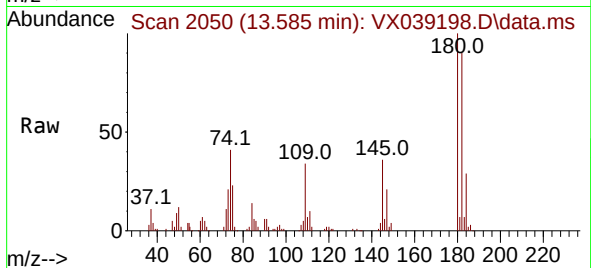
Tgt Ion:180	Resp:	4238
Ion Ratio	Lower	Upper
180	100	
182	92.7	48.3 144.8
145	35.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#94

Hexachlorobutadiene

Concen: 18.549 ug/l

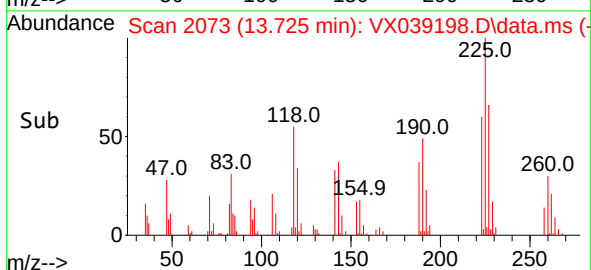
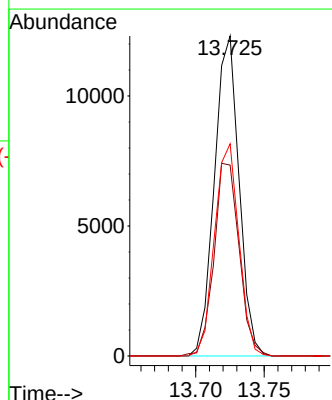
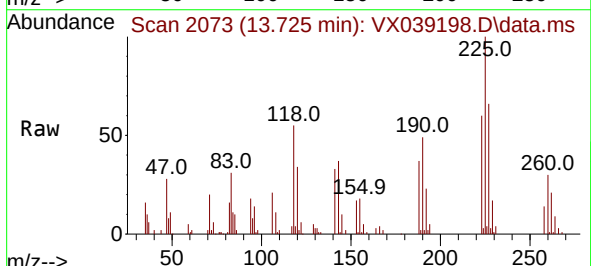
RT: 13.725 min Scan# 2073

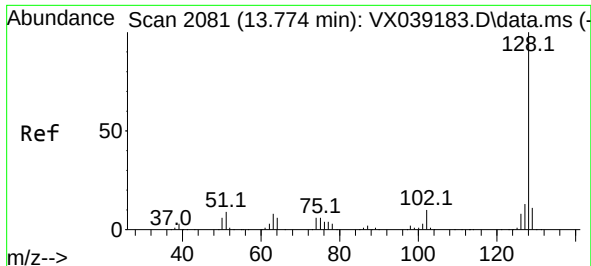
Delta R.T. 0.000 min

Lab File: VX039198.D

Acq: 14 Dec 2023 10:55

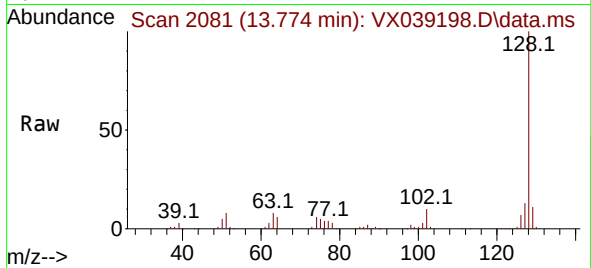
Tgt Ion:225	Resp:	15358
Ion Ratio	Lower	Upper
225	100	
223	61.6	31.1 93.2
227	65.5	32.5 97.5





#95
Naphthalene
Concen: 19.369 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55

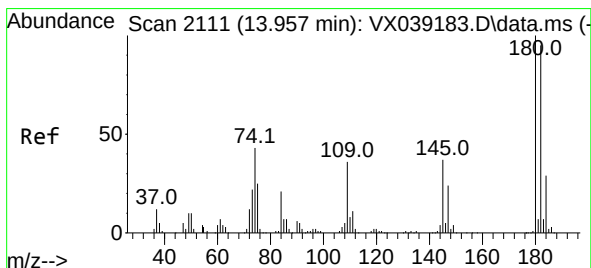
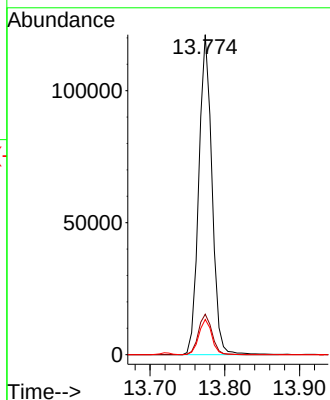
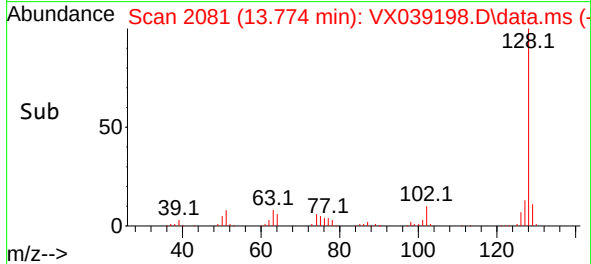
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBS01



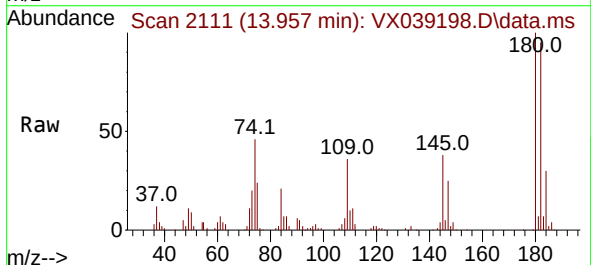
Tgt Ion:128 Resp: 14820
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.915 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039198.D
Acq: 14 Dec 2023 10:55



Tgt Ion:180 Resp: 40119
Ion Ratio Lower Upper
180 100
182 94.4 46.9 140.6
145 37.1 17.8 53.5

