

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121423\
 Data File : VX039199.D
 Acq On : 14 Dec 2023 11:21
 Operator : JC/MD
 Sample : VX1214WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 15 02:57:30 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	119468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216877	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	201443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108108	49.397	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.800%			
35) Dibromofluoromethane	5.379	113	75283	50.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.500%			
50) Toluene-d8	8.647	98	282980	50.873	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.740%			
62) 4-Bromofluorobenzene	11.079	95	115730	50.426	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	34370	20.474	ug/l	99
3) Chloromethane	1.294	50	35976	19.331	ug/l	97
4) Vinyl Chloride	1.374	62	33502	19.356	ug/l	99
5) Bromomethane	1.605	94	21922	22.014	ug/l	98
6) Chloroethane	1.685	64	19523	18.717	ug/l	96
7) Trichlorofluoromethane	1.886	101	49244	19.429	ug/l	100
8) Diethyl Ether	2.130	74	17538	19.993	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	30376	19.640	ug/l	97
10) Methyl Iodide	2.453	142	32564	20.370	ug/l	94
11) Tert butyl alcohol	2.947	59	57250	104.169	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	29072	18.923	ug/l	96
13) Acrolein	2.233	56	44839	102.269	ug/l	99
14) Allyl chloride	2.666	41	59380	19.080	ug/l	98
15) Acrylonitrile	3.056	53	112409	102.184	ug/l	99
16) Acetone	2.373	43	123108	80.850	ug/l	95
17) Carbon Disulfide	2.514	76	85437	19.004	ug/l	99
18) Methyl Acetate	2.697	43	93065	19.660	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	109006	19.619	ug/l	97
20) Methylene Chloride	2.788	84	35841	19.645	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	32040	19.166	ug/l	97
22) Diisopropyl ether	3.757	45	113587	20.050	ug/l	93
23) Vinyl Acetate	3.715	43	435059	103.154	ug/l	98
24) 1,1-Dichloroethane	3.605	63	61386	19.168	ug/l	99
25) 2-Butanone	4.550	43	170925	90.505	ug/l	97
26) 2,2-Dichloropropane	4.471	77	53079	18.985	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	36903	20.000	ug/l	98
28) Bromochloromethane	4.897	49	26823	17.166	ug/l	92
29) Tetrahydrofuran	4.995	42	106765	102.368	ug/l	99
30) Chloroform	5.086	83	62085	19.400	ug/l	99
31) Cyclohexane	5.470	56	55008	19.460	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	53474	19.248	ug/l	98
36) 1,1-Dichloropropene	5.690	75	46155	19.521	ug/l	99
37) Ethyl Acetate	4.708	43	59073	20.223	ug/l	99
38) Carbon Tetrachloride	5.678	117	43906	19.459	ug/l	99
39) Methylcyclohexane	7.379	83	56569	19.918	ug/l	95
40) Benzene	6.037	78	132876	19.867	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	31255	20.054	ug/l	96
42) 1,2-Dichloroethane	6.086	62	54739	20.219	ug/l	100
43) Isopropyl Acetate	6.336	43	97358	20.496	ug/l	99
44) Trichloroethene	7.123	130	33341	19.755	ug/l	93
45) 1,2-Dichloropropane	7.427	63	36191	20.162	ug/l	98
46) Dibromomethane	7.580	93	25424	20.149	ug/l	97
47) Bromodichloromethane	7.818	83	49457	20.500	ug/l	96
48) Methyl methacrylate	7.690	41	57481	20.699	ug/l	96
49) 1,4-Dioxane	7.653	88	17805	475.663	ug/l #	99
51) 4-Methyl-2-Pentanone	8.567	43	317156	104.794	ug/l	99
52) Toluene	8.714	92	81999	20.313	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	54390	20.477	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	57711	20.193	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	34835	20.670	ug/l	94
56) Ethyl methacrylate	9.116	69	42767	20.788	ug/l	94
57) 1,3-Dichloropropane	9.305	76	60399	20.731	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	122257	101.204	ug/l	94
59) 2-Hexanone	9.427	43	256768	98.305	ug/l	98
60) Dibromochloromethane	9.518	129	34804	20.421	ug/l	100
61) 1,2-Dibromoethane	9.610	107	36688	20.393	ug/l	100
64) Tetrachloroethene	9.269	164	25269	19.196	ug/l	95
65) Chlorobenzene	10.079	112	85554	19.458	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	30846	19.861	ug/l	98
67) Ethyl Benzene	10.189	91	162386	19.841	ug/l	98
68) m/p-Xylenes	10.299	106	118777	40.476	ug/l	93
69) o-Xylene	10.640	106	56090	19.769	ug/l	90
70) Styrene	10.652	104	83752	20.191	ug/l	96
71) Bromoform	10.799	173	22813	19.761	ug/l #	99
73) Isopropylbenzene	10.963	105	152756	19.629	ug/l	100
74) N-amyl acetate	10.841	43	78220	19.866	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	58279	20.131	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	51569m	19.762	ug/l	
77) Bromobenzene	11.195	156	34024	19.771	ug/l	90
78) n-propylbenzene	11.305	91	189116	19.724	ug/l	97
79) 2-Chlorotoluene	11.360	91	112390	19.378	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	134525	20.292	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	17376	18.784	ug/l	96
82) 4-Chlorotoluene	11.451	91	134654	19.767	ug/l	97
83) tert-Butylbenzene	11.713	119	123343	19.549	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	134266	19.749	ug/l	99
85) sec-Butylbenzene	11.890	105	159708	19.892	ug/l	96
86) p-Isopropyltoluene	12.006	119	133009	19.741	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	64497	19.077	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	66333	18.844	ug/l	97
89) n-Butylbenzene	12.329	91	131939	19.920	ug/l	96
90) Hexachloroethane	12.536	117	23071	18.955	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	63103	19.507	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15253	20.003	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	41284	19.490	ug/l	97
94) Hexachlorobutadiene	13.725	225	15007	18.800	ug/l	99
95) Naphthalene	13.774	128	148116	20.079	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	39266	19.202	ug/l	97

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ClientSampleId :
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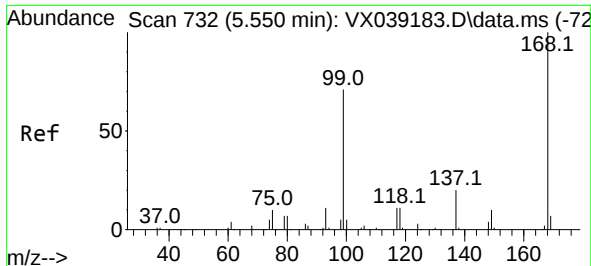
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

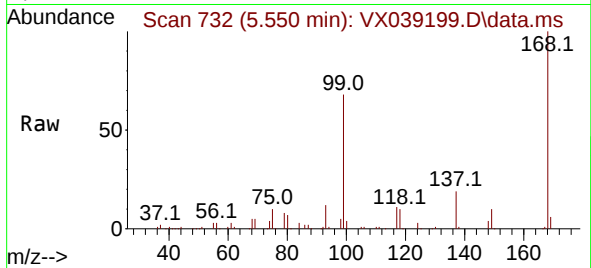
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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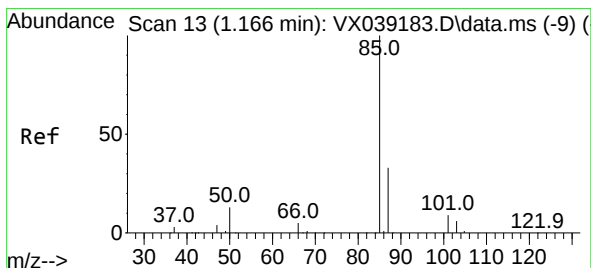
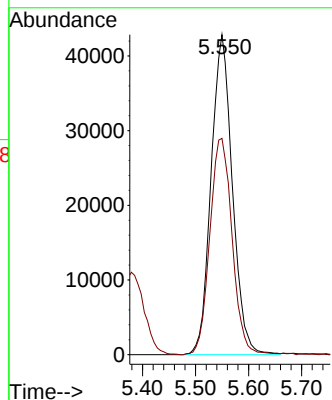
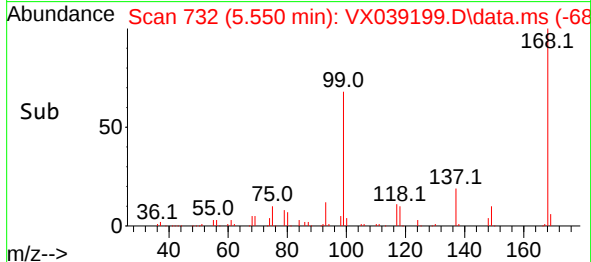
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 119468
Ion Ratio Lower Upper
168 100
99 67.6 56.6 85.0

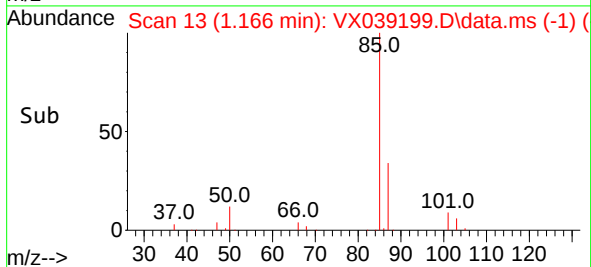
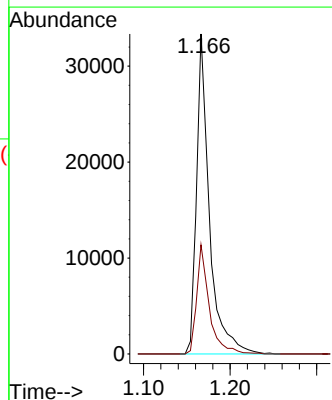
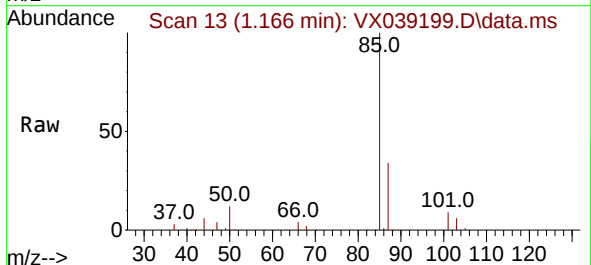
Manual Integrations
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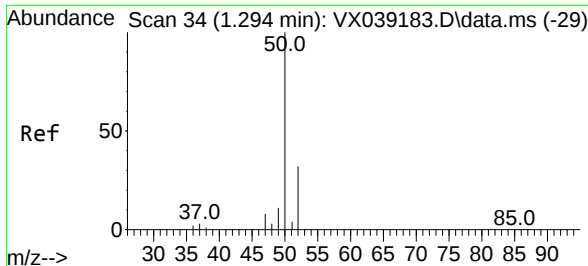
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#2
Dichlorodifluoromethane
Concen: 20.474 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

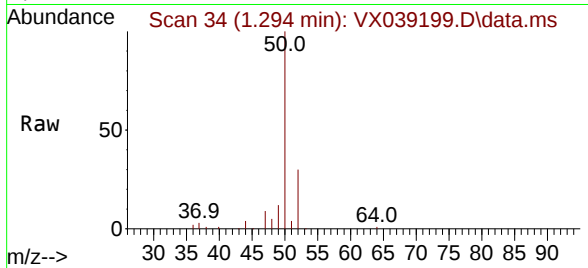
Tgt Ion: 85 Resp: 34370
Ion Ratio Lower Upper
85 100
87 34.1 16.7 50.1





#3
Chloromethane
Concen: 19.331 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

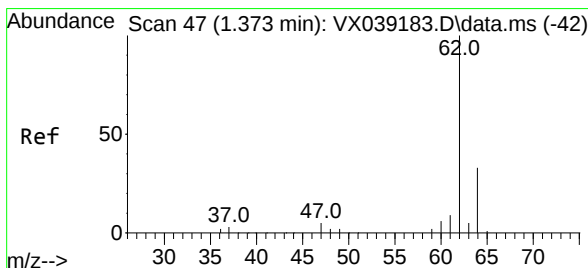
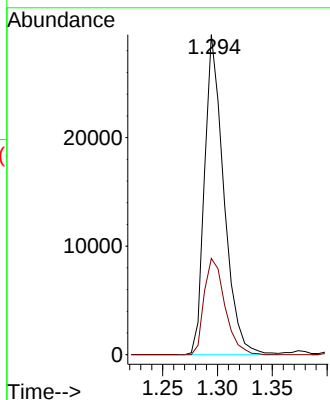
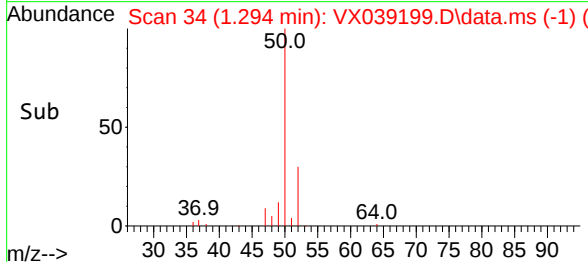
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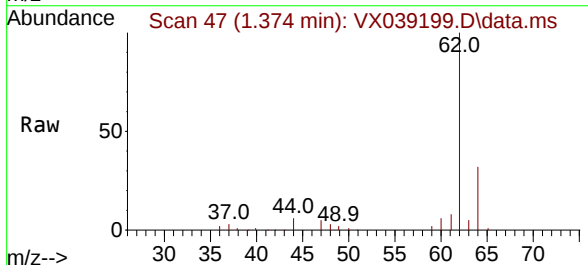
Tgt Ion: 50 Resp: 35970
Ion Ratio Lower Upper
50 100
52 30.1 25.5 38.3

Manual Integrations
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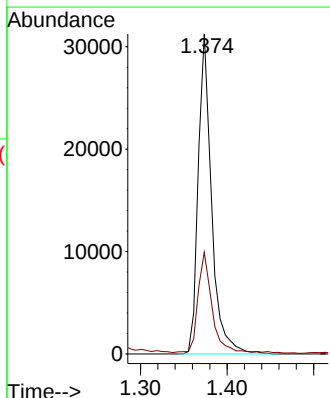
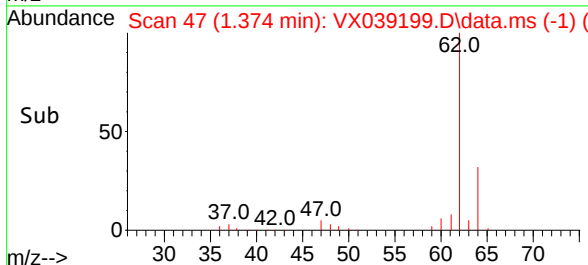
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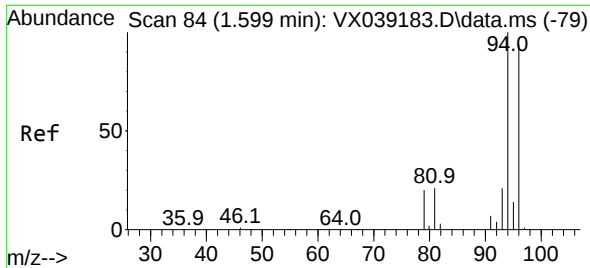


#4
Vinyl Chloride
Concen: 19.356 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21



Tgt Ion: 62 Resp: 33502
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





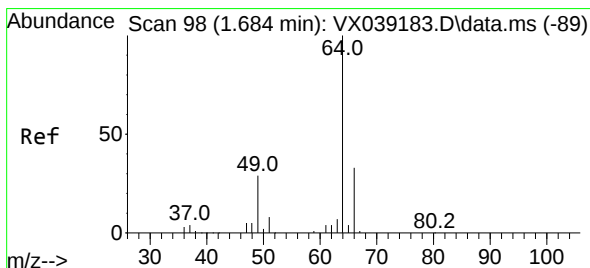
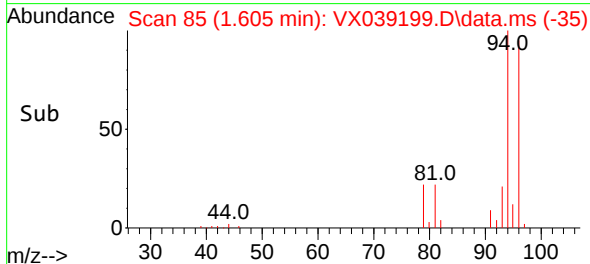
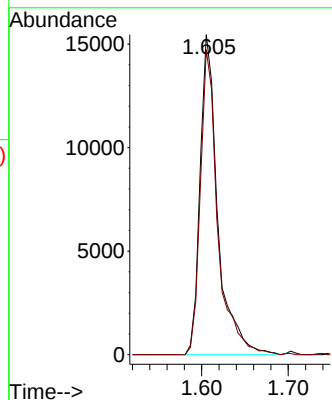
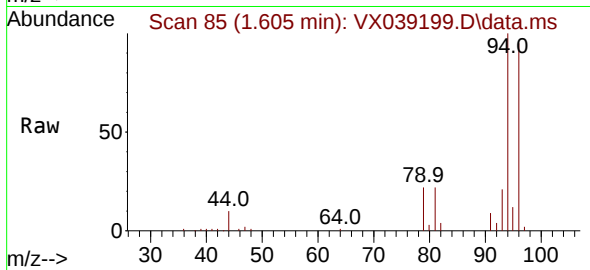
#5
Bromomethane
Concen: 22.014 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX039199.D
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Tgt Ion: 94 Resp: 2192
Ion Ratio Lower Upper
94 100
96 95.3 74.6 111.8

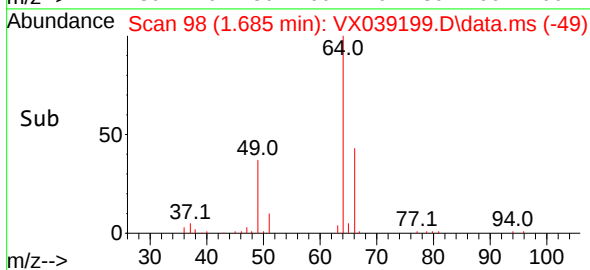
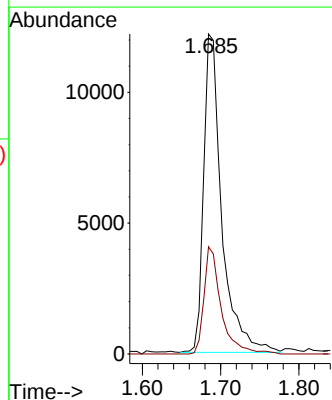
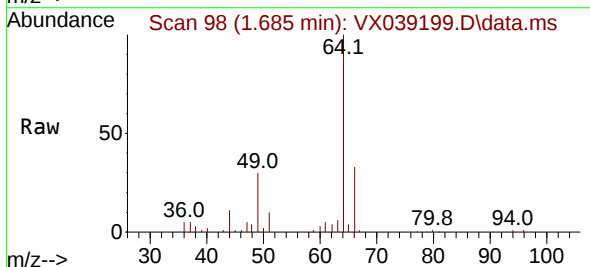
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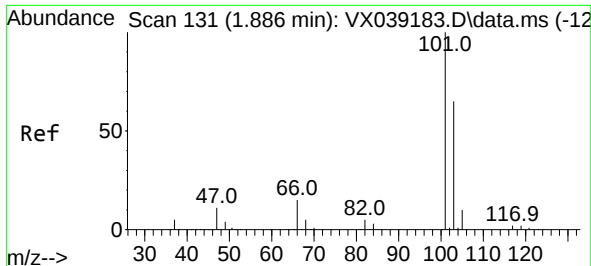
Reviewed By :John Carlone 12/15/2023
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#6
Chloroethane
Concen: 18.717 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039199.D
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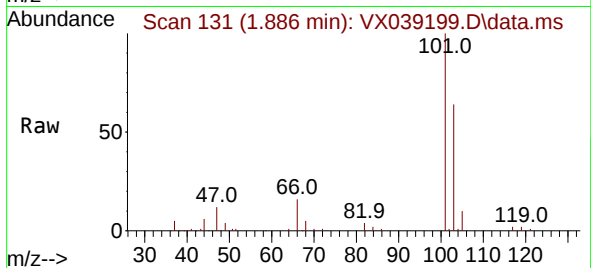
Tgt Ion: 64 Resp: 19523
Ion Ratio Lower Upper
64 100
66 33.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 19.429 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

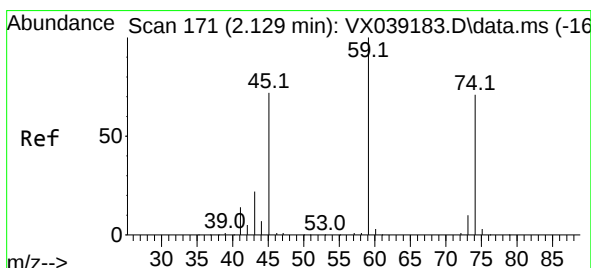
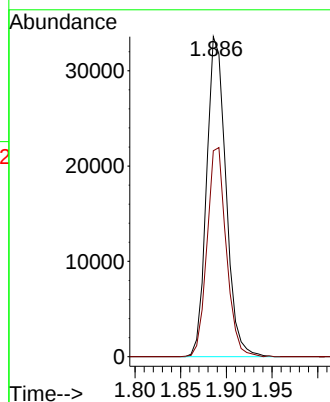
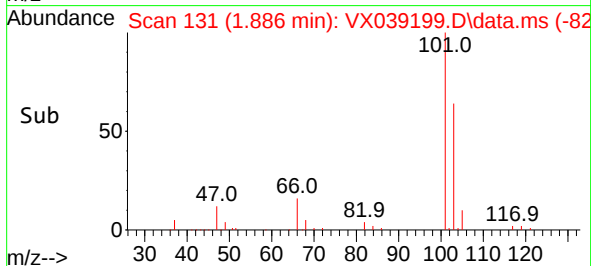
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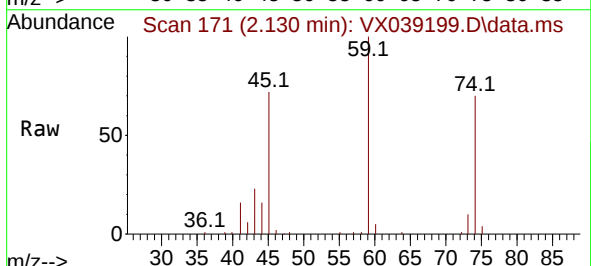
Tgt Ion:101 Resp: 49244
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

Manual Integrations
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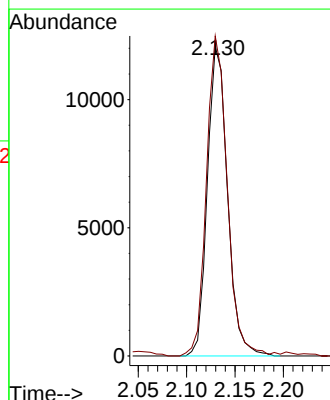
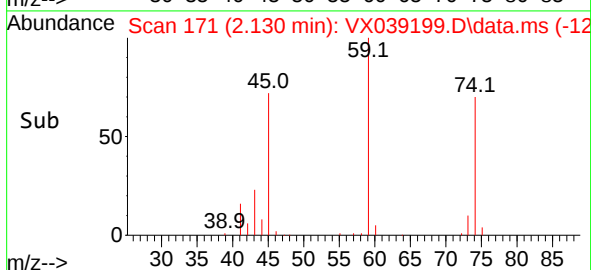
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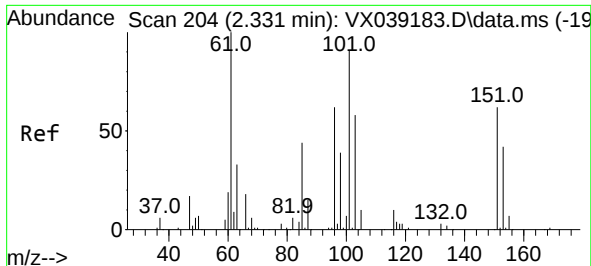


#8
Diethyl Ether
Concen: 19.993 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 17538
Ion Ratio Lower Upper
74 100
45 106.7 53.3 159.8





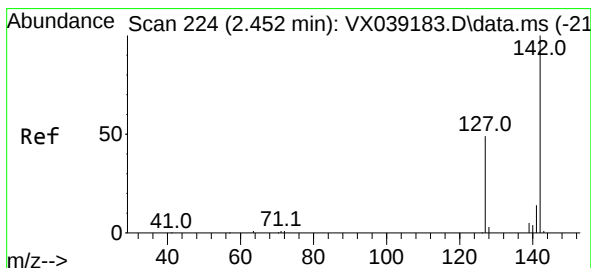
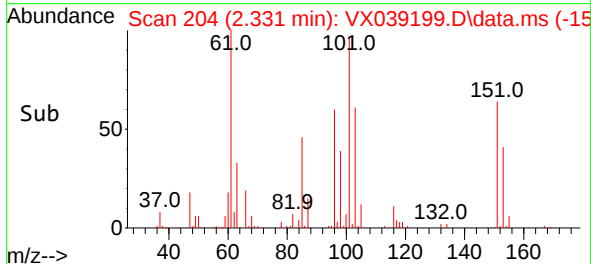
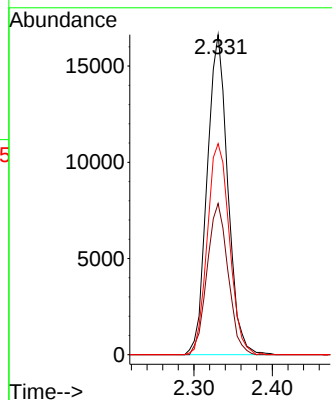
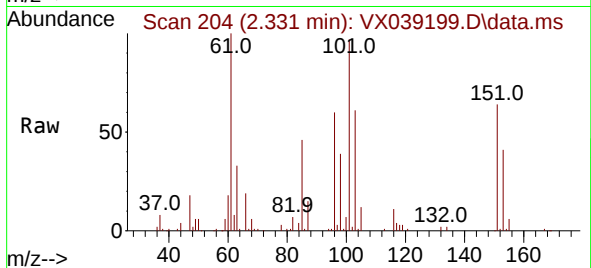
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.640 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion:101 Resp: 30370
Ion Ratio Lower Upper
101 100
85 48.0 37.0 55.6
151 70.7 58.6 87.8

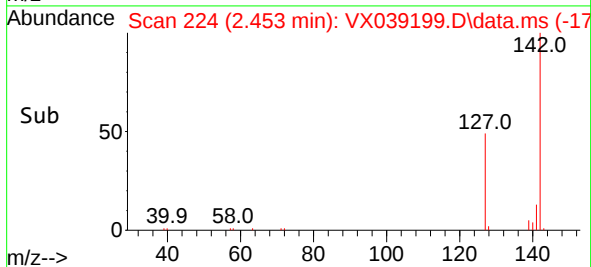
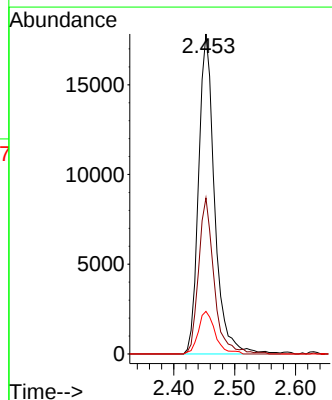
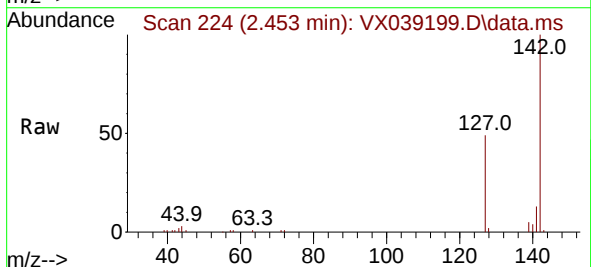
Manual Integrations
APPROVED

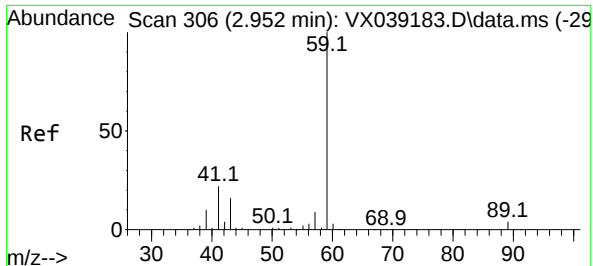
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#10
Methyl Iodide
Concen: 20.370 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion:142 Resp: 32564
Ion Ratio Lower Upper
142 100
127 47.2 41.6 62.4
141 14.0 11.6 17.4





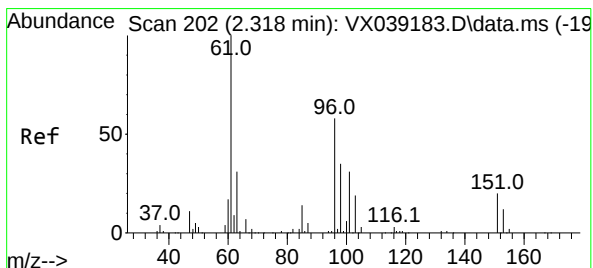
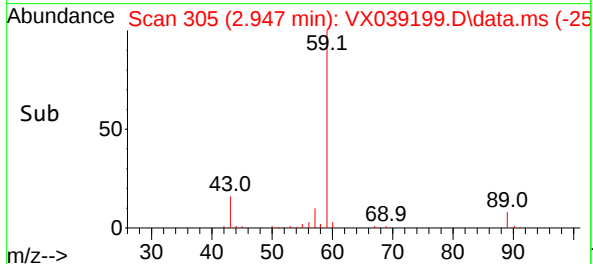
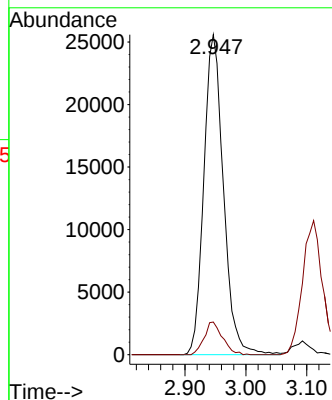
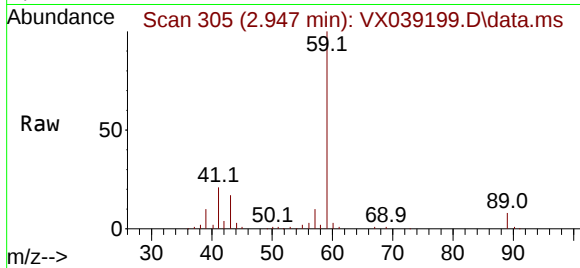
#11
Tert butyl alcohol
Concen: 104.169 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion: 59 Resp: 57250
Ion Ratio Lower Upper
59 100
57 9.5 6.0 9.0

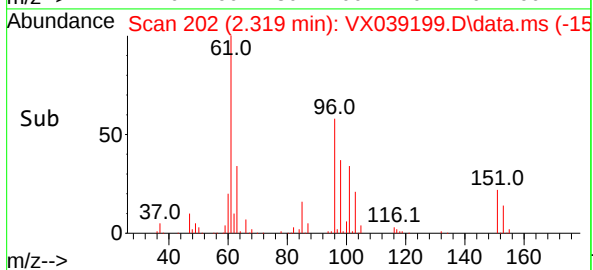
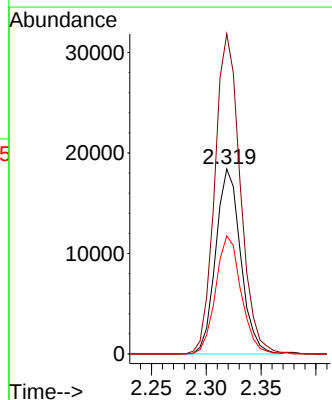
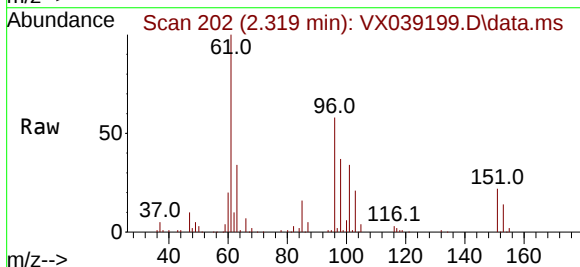
Manual Integrations
APPROVED

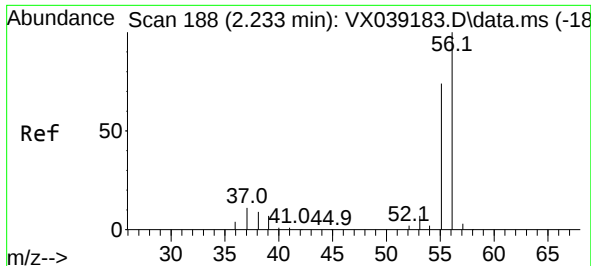
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#12
1,1-Dichloroethene
Concen: 18.923 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion: 96 Resp: 29072
Ion Ratio Lower Upper
96 100
61 173.0 144.6 216.8
98 63.8 50.4 75.6





#13

Acrolein

Concen: 102.269 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD01

Tgt Ion: 56 Resp: 44839

Ion Ratio Lower Upper

56 100

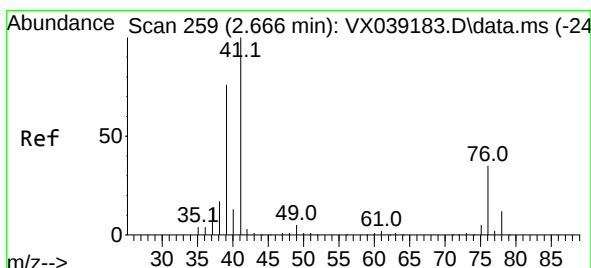
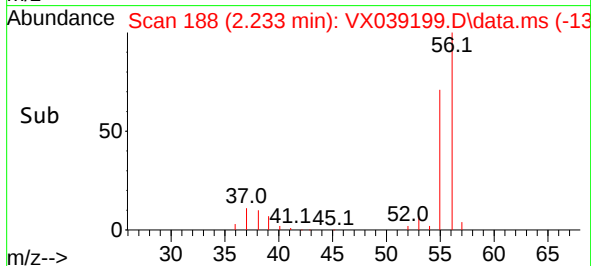
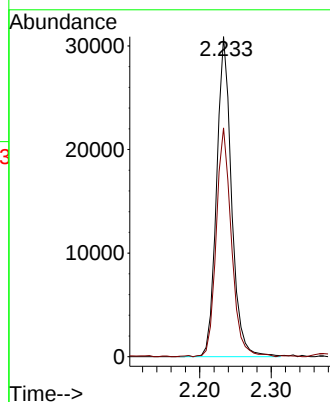
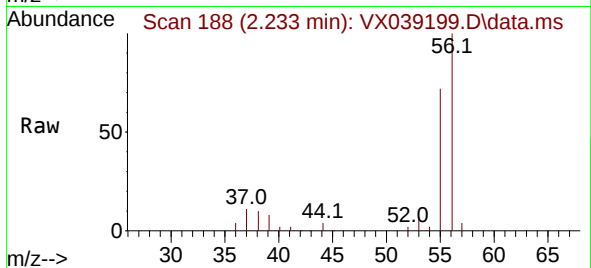
55 72.5 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#14

Allyl chloride

Concen: 19.080 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

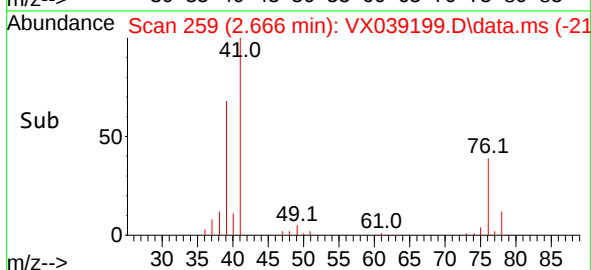
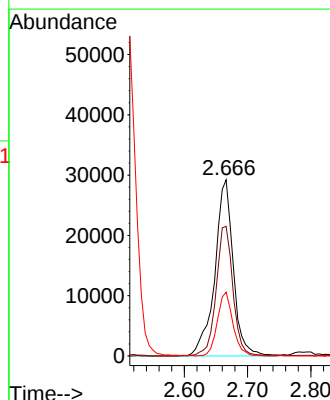
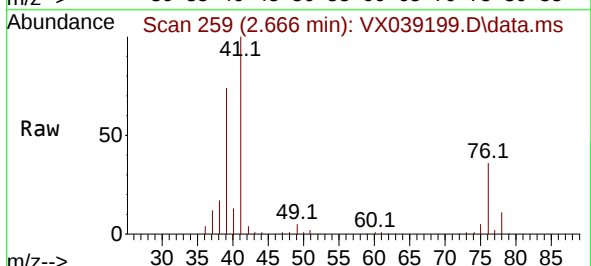
Tgt Ion: 41 Resp: 59380

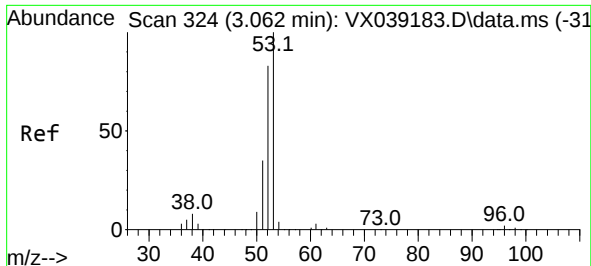
Ion Ratio Lower Upper

41 100

39 66.9 55.8 83.6

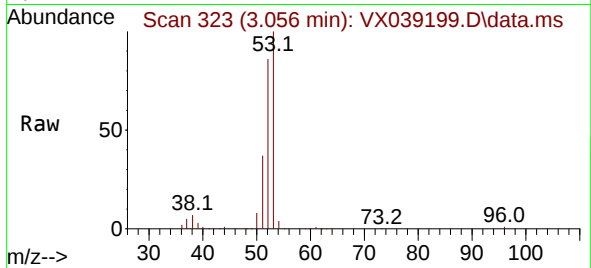
76 30.4 24.3 36.5





#15
Acrylonitrile
Concen: 102.184 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

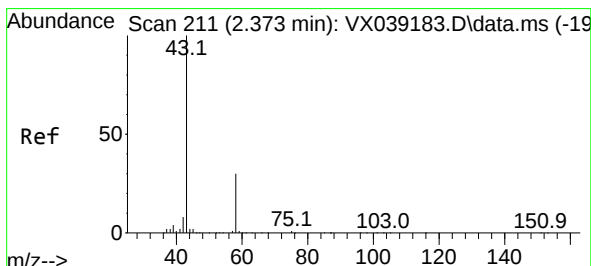
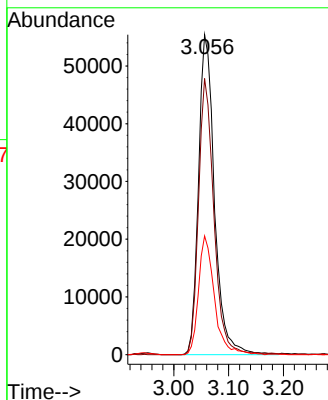
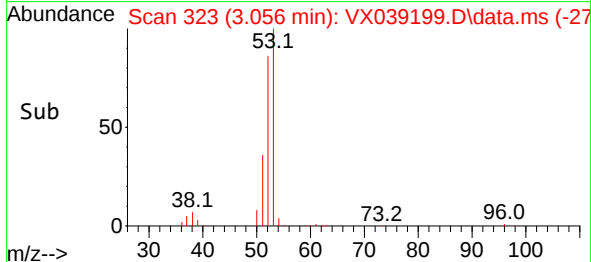
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01



Tgt Ion: 53 Resp: 112409
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.8 29.8 44.6

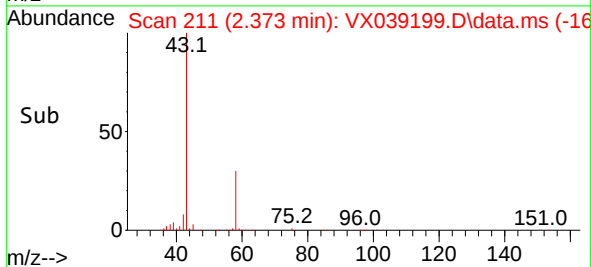
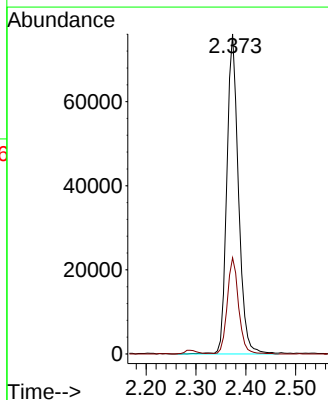
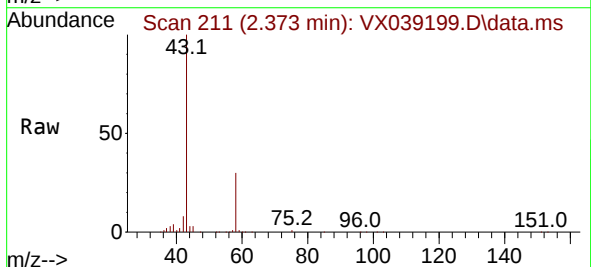
Manual Integrations
APPROVED

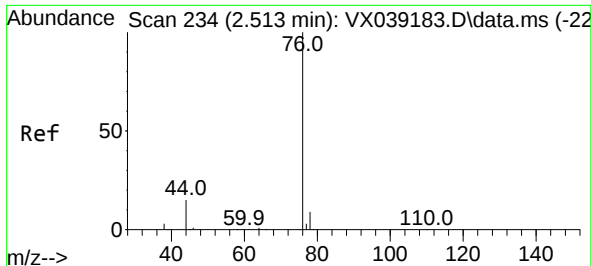
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#16
Acetone
Concen: 80.850 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

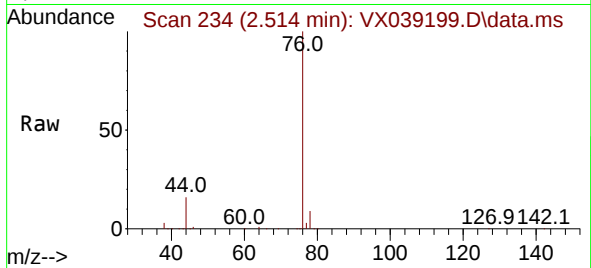
Tgt Ion: 43 Resp: 123108
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9





#17
Carbon Disulfide
Concen: 19.004 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

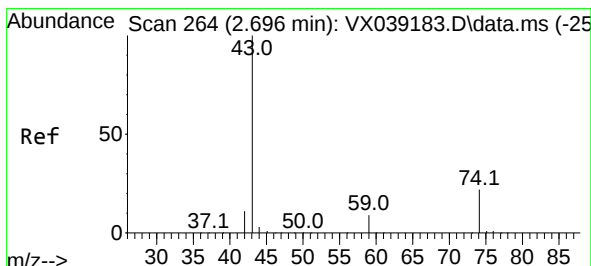
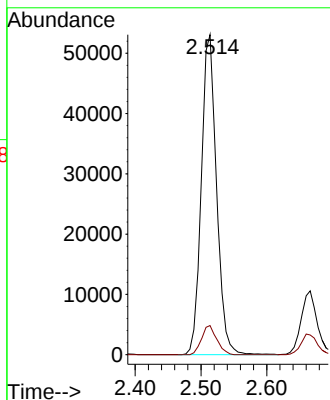
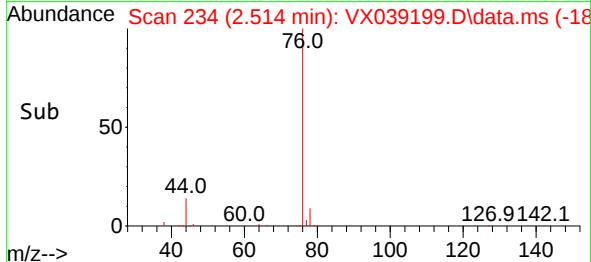
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01



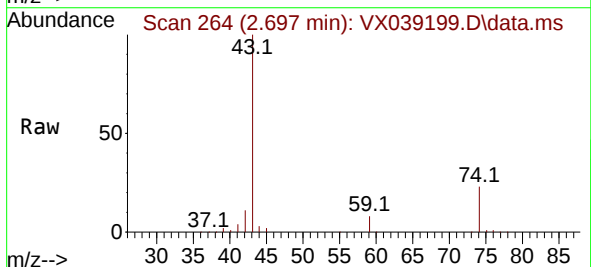
Tgt Ion: 76 Resp: 8543
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

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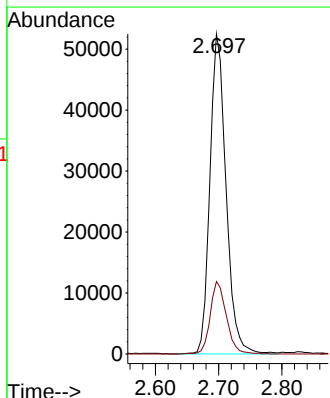
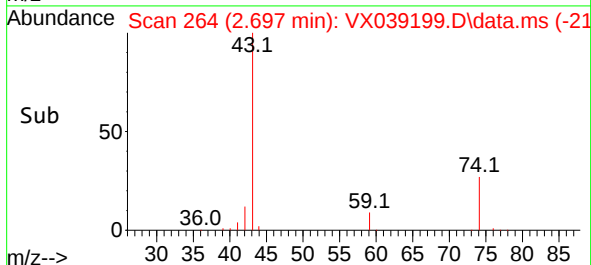
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

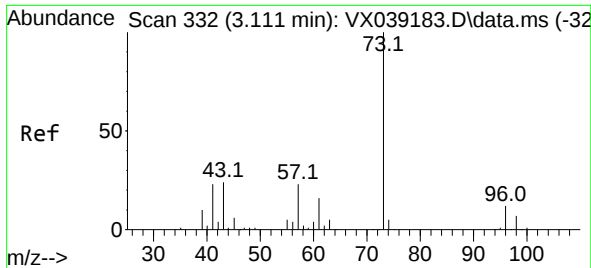


#18
Methyl Acetate
Concen: 19.660 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21



Tgt Ion: 43 Resp: 93065
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8





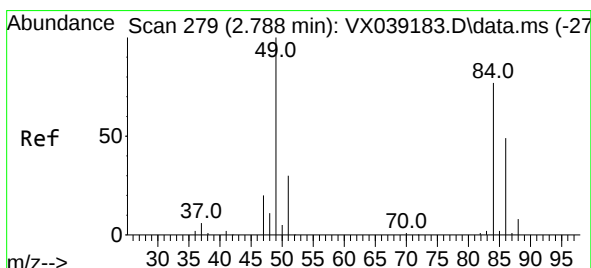
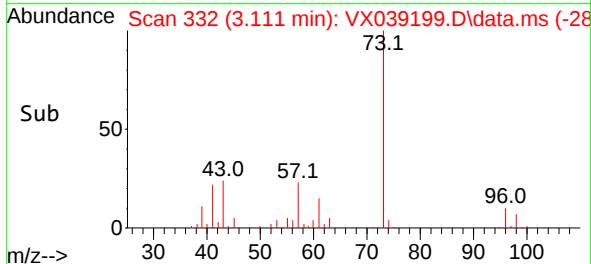
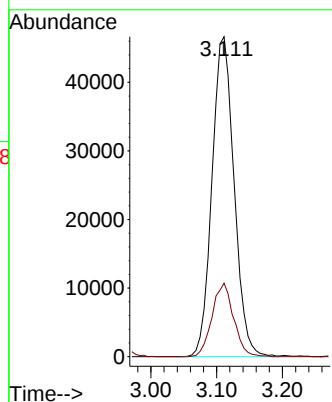
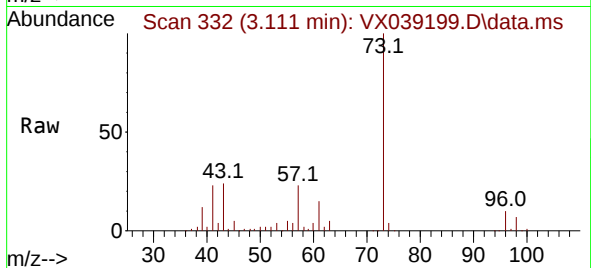
#19
Methyl tert-butyl Ether
Concen: 19.619 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion: 73 Resp: 109000
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9

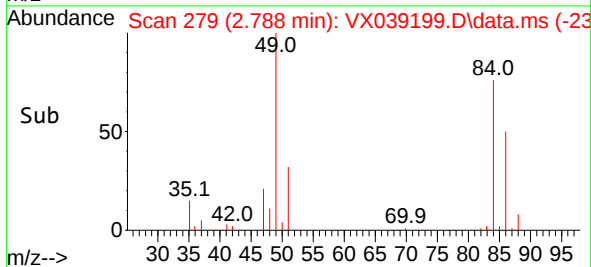
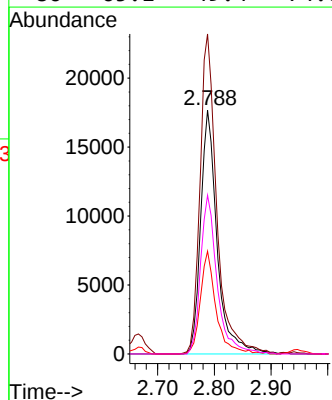
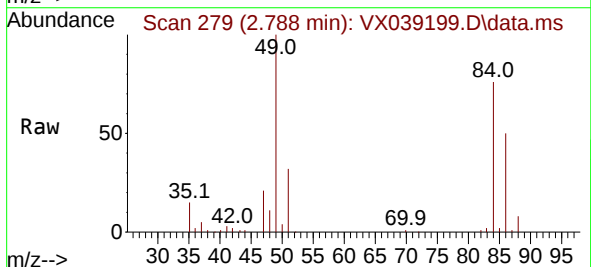
Manual Integrations
APPROVED

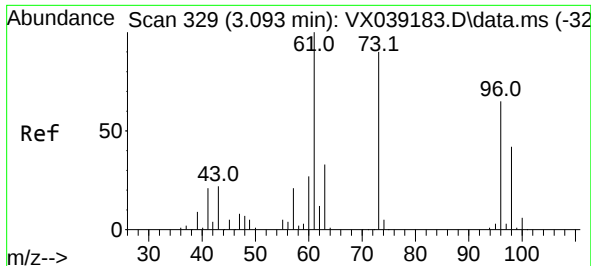
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#20
Methylene Chloride
Concen: 19.645 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

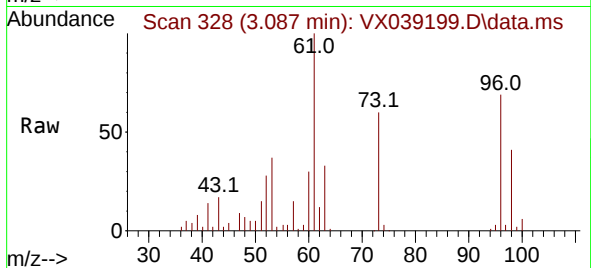
Tgt Ion: 84 Resp: 35841
Ion Ratio Lower Upper
84 100
49 131.2 103.6 155.4
51 42.1 33.8 50.6
86 65.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.166 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

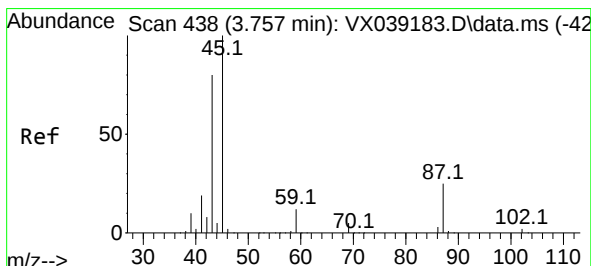
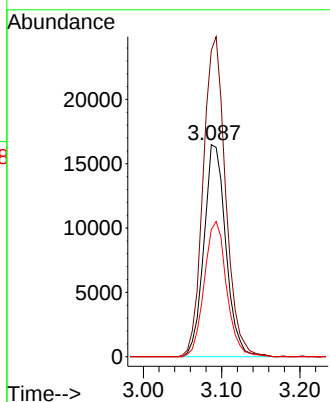
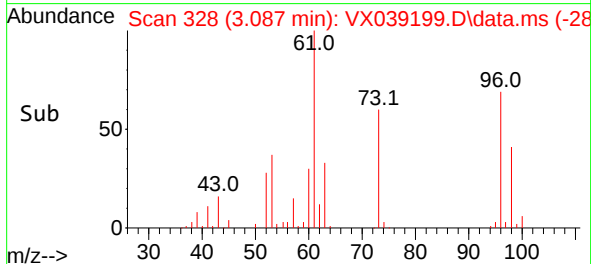
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01



Tgt Ion: 96 Resp: 32040
Ion Ratio Lower Upper
96 100
61 144.5 119.2 178.8
98 60.0 48.7 73.1

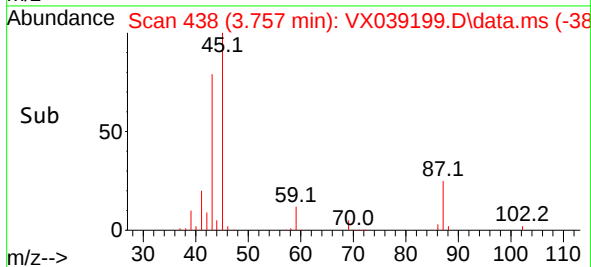
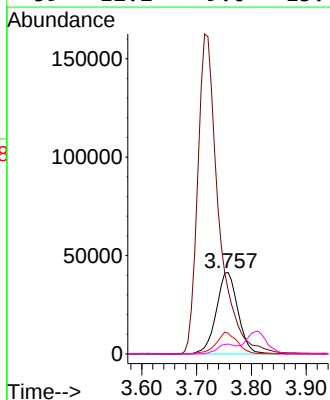
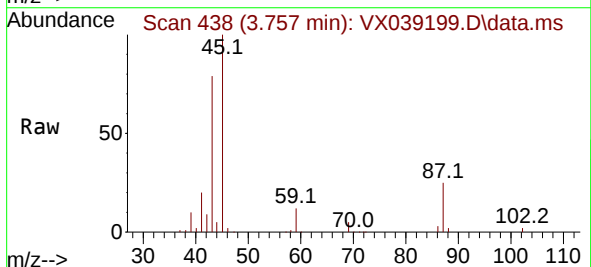
Manual Integrations
APPROVED

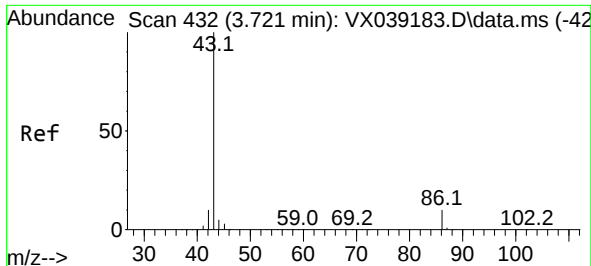
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#22
Diisopropyl ether
Concen: 20.050 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion: 45 Resp: 113587
Ion Ratio Lower Upper
45 100
43 78.3 69.7 104.5
87 25.4 20.8 31.2
59 12.2 9.0 13.4





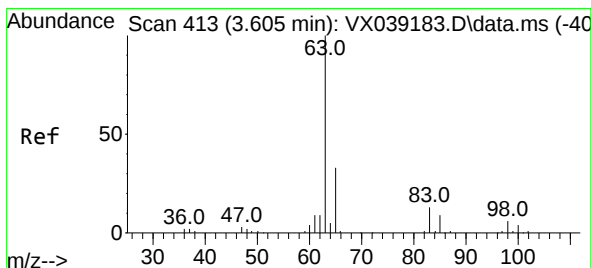
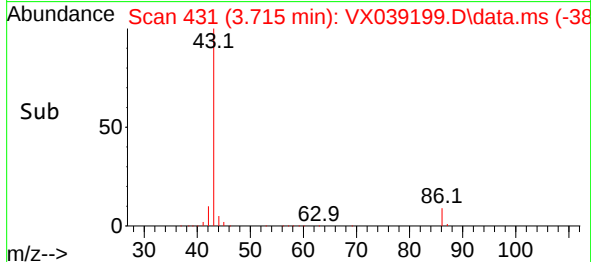
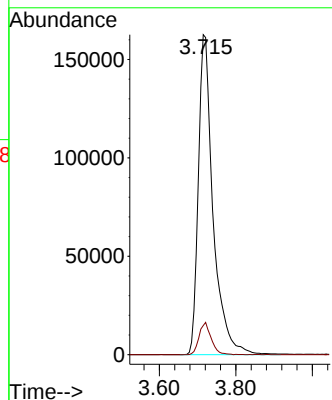
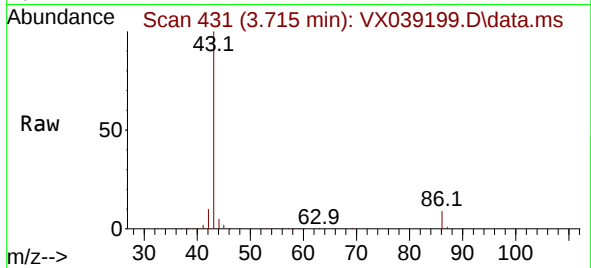
#23
 Vinyl Acetate
 Concen: 103.154 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX039199.D
 Acq: 14 Dec 2023 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD01

Tgt Ion: 43 Resp: 435059
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.8 11.8

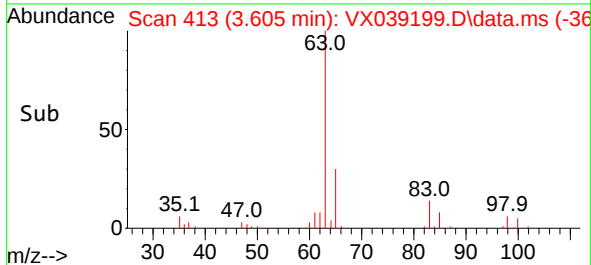
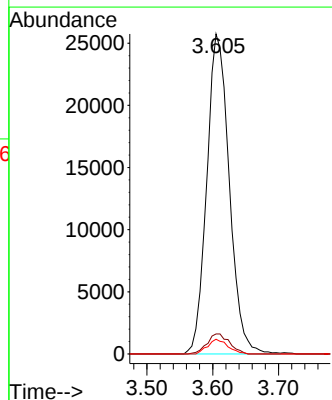
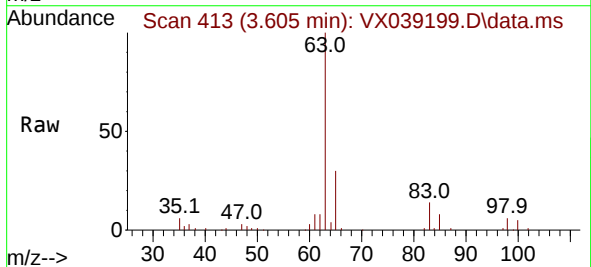
Manual Integrations
 APPROVED

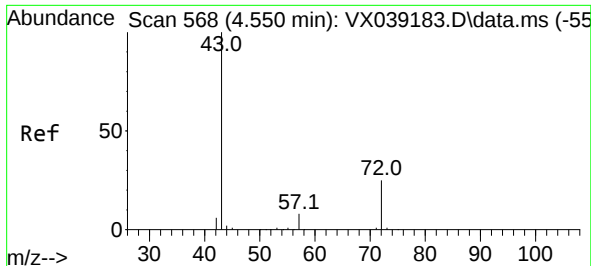
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023



#24
 1,1-Dichloroethane
 Concen: 19.168 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039199.D
 Acq: 14 Dec 2023 11:21

Tgt Ion: 63 Resp: 61386
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.6 2.1 6.5





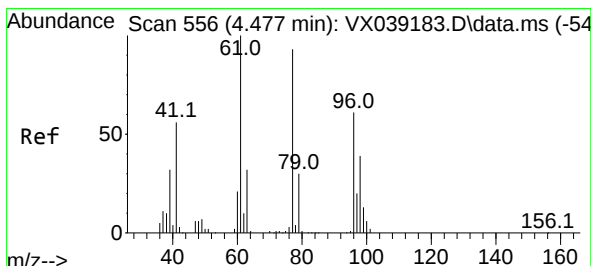
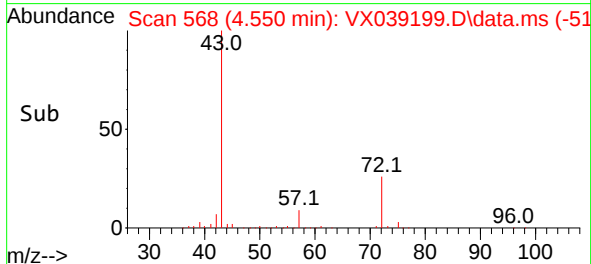
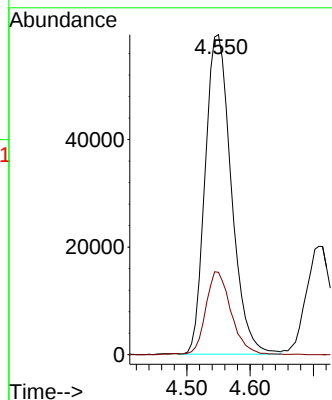
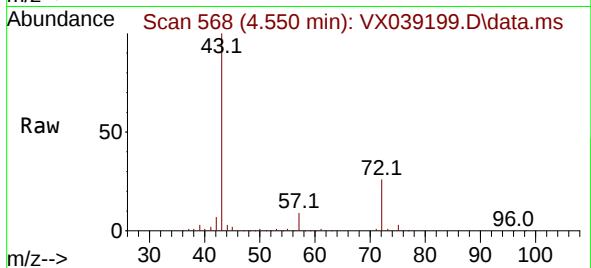
#25
2-Butanone
Concen: 90.505 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion: 43 Resp: 170925
Ion Ratio Lower Upper
43 100
72 25.6 19.4 29.2

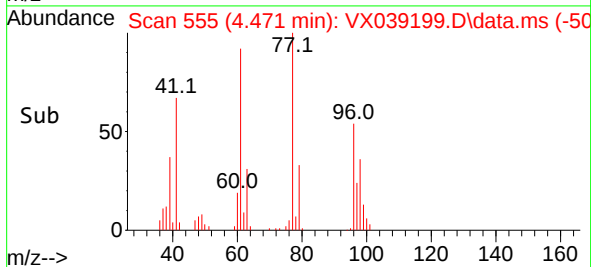
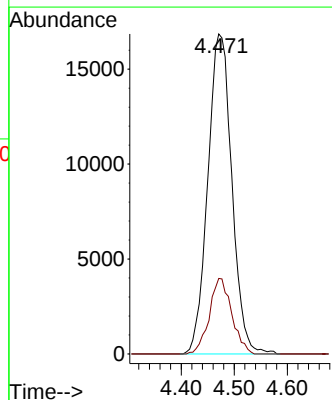
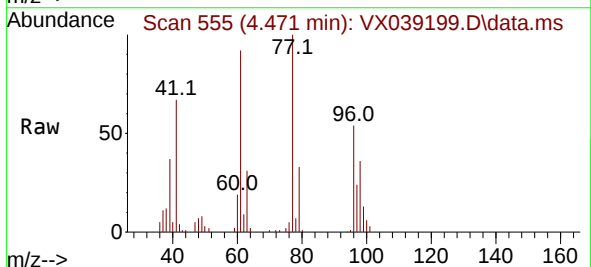
Manual Integrations
APPROVED

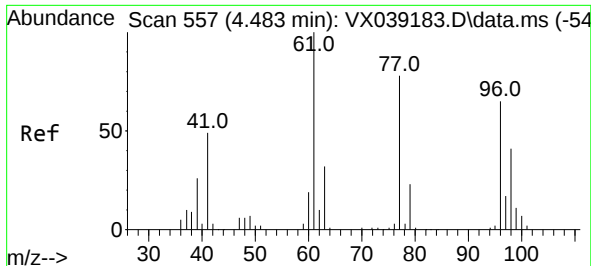
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#26
2,2-Dichloropropane
Concen: 18.985 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

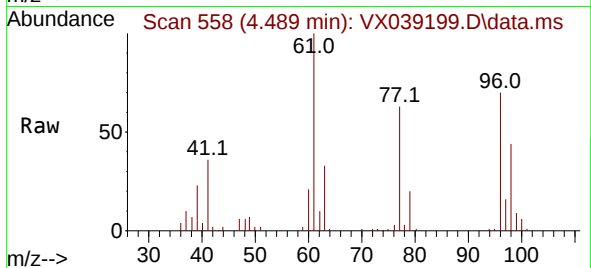
Tgt Ion: 77 Resp: 53079
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 20.000 ug/l
RT: 4.489 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

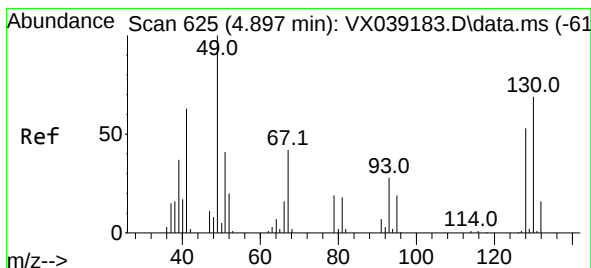
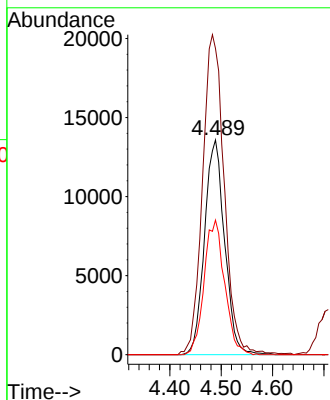
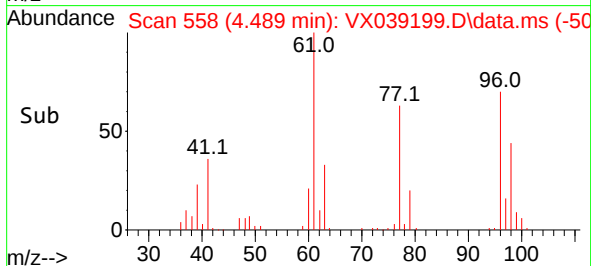
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01



Tgt Ion: 96 Resp: 3690
Ion Ratio Lower Upper
96 100
61 160.2 0.0 312.2
98 63.9 0.0 129.0

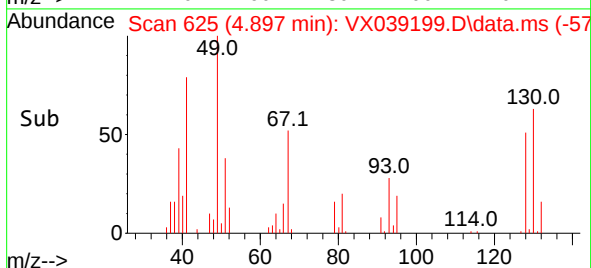
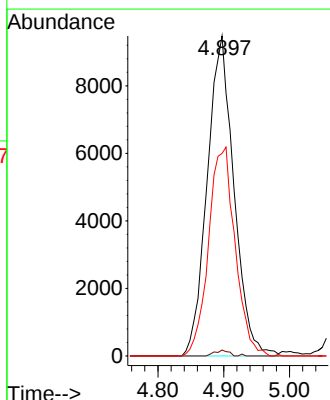
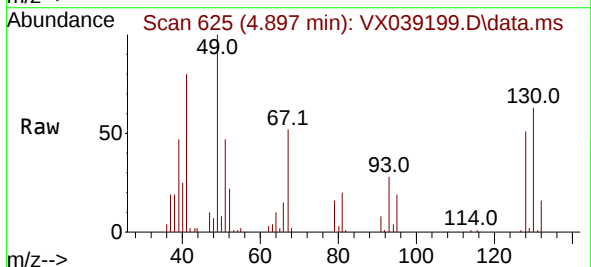
Manual Integrations
APPROVED

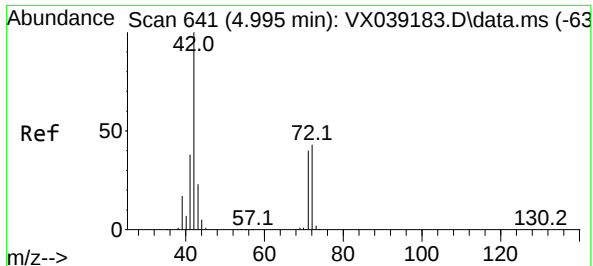
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#28
Bromochloromethane
Concen: 17.166 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion: 49 Resp: 26823
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.8
130 64.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 102.368 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD01

Tgt Ion: 42 Resp: 10676

Ion Ratio Lower Upper

42 100

72 43.6 34.2 51.4

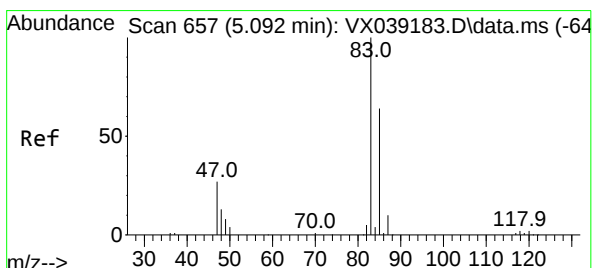
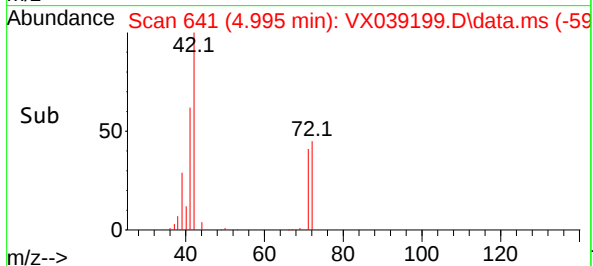
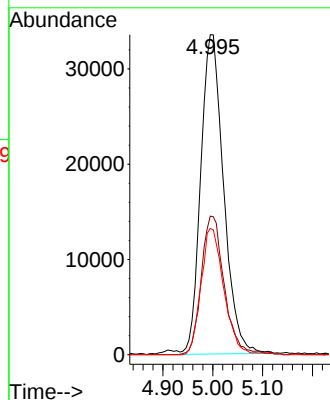
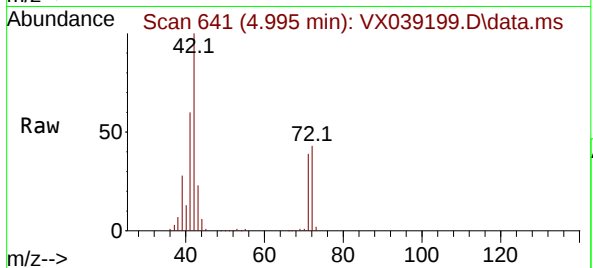
71 39.8 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#30

Chloroform

Concen: 19.400 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039199.D

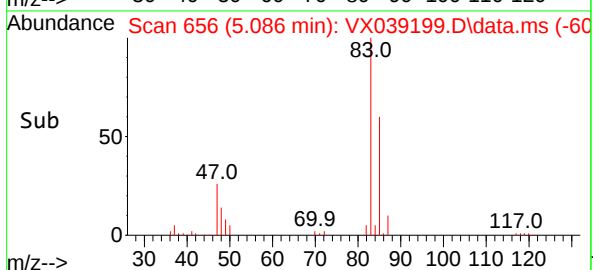
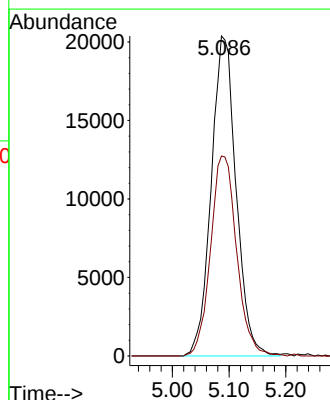
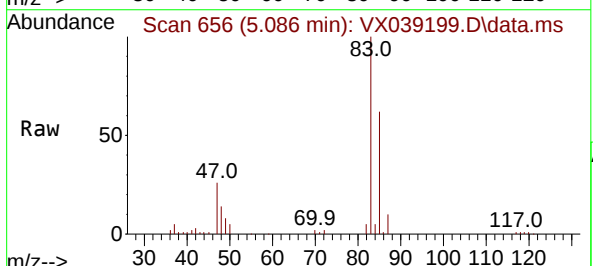
Acq: 14 Dec 2023 11:21

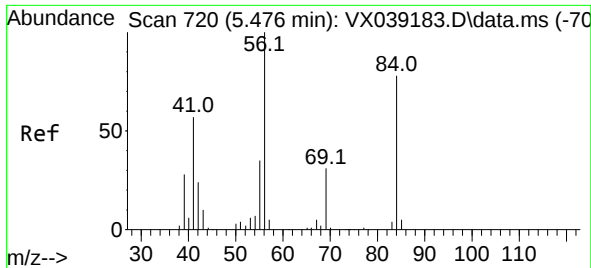
Tgt Ion: 83 Resp: 62085

Ion Ratio Lower Upper

83 100

85 62.5 50.3 75.5





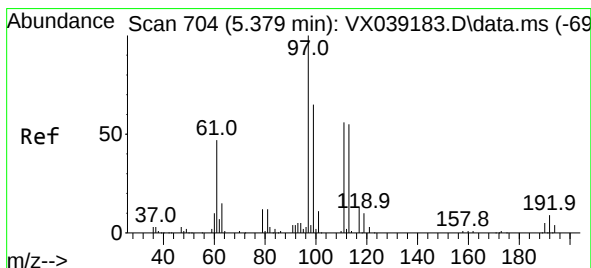
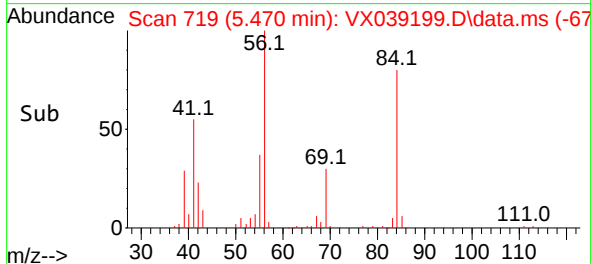
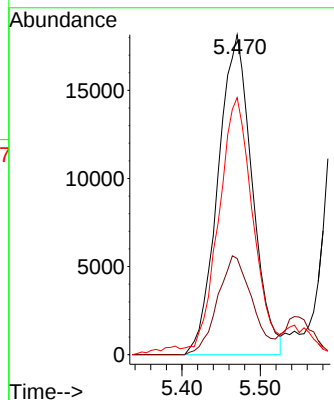
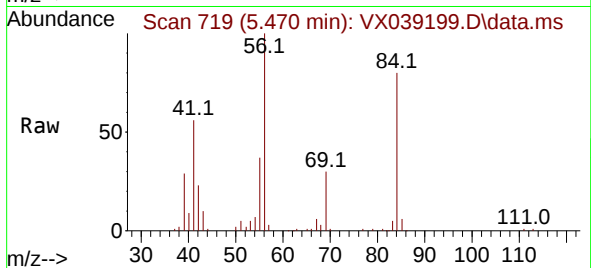
#31
Cyclohexane
Concen: 19.460 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion: 56 Resp: 55008
Ion Ratio Lower Upper
56 100
69 30.0 23.4 35.2
84 78.4 65.9 98.9

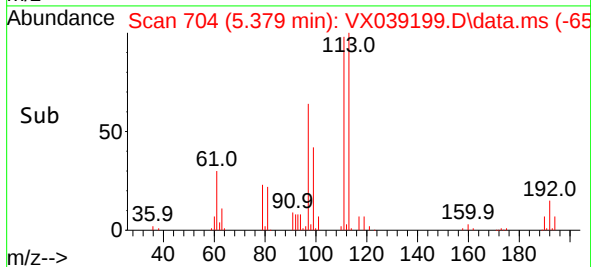
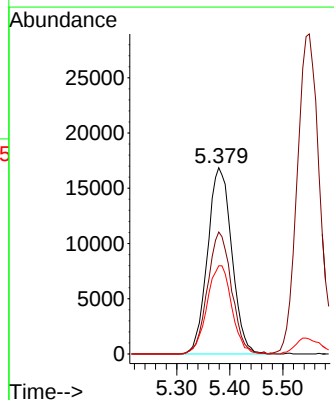
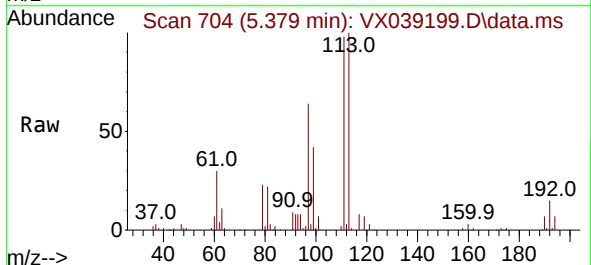
Manual Integrations
APPROVED

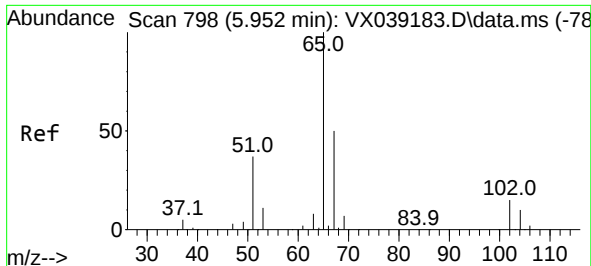
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#32
1,1,1-Trichloroethane
Concen: 19.248 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion: 97 Resp: 53474
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 48.5 36.4 54.6





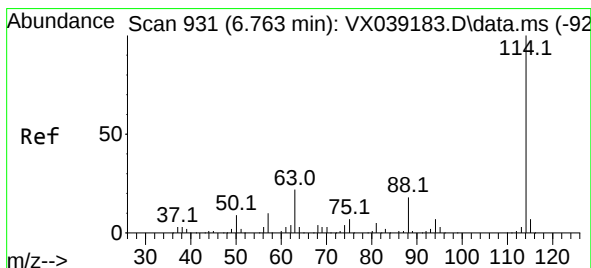
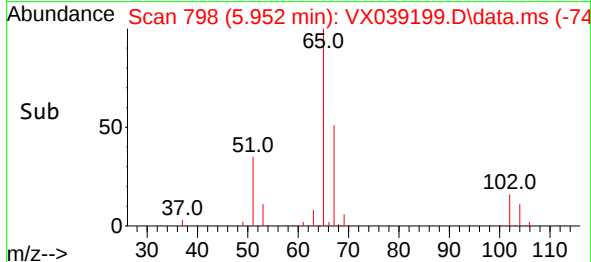
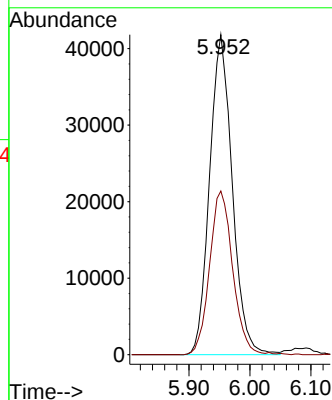
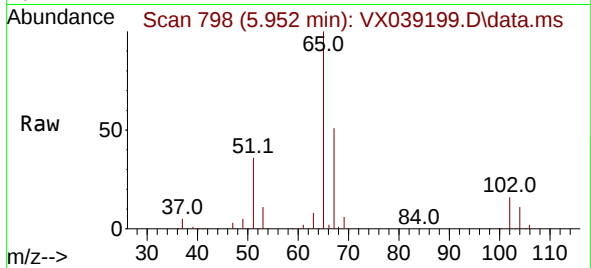
#33
1,2-Dichloroethane-d4
Concen: 49.397 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion: 65 Resp: 108108
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

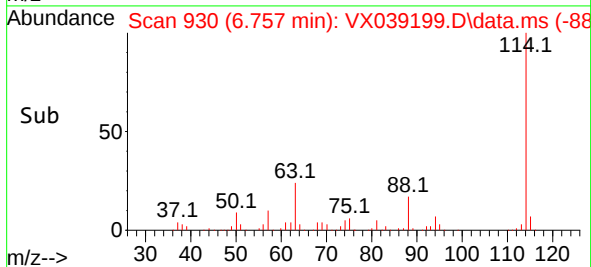
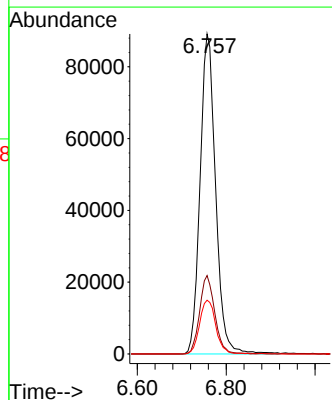
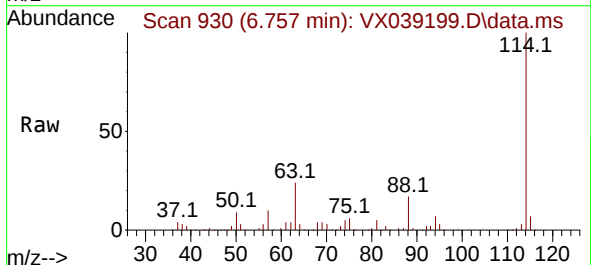
Manual Integrations
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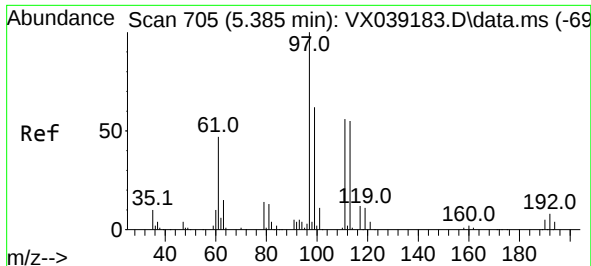
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

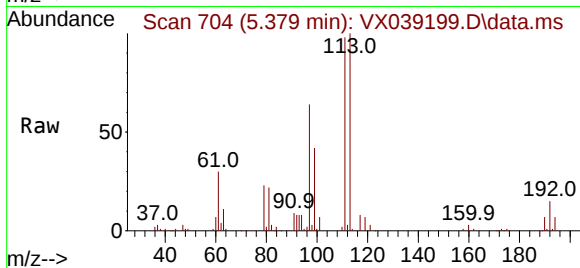
Tgt Ion:114 Resp: 216877
Ion Ratio Lower Upper
114 100
63 24.5 0.0 45.0
88 16.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.246 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

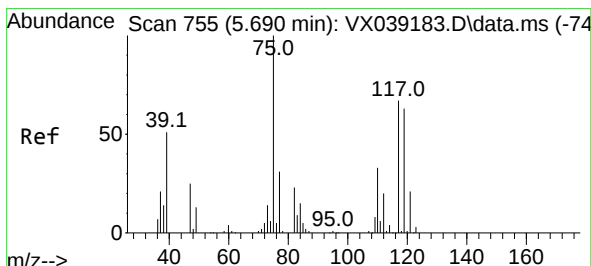
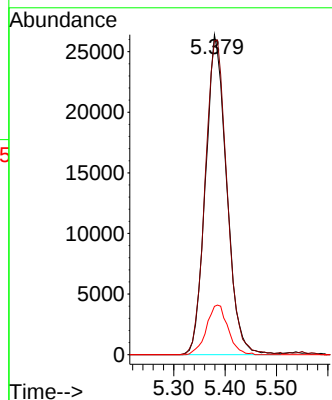
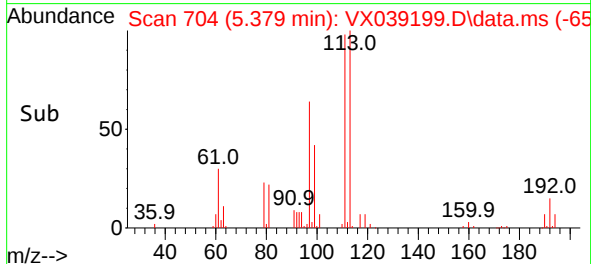
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01



Tgt Ion:113 Resp: 7528
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 15.8 13.3 19.9

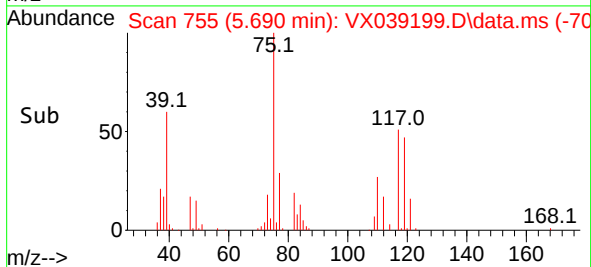
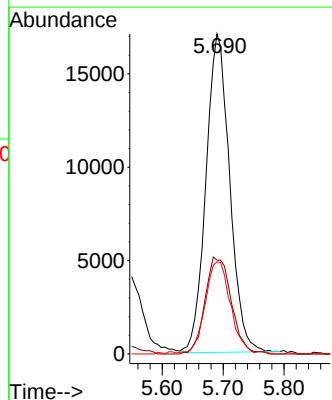
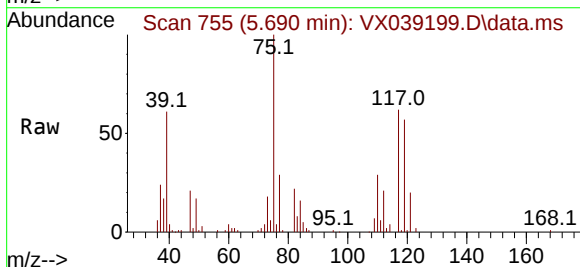
Manual Integrations
APPROVED

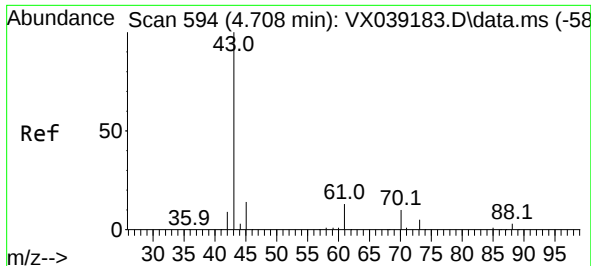
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#36
1,1-Dichloropropene
Concen: 19.521 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

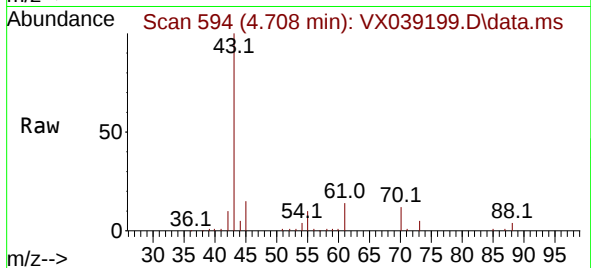
Tgt Ion: 75 Resp: 46155
Ion Ratio Lower Upper
75 100
110 33.6 17.0 50.9
77 31.2 24.7 37.1





#37
Ethyl Acetate
Concen: 20.223 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

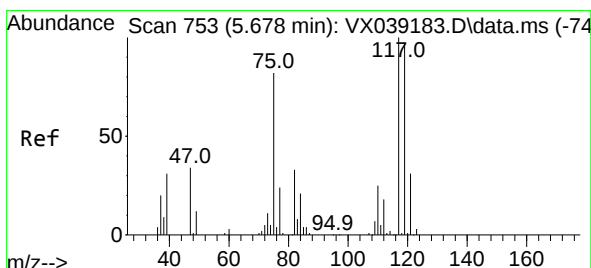
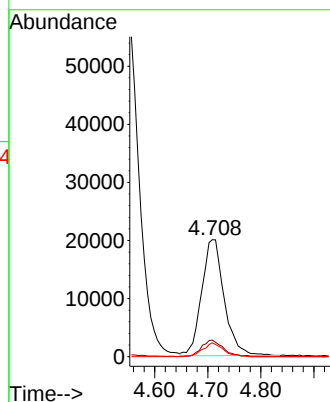
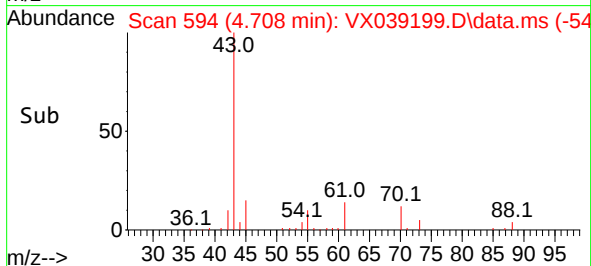
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01



Tgt Ion: 43 Resp: 5907
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 10.7 8.3 12.5

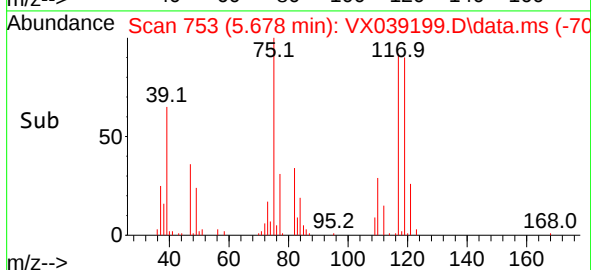
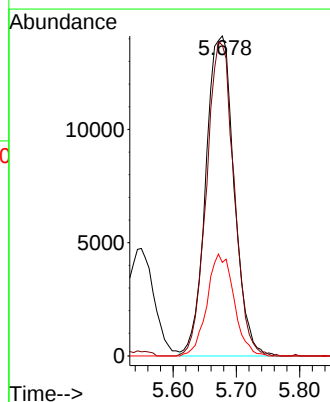
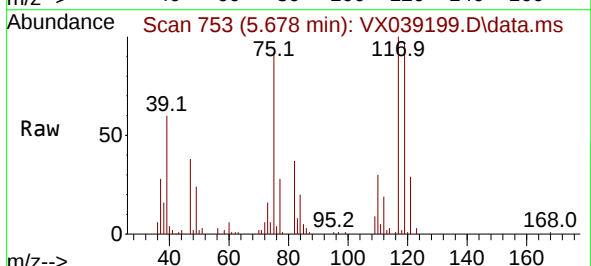
Manual Integrations
APPROVED

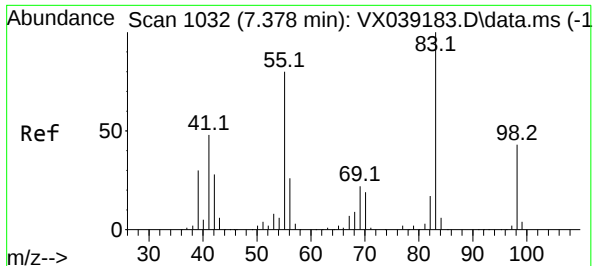
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#38
Carbon Tetrachloride
Concen: 19.459 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

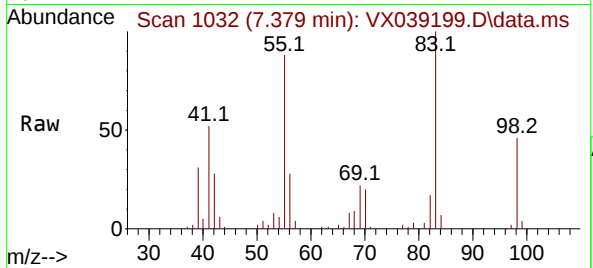
Tgt Ion:117 Resp: 43906
Ion Ratio Lower Upper
117 100
119 97.2 78.2 117.2
121 29.2 24.4 36.6





#39
Methylcyclohexane
Concen: 19.918 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

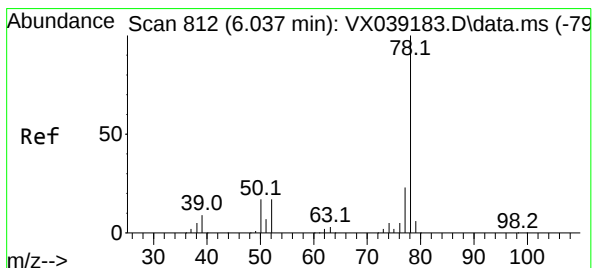
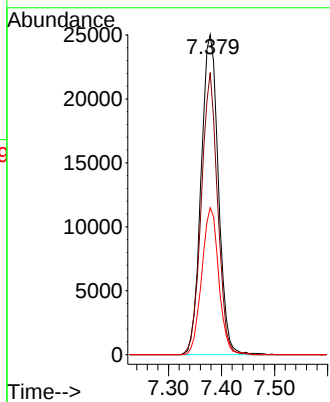
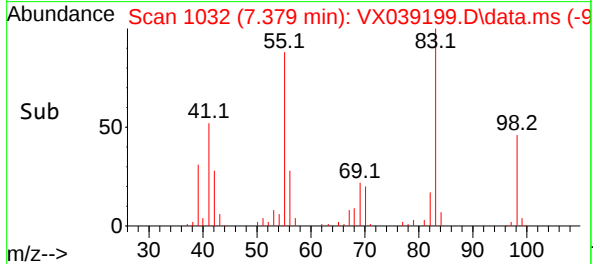
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01



Tgt Ion: 83 Resp: 56569
Ion Ratio Lower Upper
83 100
55 88.1 64.6 97.0
98 45.9 36.7 55.1

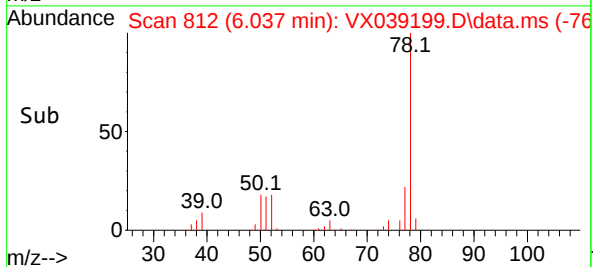
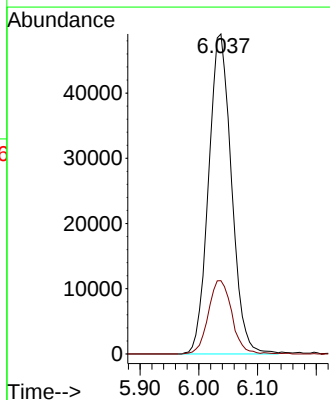
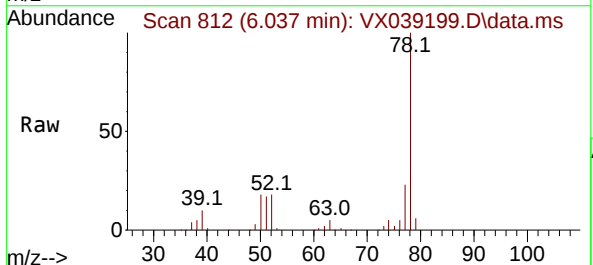
Manual Integrations
APPROVED

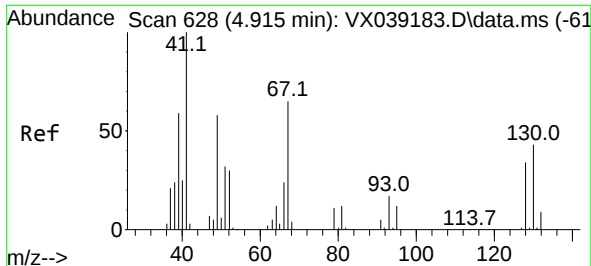
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#40
Benzene
Concen: 19.867 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion: 78 Resp: 132876
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9





#41
Methacrylonitrile
Concen: 20.054 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD01

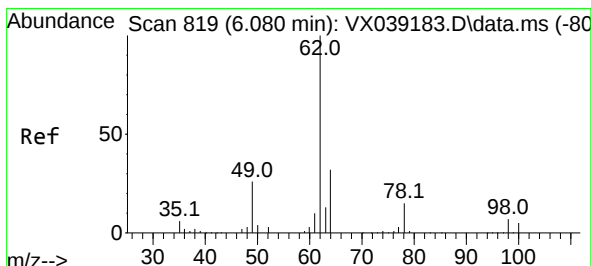
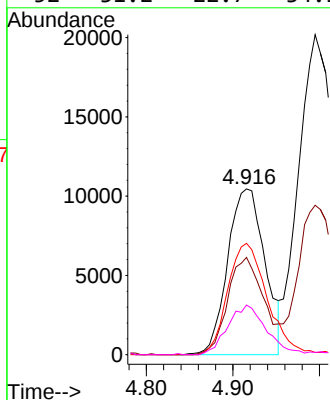
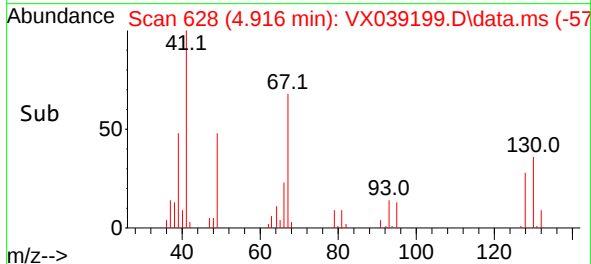
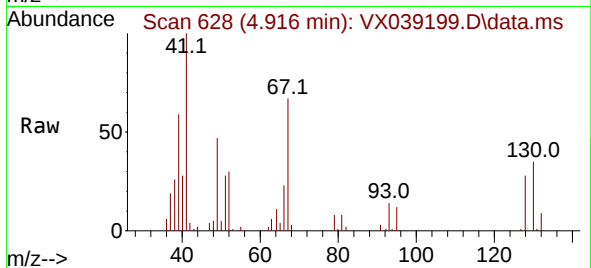
Tgt Ion: 41 Resp: 3125
Ion Ratio Lower Upper
41 100
39 56.9 45.2 67.8
67 71.5 52.6 78.8
52 31.2 22.7 34.1

Manual Integrations

APPROVED

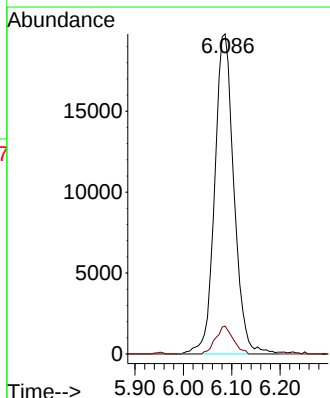
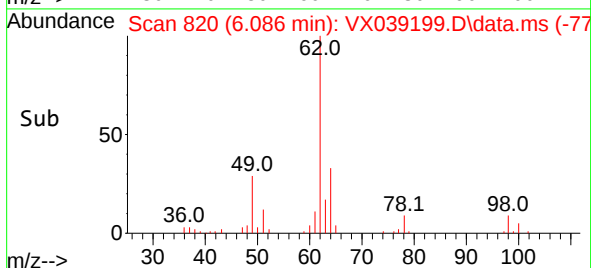
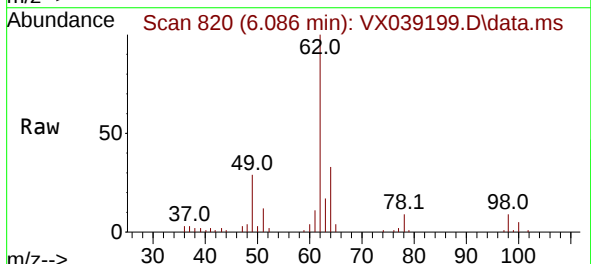
Reviewed By :John Carlone 12/15/2023

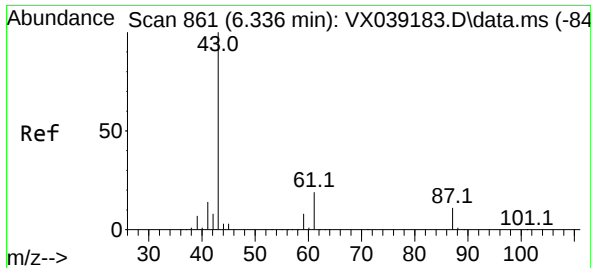
Supervised By :Mahesh Dadoda 12/15/2023



#42
1,2-Dichloroethane
Concen: 20.219 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

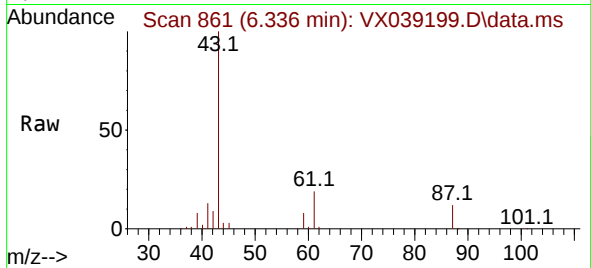
Tgt Ion: 62 Resp: 54739
Ion Ratio Lower Upper
62 100
98 7.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 20.496 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

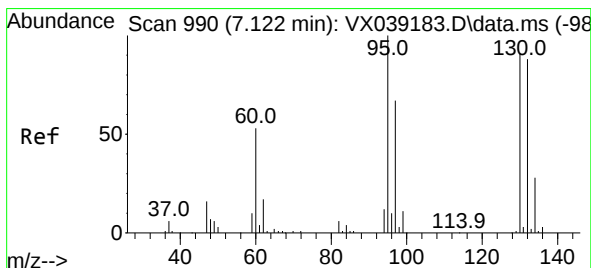
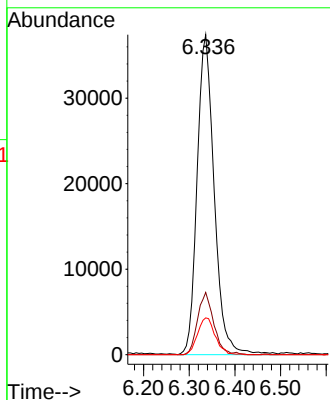
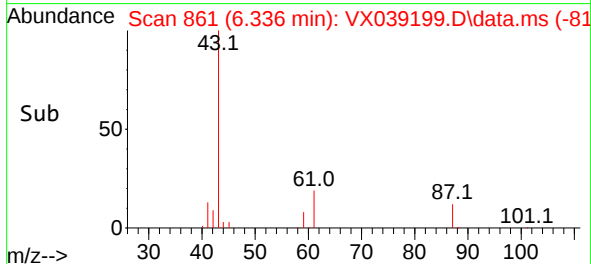
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01



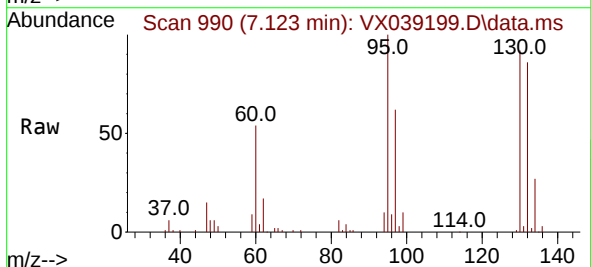
Tgt Ion: 43 Resp: 97358
Ion Ratio Lower Upper
43 100
61 18.3 15.2 22.8
87 11.9 9.8 14.6

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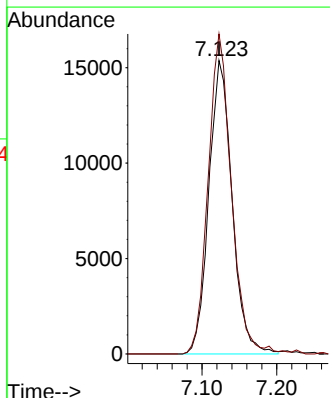
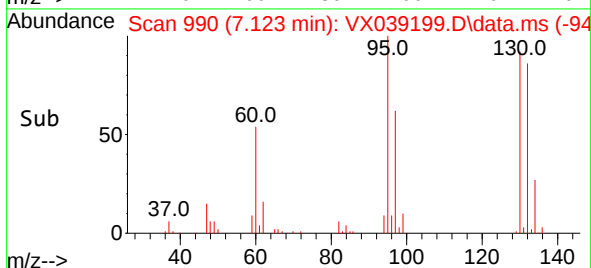
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

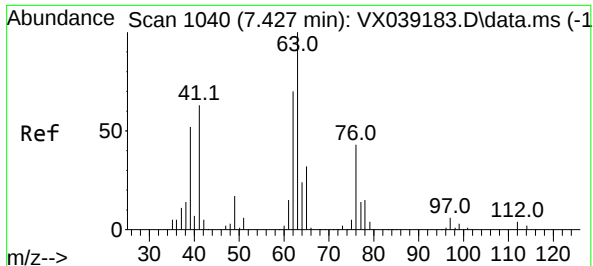


#44
Trichloroethene
Concen: 19.755 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21



Tgt Ion:130 Resp: 33341
Ion Ratio Lower Upper
130 100
95 109.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 20.162 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD01

Tgt Ion: 63 Resp: 3619

Ion Ratio Lower Upper

63 100

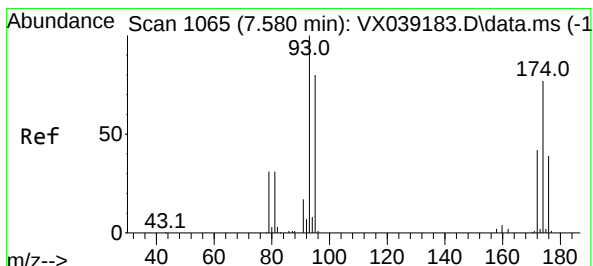
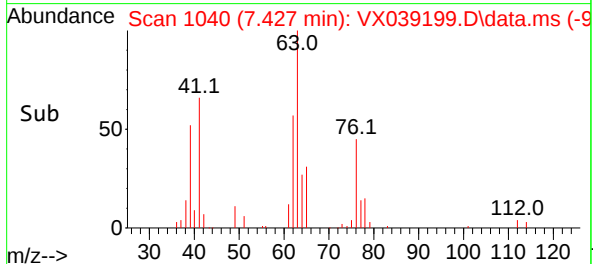
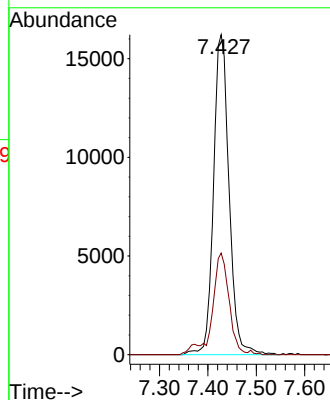
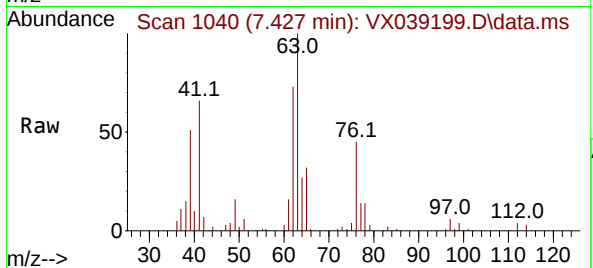
65 31.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#46

Dibromomethane

Concen: 20.149 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

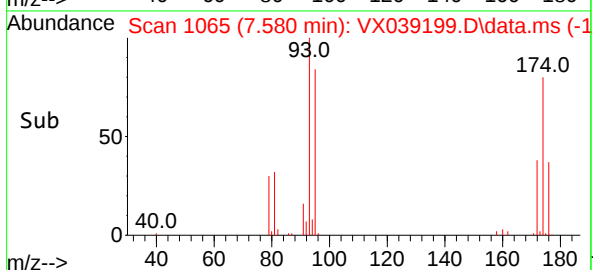
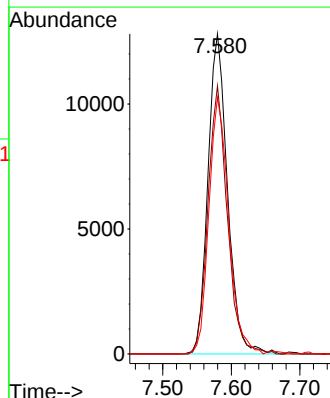
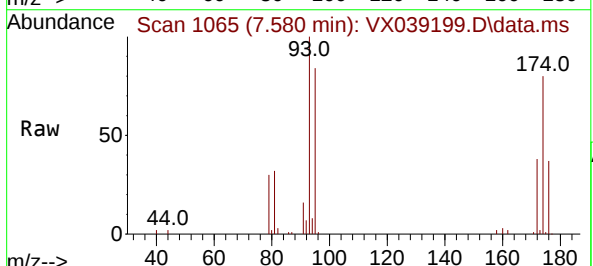
Tgt Ion: 93 Resp: 25424

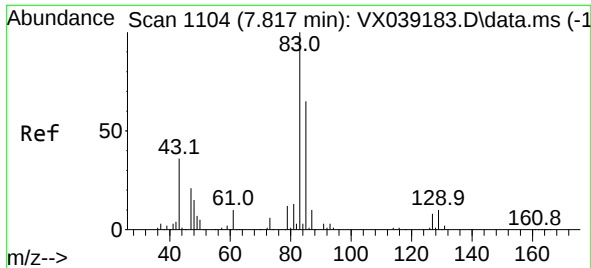
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 81.0 69.4 104.0





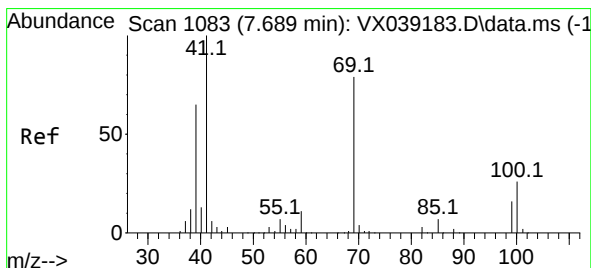
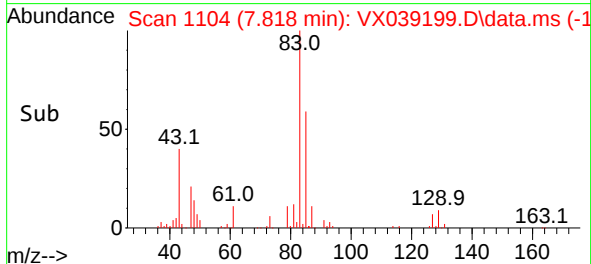
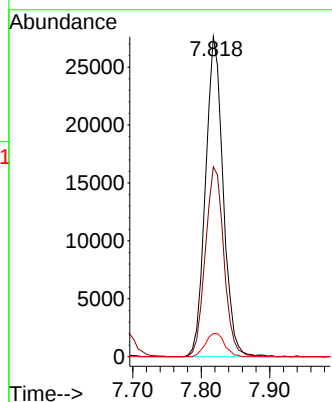
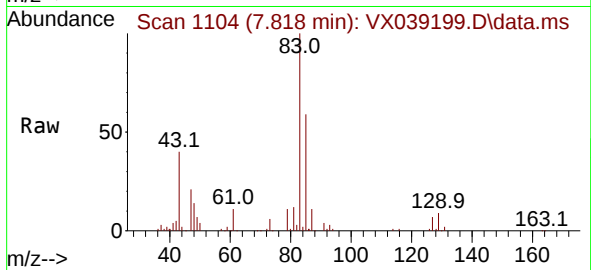
#47
Bromodichloromethane
Concen: 20.500 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion: 83 Resp: 4945
Ion Ratio Lower Upper
83 100
85 59.4 49.8 74.6
127 7.2 7.1 10.7

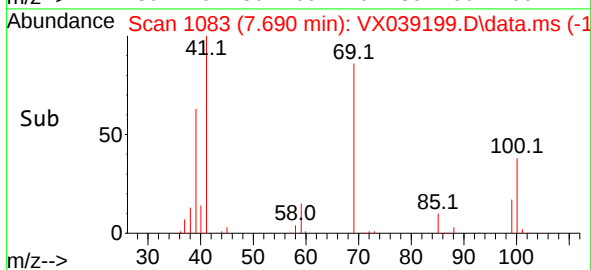
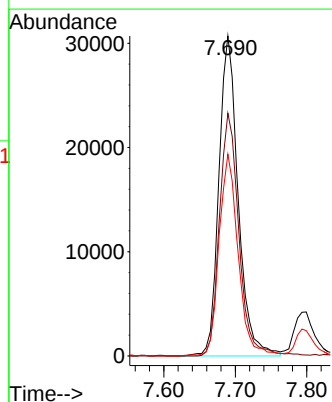
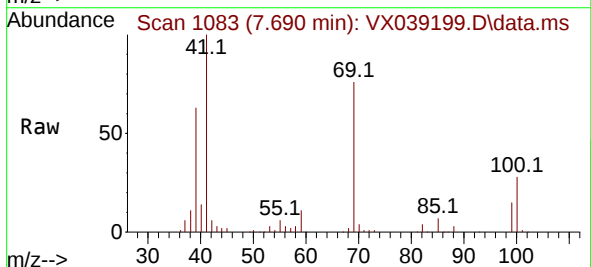
Manual Integrations
APPROVED

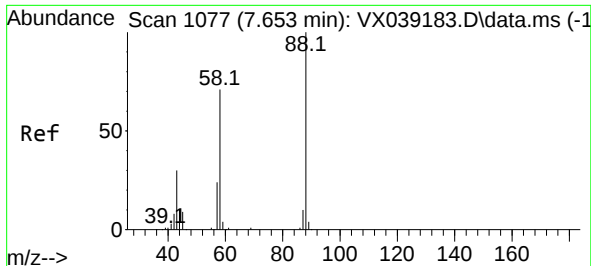
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#48
Methyl methacrylate
Concen: 20.699 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion: 41 Resp: 57481
Ion Ratio Lower Upper
41 100
69 76.8 59.2 88.8
39 62.6 47.7 71.5





#49

1,4-Dioxane

Concen: 475.663 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD01

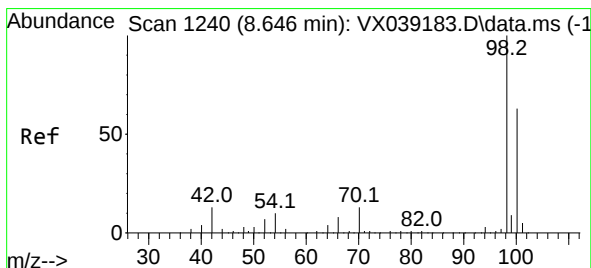
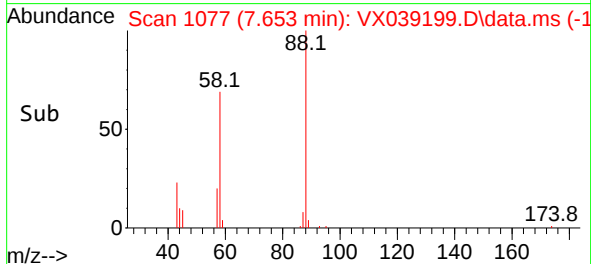
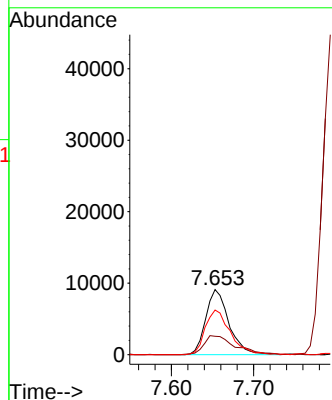
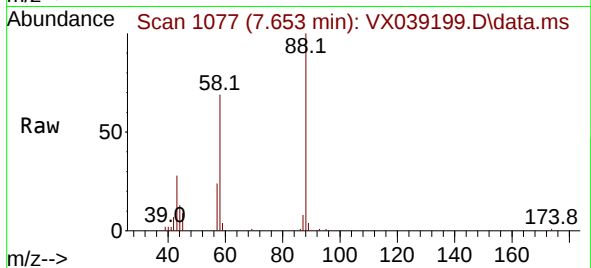
Tgt Ion: 88 Resp: 17809
 Ion Ratio Lower Upper
 88 100
 43 39.8 0.0 0.0
 58 74.5 60.1 90.1

Manual Integrations

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Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#50

Toluene-d8

Concen: 50.873 ug/l

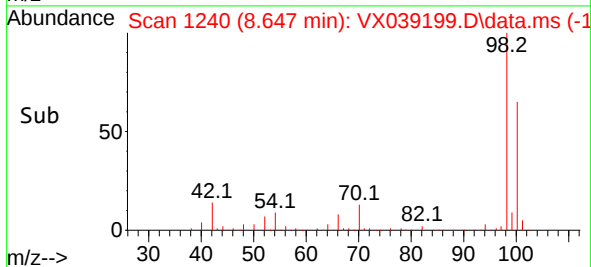
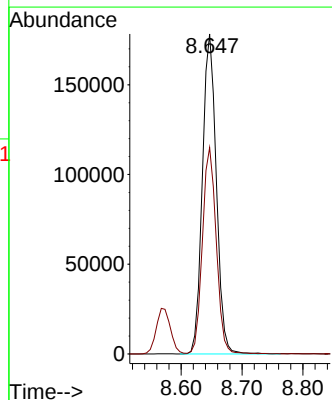
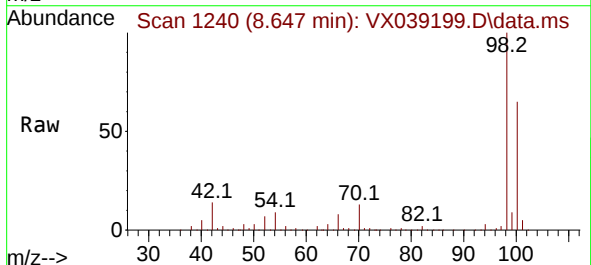
RT: 8.647 min Scan# 1240

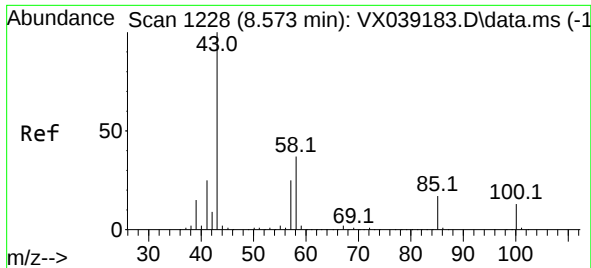
Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Tgt Ion: 98 Resp: 282980
 Ion Ratio Lower Upper
 98 100
 100 64.0 53.1 79.7





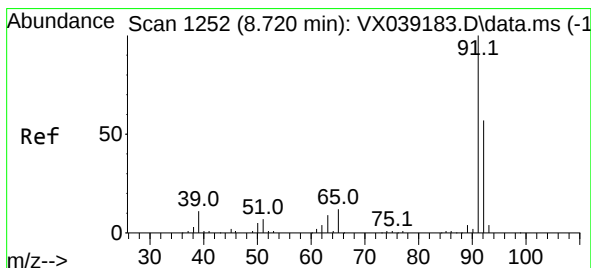
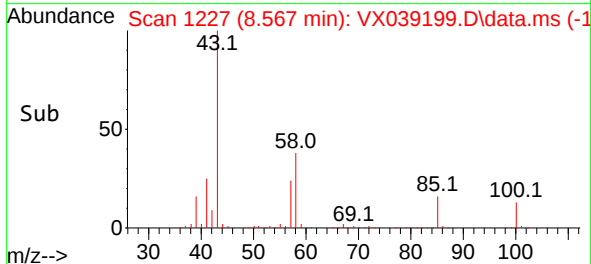
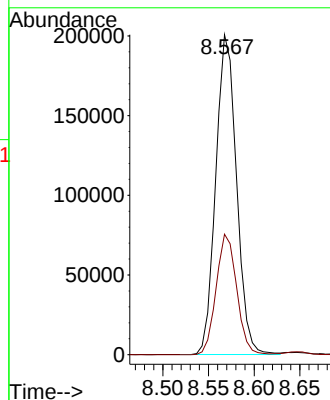
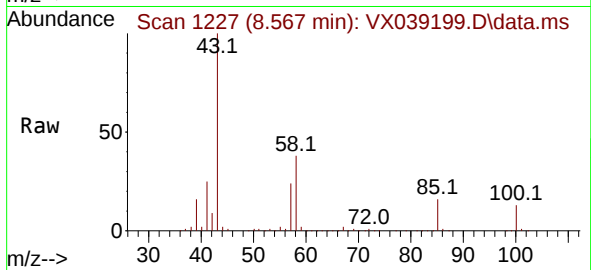
#51
4-Methyl-2-Pentanone
Concen: 104.794 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion: 43 Resp: 317150
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6

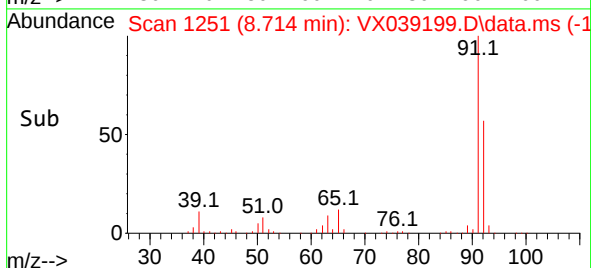
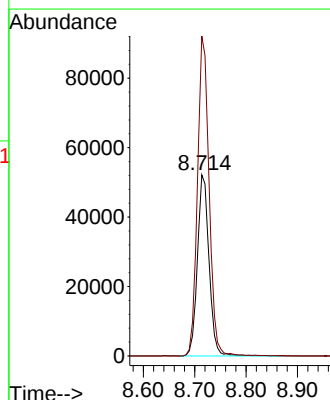
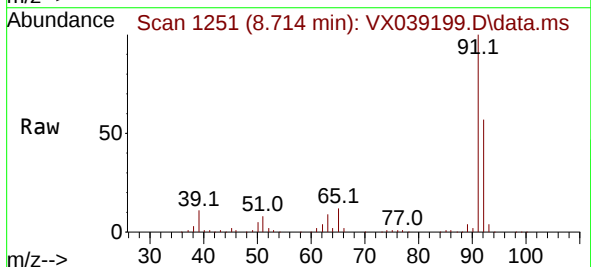
Manual Integrations
APPROVED

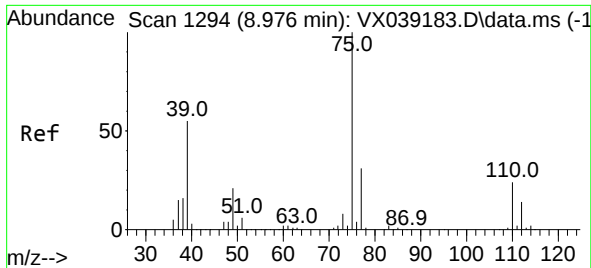
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#52
Toluene
Concen: 20.313 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

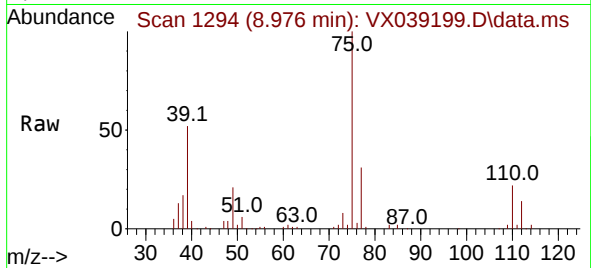
Tgt Ion: 92 Resp: 81999
Ion Ratio Lower Upper
92 100
91 176.3 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 20.477 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX039199.D
 Acq: 14 Dec 2023 11:21

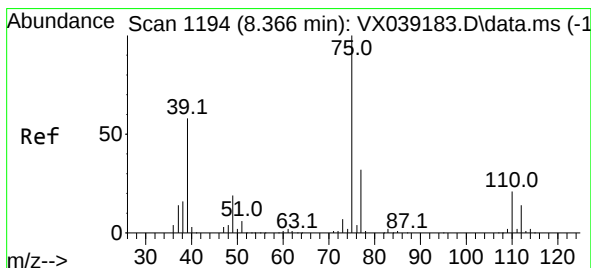
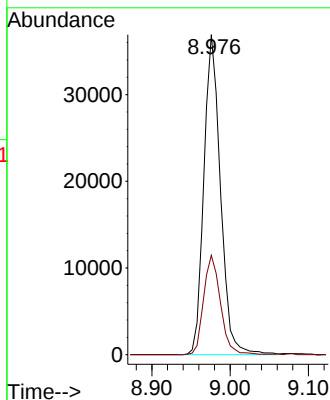
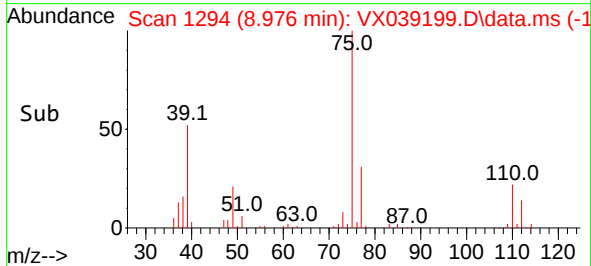
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD01



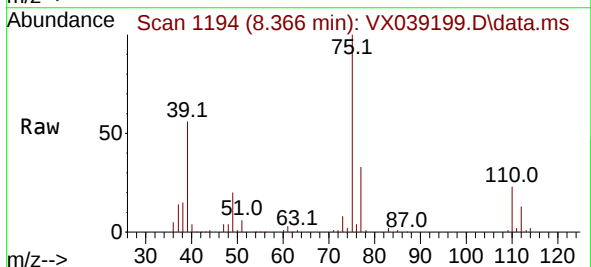
Tgt Ion: 75 Resp: 54390
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.7 38.5

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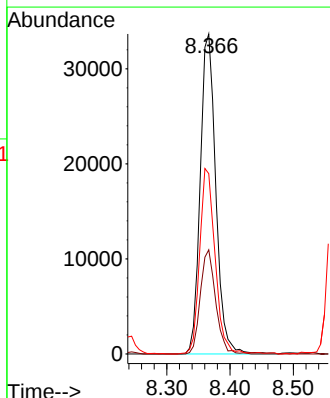
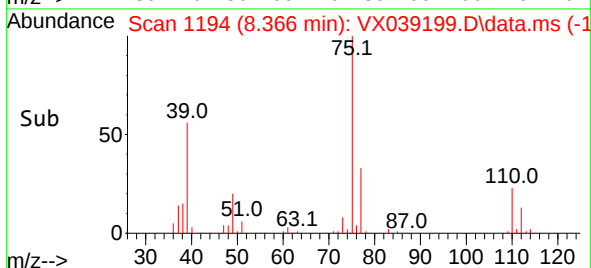
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023

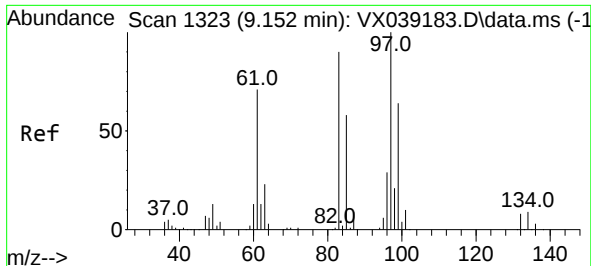


#54
 cis-1,3-Dichloropropene
 Concen: 20.193 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX039199.D
 Acq: 14 Dec 2023 11:21



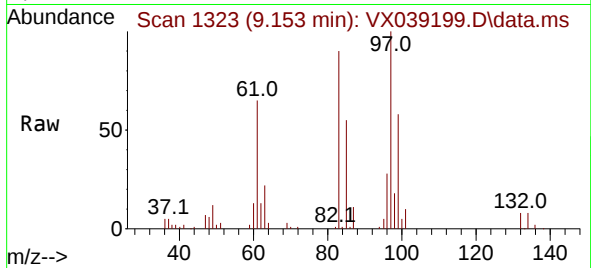
Tgt Ion: 75 Resp: 57711
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9
 39 56.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 20.670 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

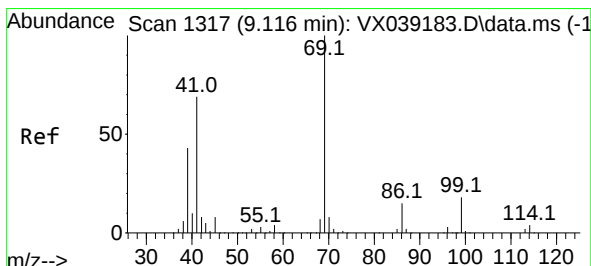
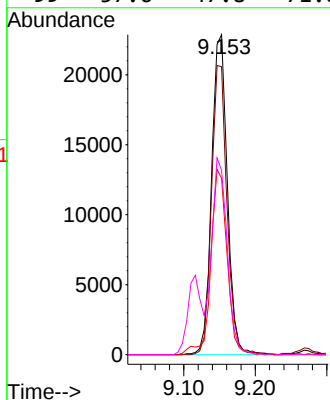
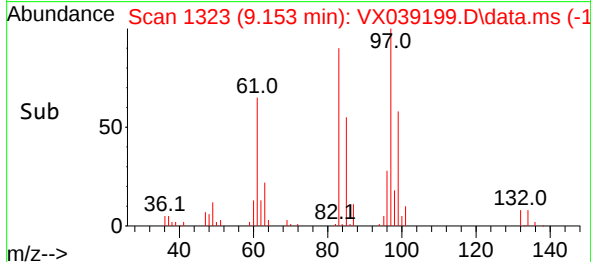
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.0	65.8	98.8
85	55.2	41.6	62.4
99	57.6	47.8	71.8

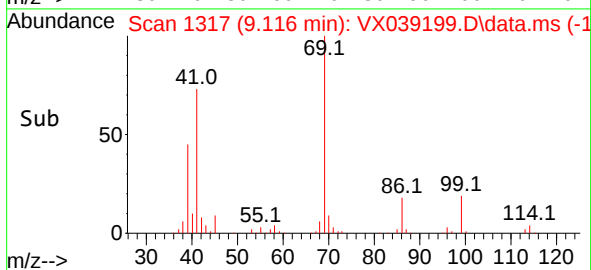
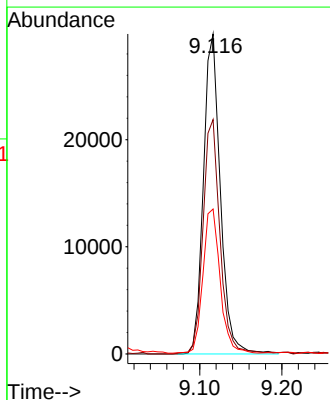
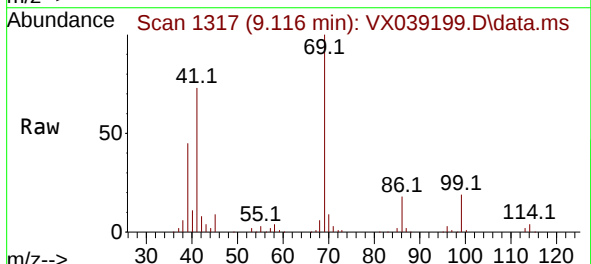
Manual Integrations
APPROVED

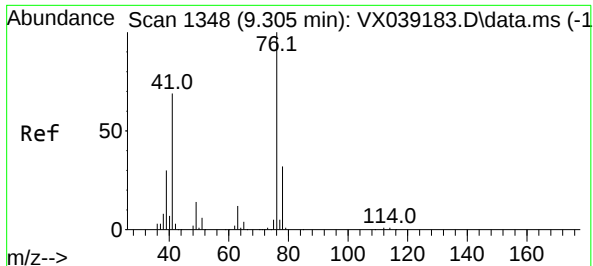
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#56
Ethyl methacrylate
Concen: 20.788 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.9	56.8	85.2
39	45.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.731 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD01

Tgt Ion: 76 Resp: 6039

Ion Ratio Lower Upper

76 100

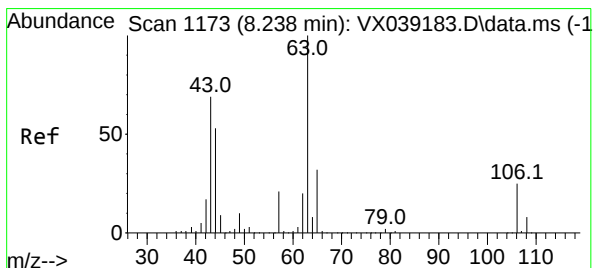
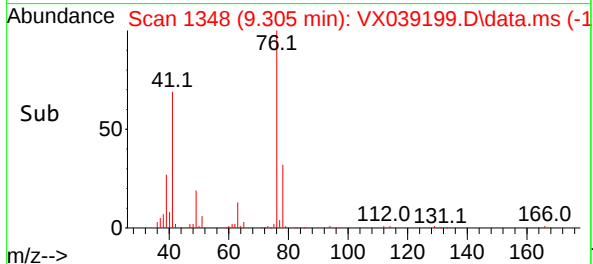
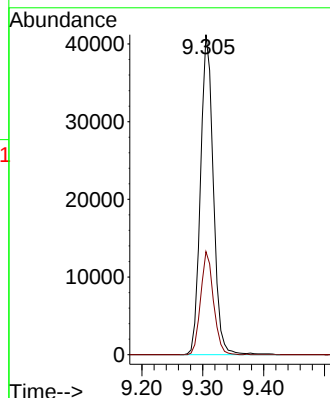
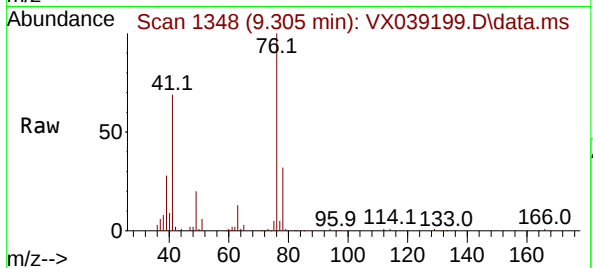
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 101.204 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039199.D

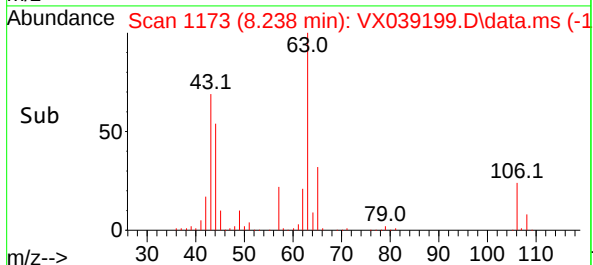
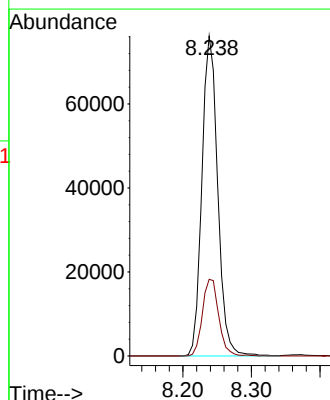
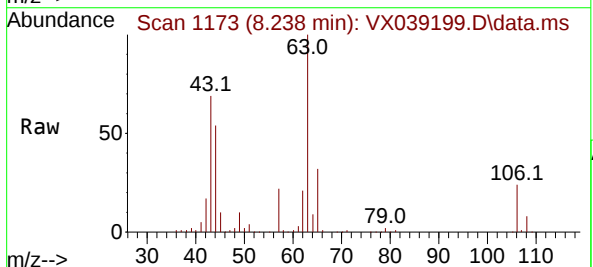
Acq: 14 Dec 2023 11:21

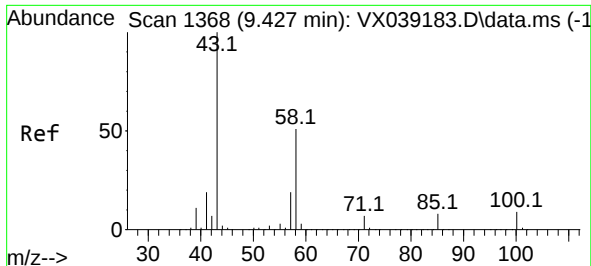
Tgt Ion: 63 Resp: 122257

Ion Ratio Lower Upper

63 100

106 24.8 22.5 33.7





#59

2-Hexanone

Concen: 98.305 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD01

Tgt Ion: 43 Resp: 256768

Ion Ratio Lower Upper

43 100

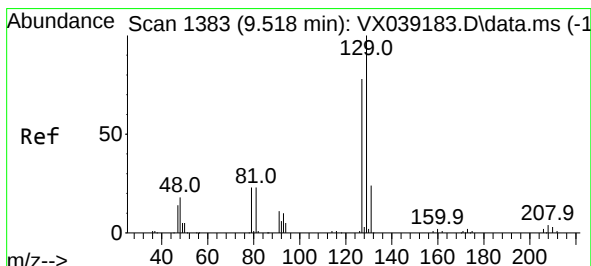
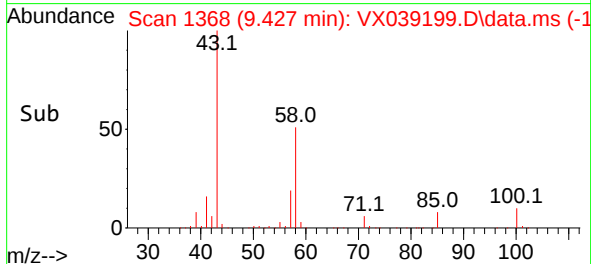
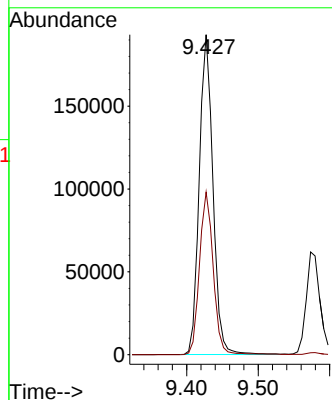
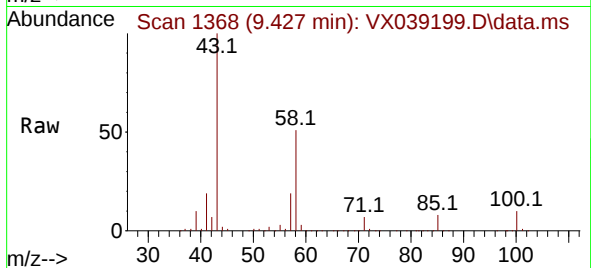
58 51.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#60

Dibromochloromethane

Concen: 20.421 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039199.D

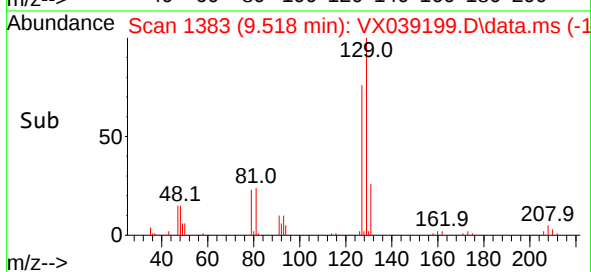
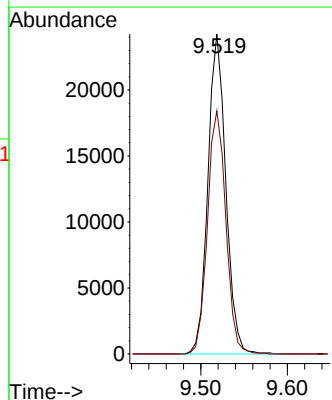
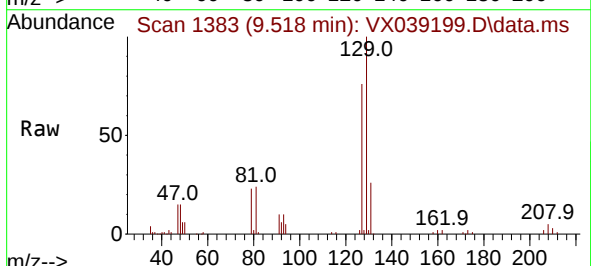
Acq: 14 Dec 2023 11:21

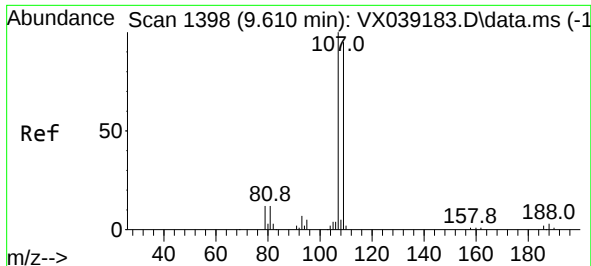
Tgt Ion:129 Resp: 34804

Ion Ratio Lower Upper

129 100

127 77.9 38.8 116.4





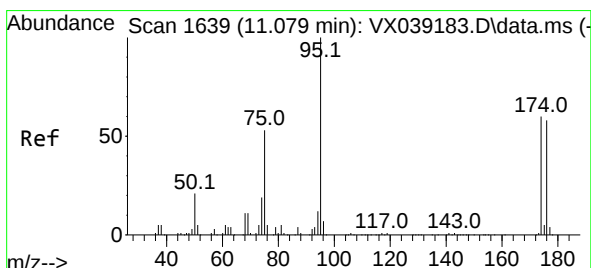
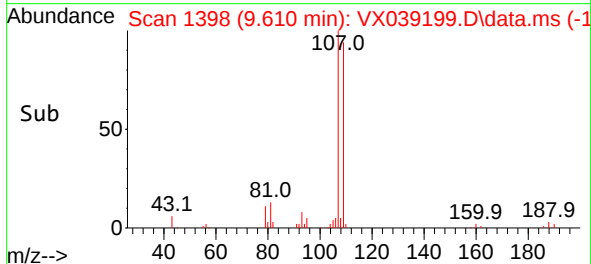
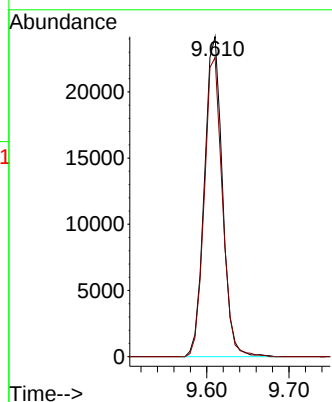
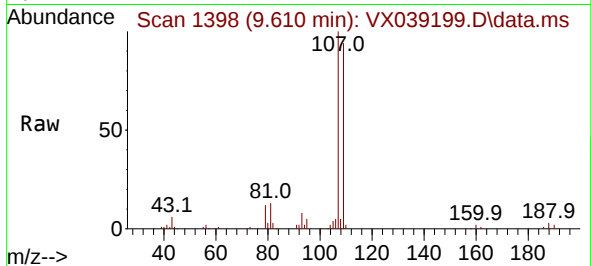
#61
1,2-Dibromoethane
Concen: 20.393 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion:107 Resp: 3668
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

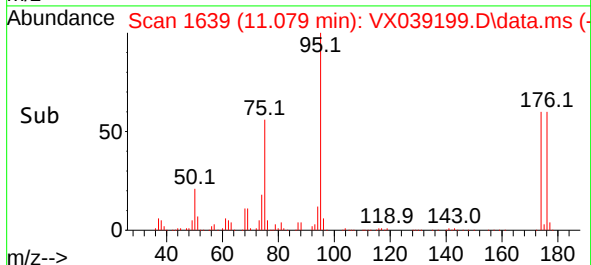
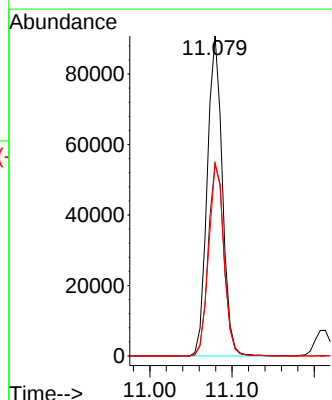
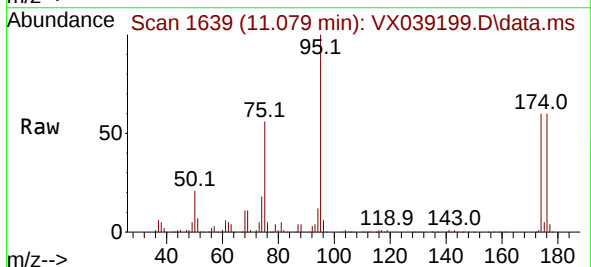
Manual Integrations
APPROVED

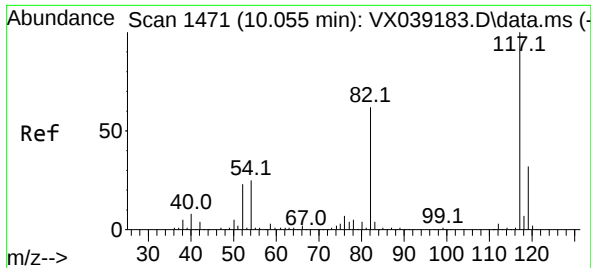
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#62
4-Bromofluorobenzene
Concen: 50.426 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

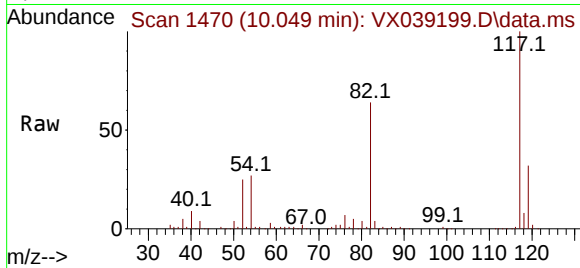
Tgt Ion: 95 Resp: 115730
Ion Ratio Lower Upper
95 100
174 61.9 0.0 135.6
176 60.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

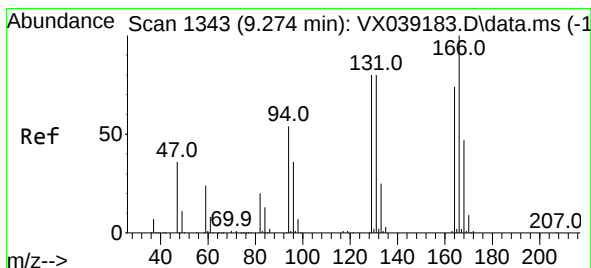
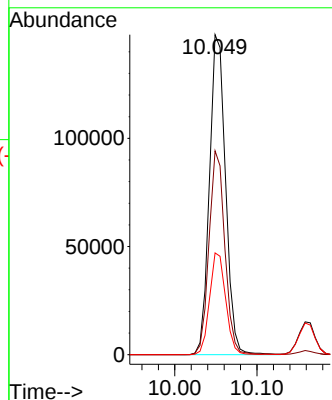
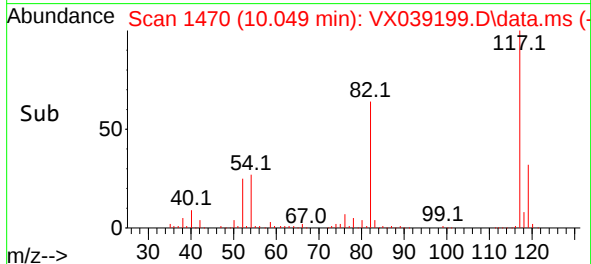
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01



Tgt Ion:117 Resp: 20144
Ion Ratio Lower Upper
117 100
82 63.7 46.2 69.4
119 31.8 25.5 38.3

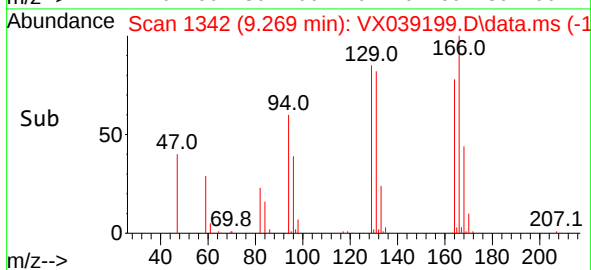
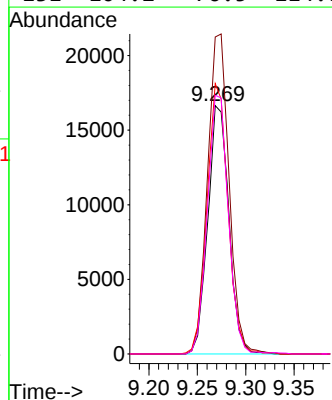
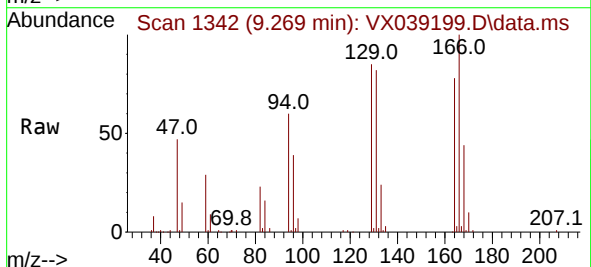
Manual Integrations
APPROVED

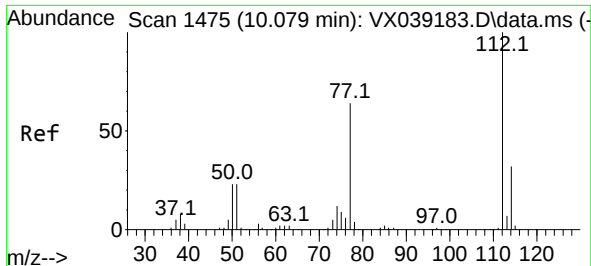
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#64
Tetrachloroethene
Concen: 19.196 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion:164 Resp: 25269
Ion Ratio Lower Upper
164 100
166 127.7 102.7 154.1
129 108.9 80.4 120.6
131 104.2 76.5 114.7





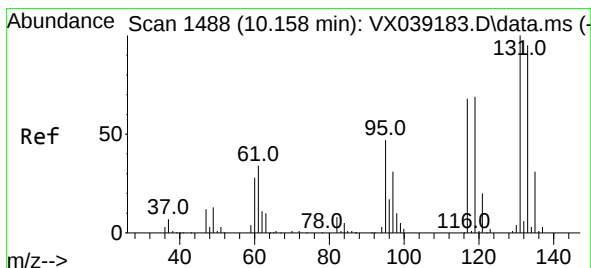
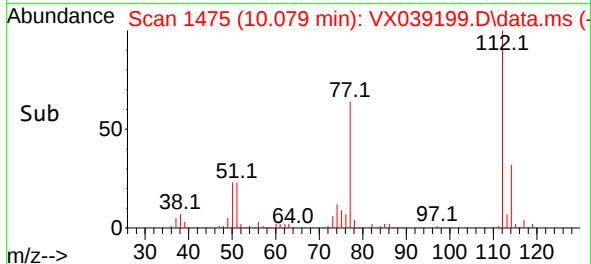
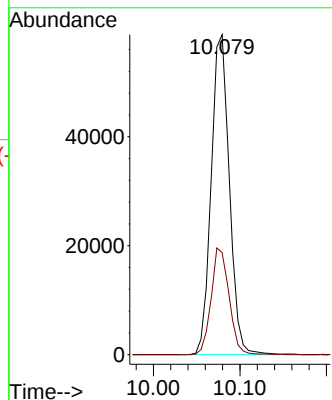
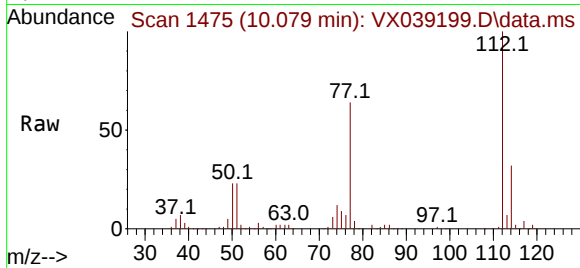
#65
Chlorobenzene
Concen: 19.458 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion:112 Resp: 85554
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

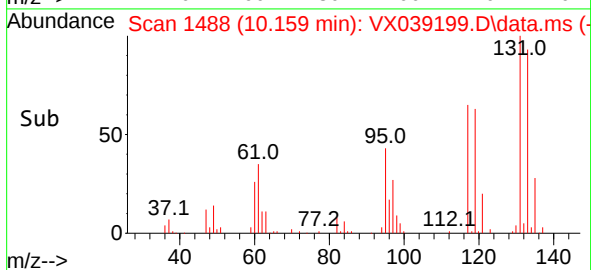
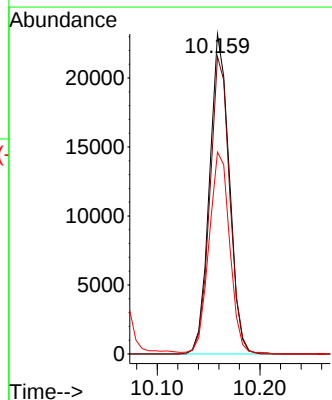
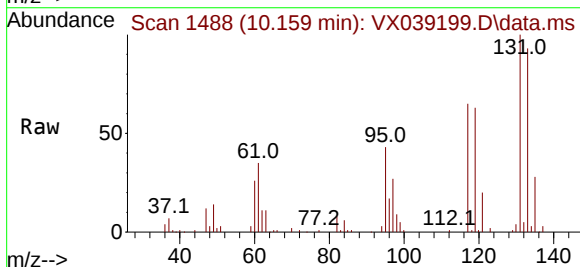
Manual Integrations
APPROVED

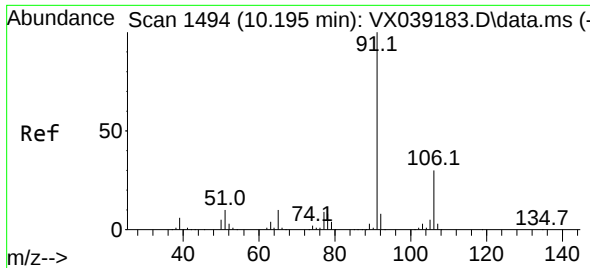
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.861 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

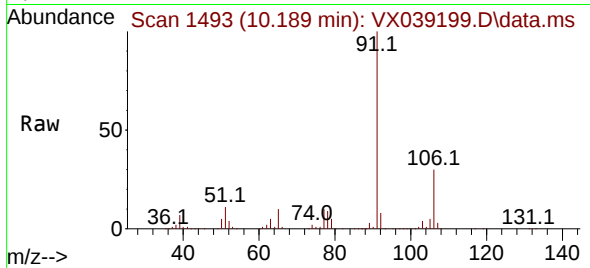
Tgt Ion:131 Resp: 30846
Ion Ratio Lower Upper
131 100
133 93.7 47.1 141.4
119 66.6 32.2 96.6





#67
Ethyl Benzene
Concen: 19.841 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

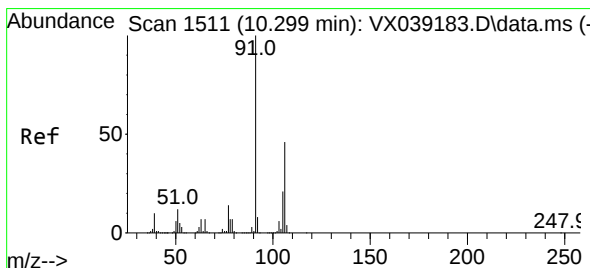
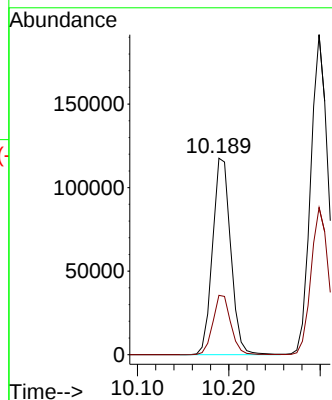
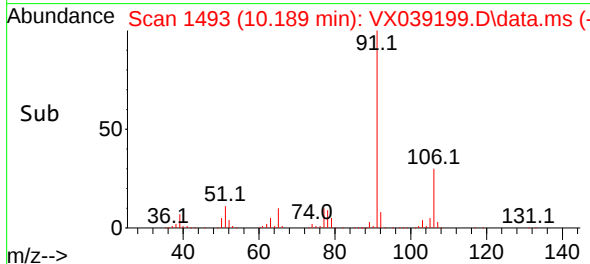
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01



Tgt Ion: 91 Resp: 162380
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

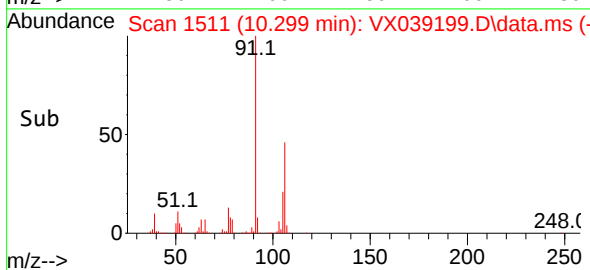
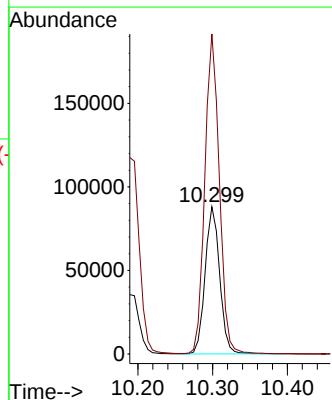
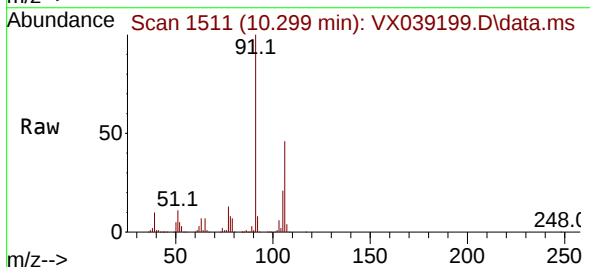
Manual Integrations
APPROVED

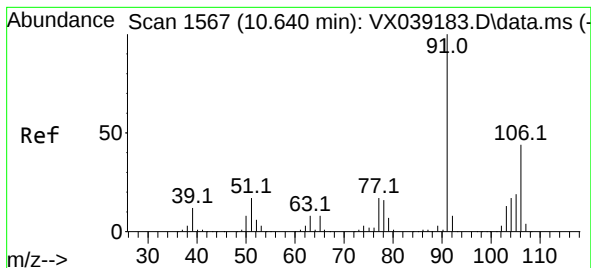
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#68
m/p-Xylenes
Concen: 40.476 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion:106 Resp: 118777
Ion Ratio Lower Upper
106 100
91 218.1 165.5 248.3





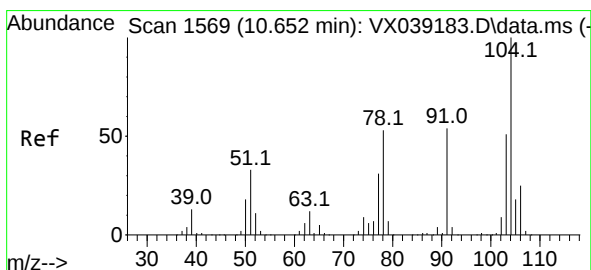
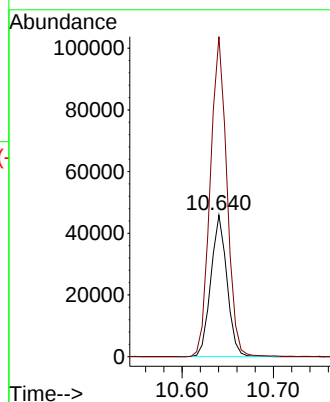
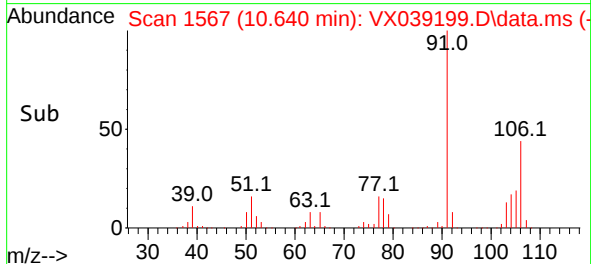
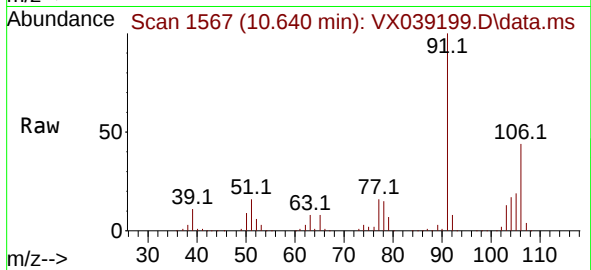
#69
o-Xylene
Concen: 19.769 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion:106 Resp: 56090
Ion Ratio Lower Upper
106 100
91 233.7 108.9 326.8

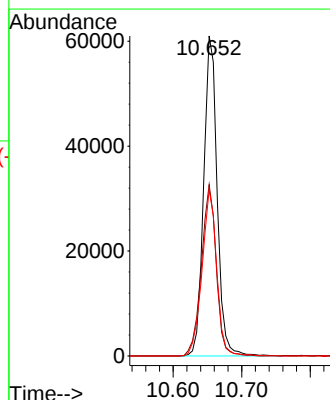
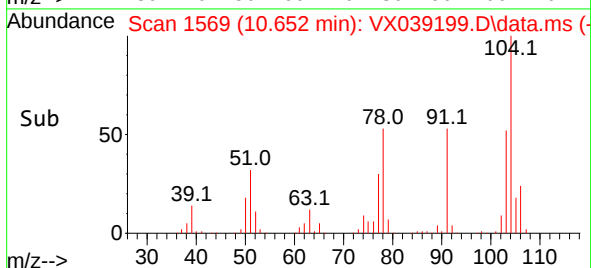
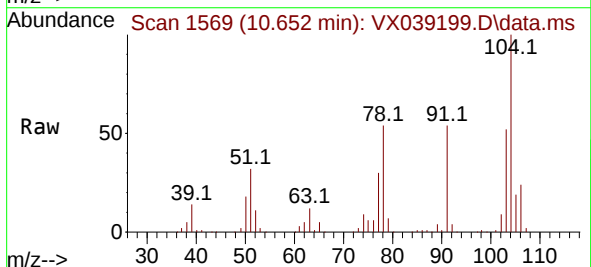
Manual Integrations
APPROVED

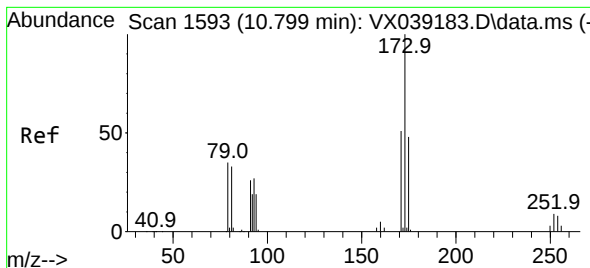
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#70
Styrene
Concen: 20.191 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion:104 Resp: 83752
Ion Ratio Lower Upper
104 100
78 58.5 43.6 65.4
103 56.5 43.6 65.4





#71

Bromoform

Concen: 19.761 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD01

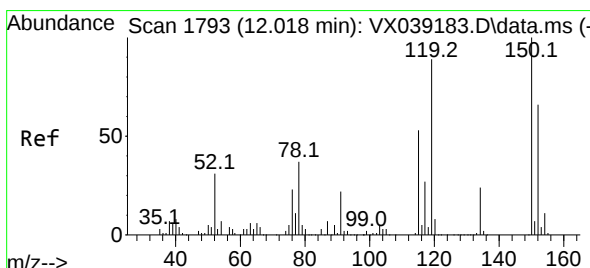
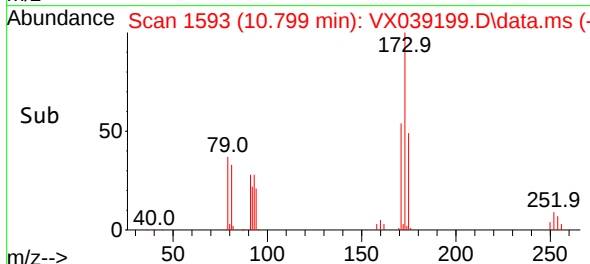
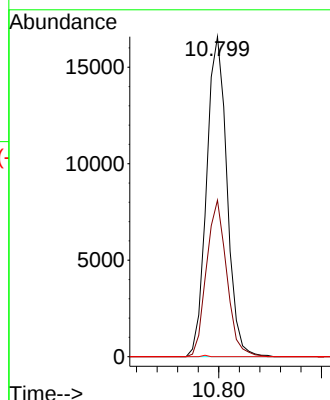
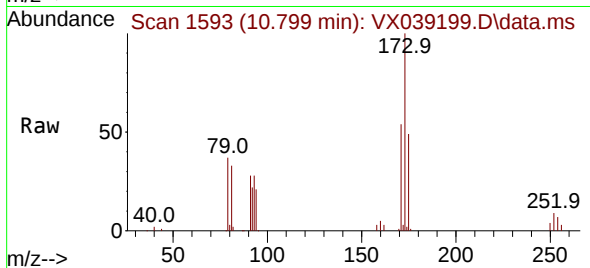
Tgt Ion:173	Resp:	2281
Ion Ratio	Lower	Upper
173	100	
175	48.7	24.1 72.4
254	0.1	0.0 0.0

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

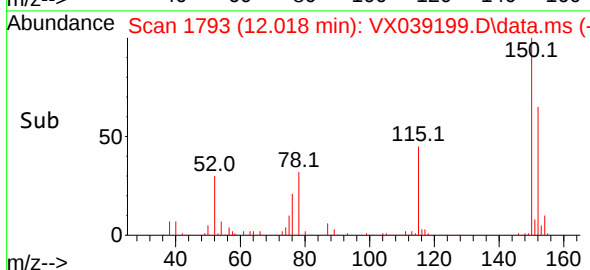
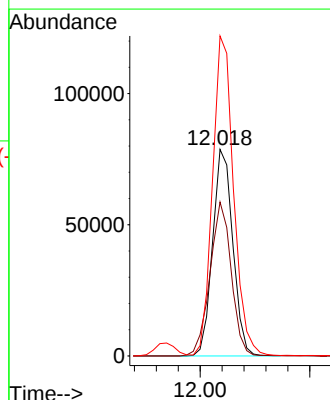
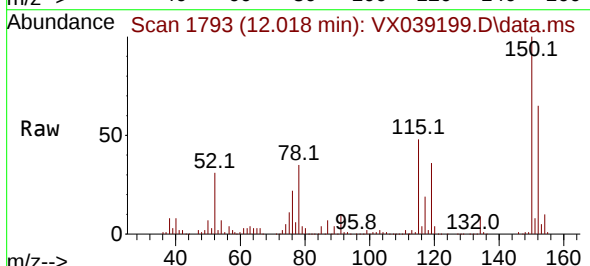
RT: 12.018 min Scan# 1793

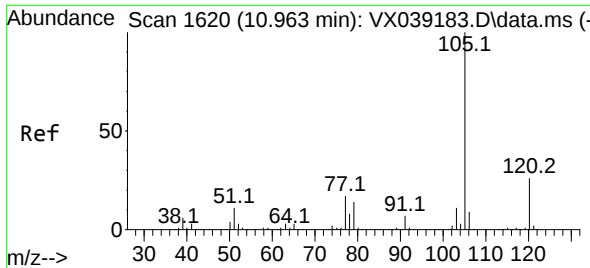
Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Tgt Ion:152	Resp:	100865
Ion Ratio	Lower	Upper
152	100	
115	78.3	43.3 129.9
150	161.4	0.0 345.0





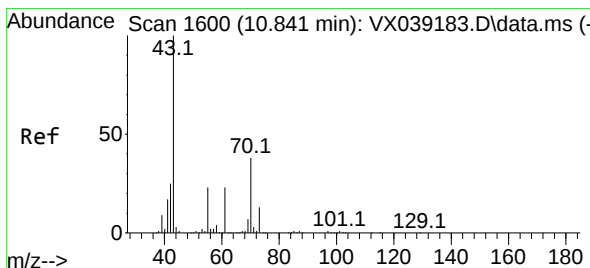
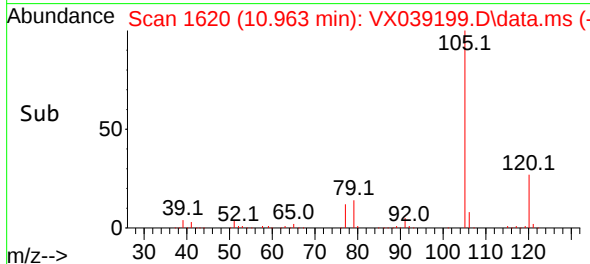
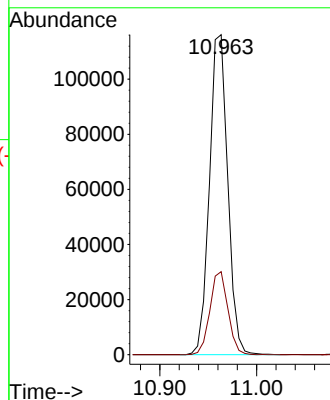
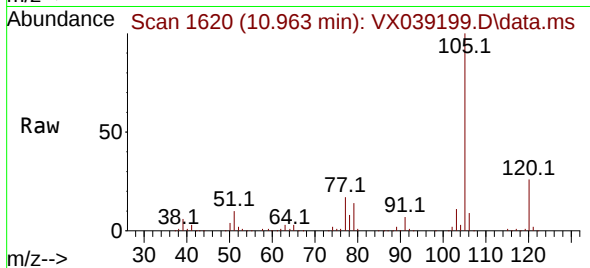
#73
Isopropylbenzene
Concen: 19.629 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion:105 Resp: 152750
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

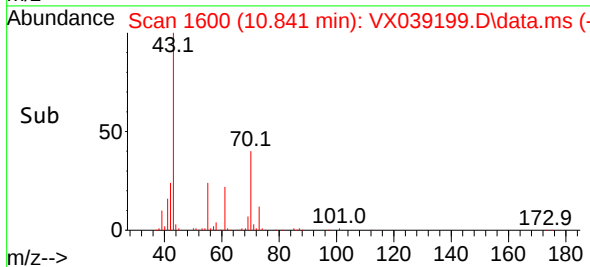
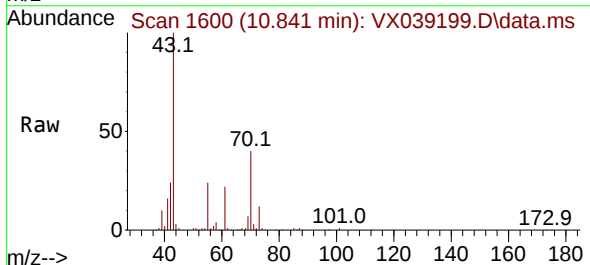
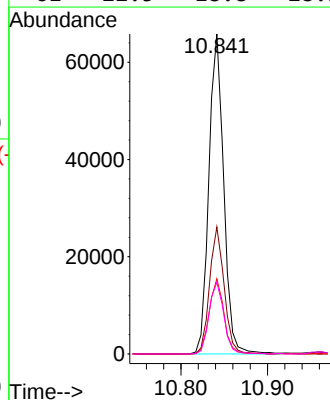
Manual Integrations
APPROVED

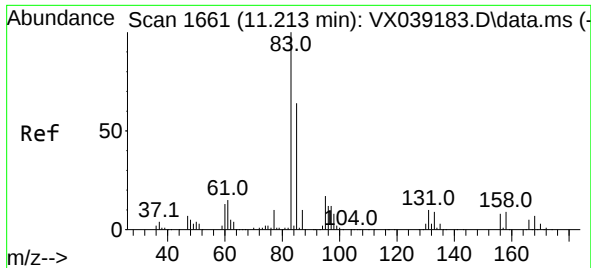
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#74
N-ethyl acetate
Concen: 19.866 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion: 43 Resp: 78220
Ion Ratio Lower Upper
43 100
70 39.1 32.9 49.3
55 23.5 19.3 28.9
61 22.5 18.8 28.2





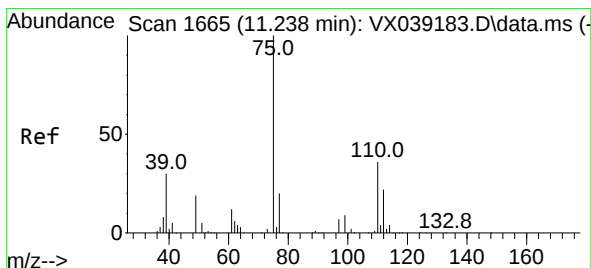
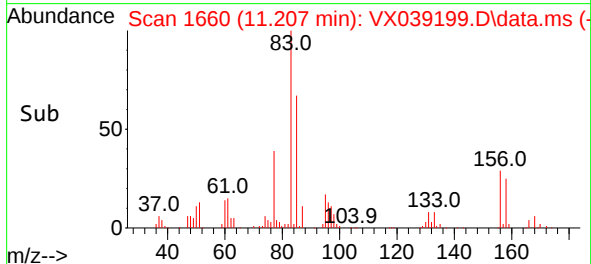
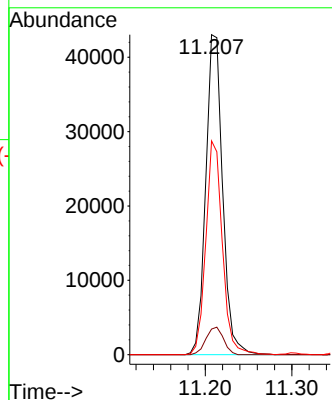
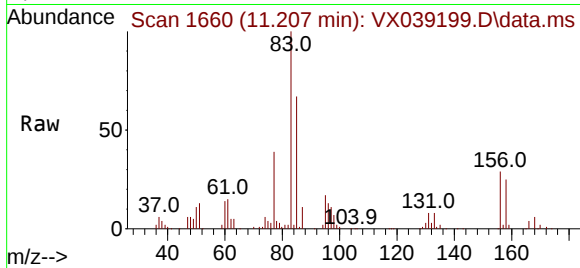
#75
1,1,2,2-Tetrachloroethane
Concen: 20.131 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion: 83 Resp: 58279
Ion Ratio Lower Upper
83 100
131 8.9 5.3 15.8
85 65.5 32.0 96.2

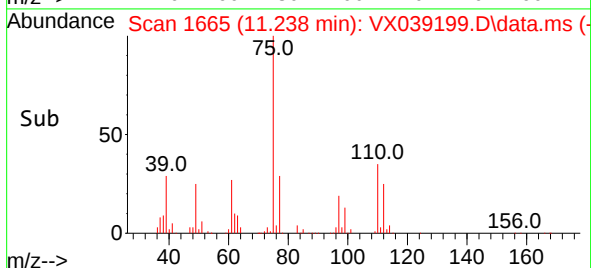
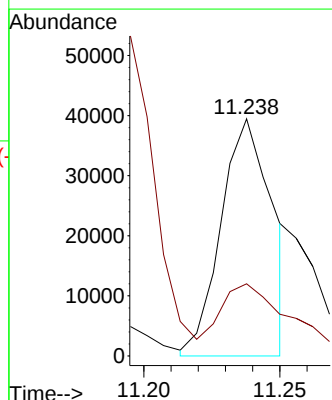
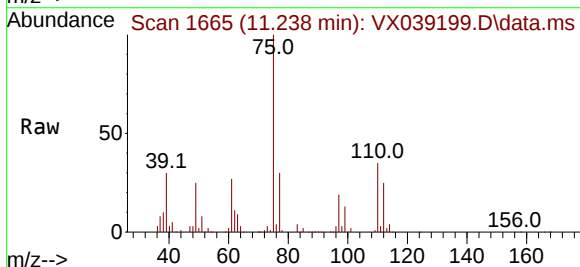
Manual Integrations
APPROVED

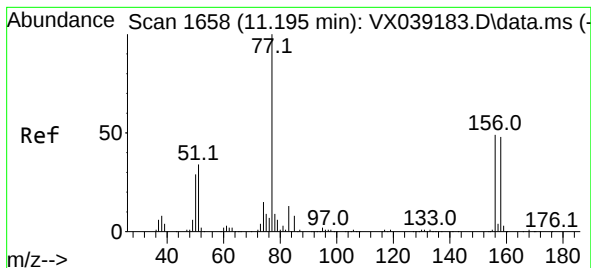
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#76
1,2,3-Trichloropropane
Concen: 19.762 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion: 75 Resp: 51569
Ion Ratio Lower Upper
75 100
77 41.9 19.1 57.5





#77

Bromobenzene

Concen: 19.771 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD01

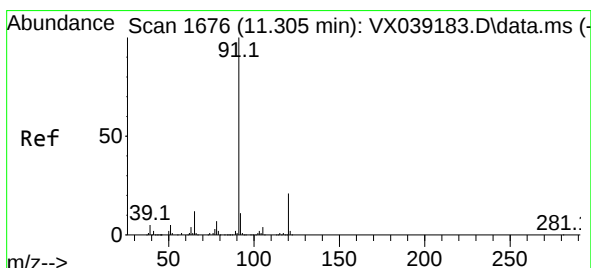
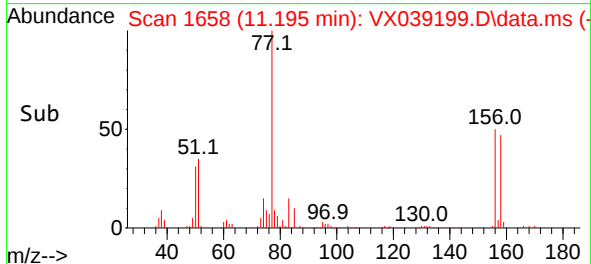
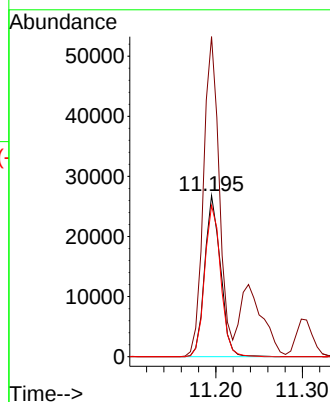
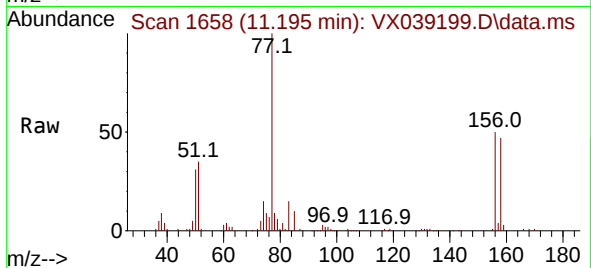
Tgt Ion:	156	Resp:	34024
Ion Ratio	Lower	Upper	
156	100		
77	198.2	88.4	265.3
158	95.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#78

n-propylbenzene

Concen: 19.724 ug/l

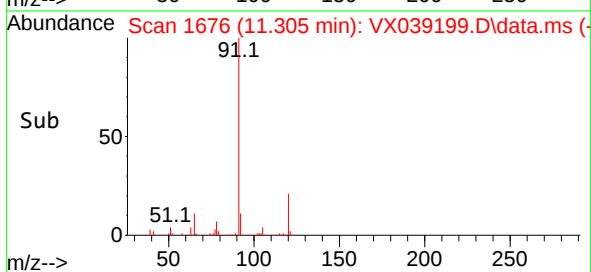
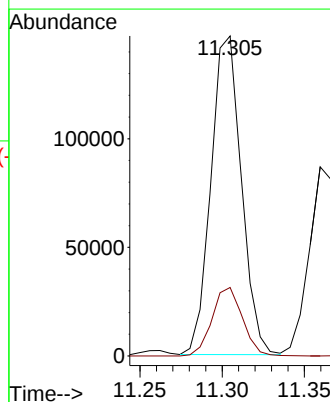
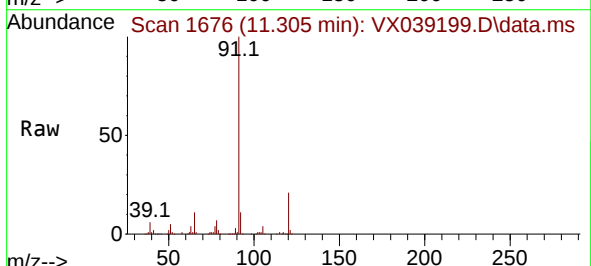
RT: 11.305 min Scan# 1676

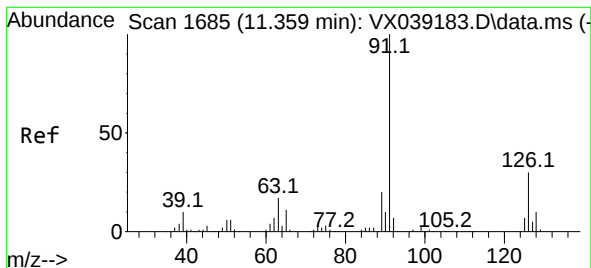
Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Tgt Ion:	91	Resp:	189116
Ion Ratio	Lower	Upper	
91	100		
120	21.5	11.5	34.4





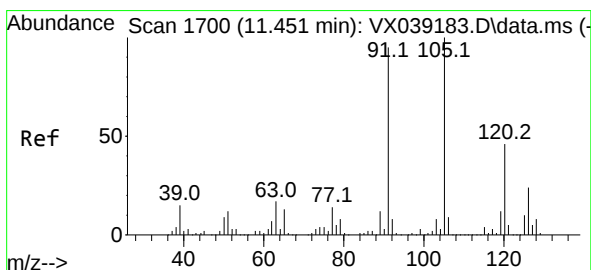
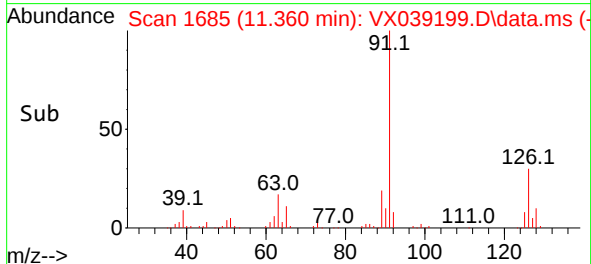
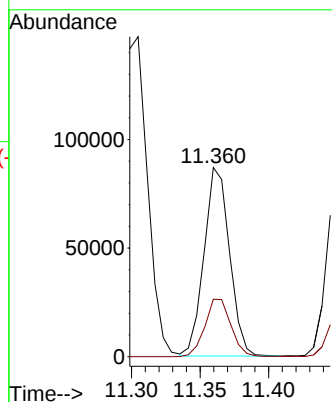
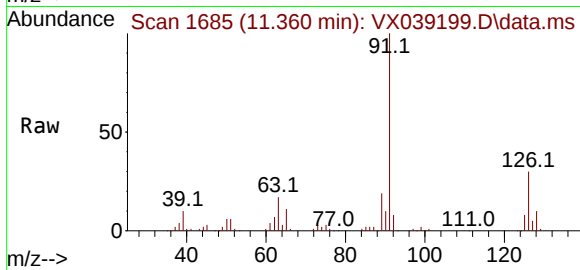
#79
2-Chlorotoluene
Concen: 19.378 ug/l
RT: 11.360 min Scan# 112390
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion: 91 Resp: 112390
Ion Ratio Lower Upper
91 100
126 31.3 16.3 48.8

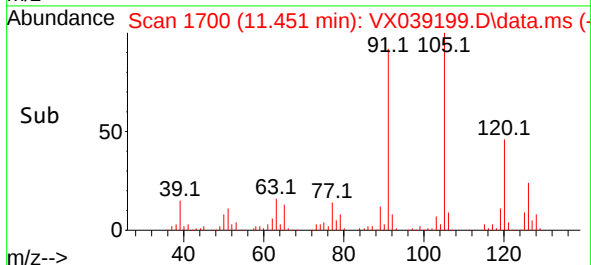
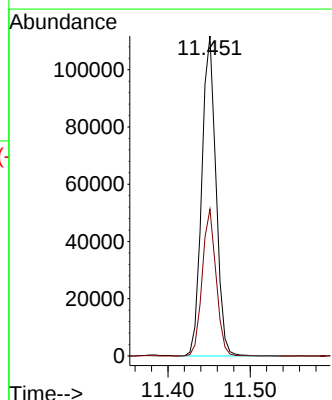
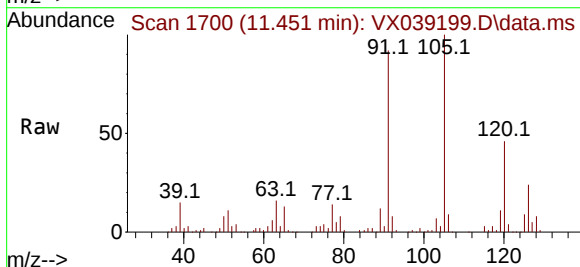
Manual Integrations
APPROVED

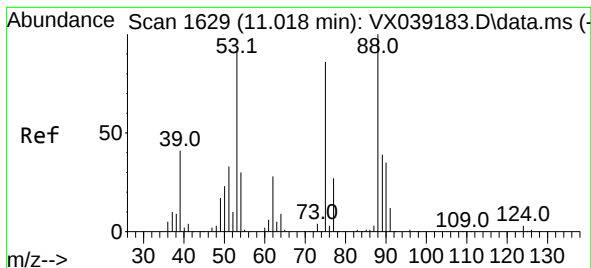
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.292 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Tgt Ion:105 Resp: 134525
Ion Ratio Lower Upper
105 100
120 44.8 24.1 72.3





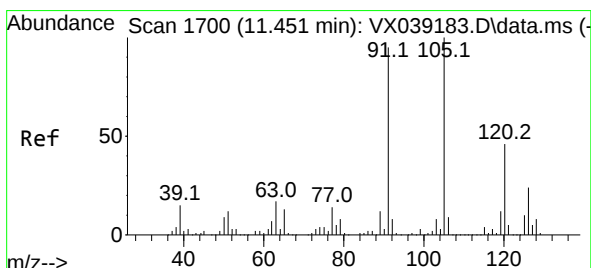
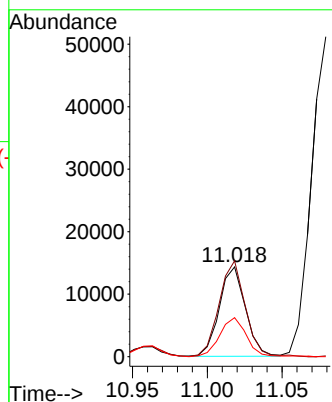
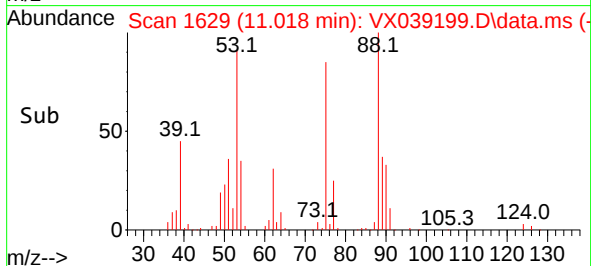
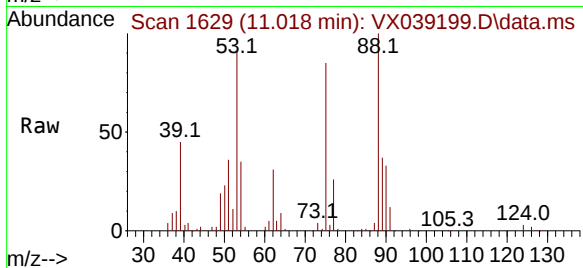
#81
trans-1,4-Dichloro-2-butene
Concen: 18.784 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01

Tgt Ion: 75 Resp: 17370
Ion Ratio Lower Upper
75 100
53 107.4 90.5 135.7
89 44.9 36.9 55.3

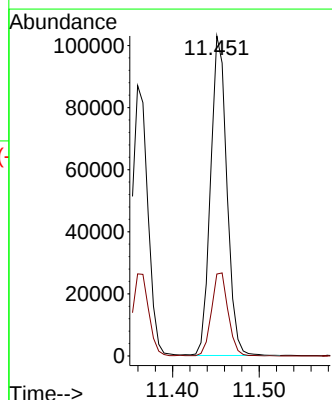
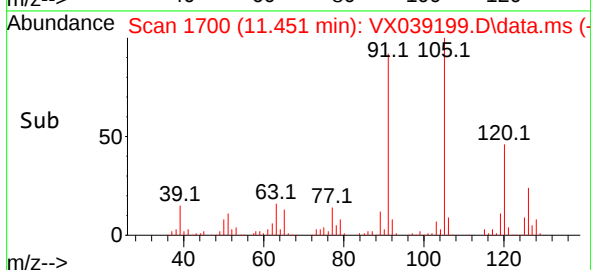
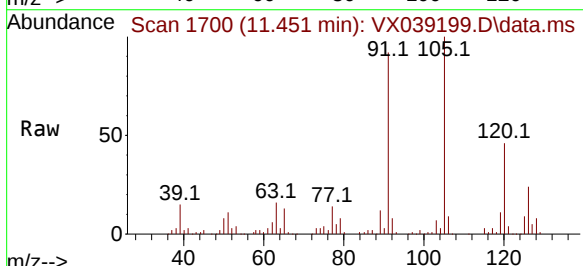
Manual Integrations
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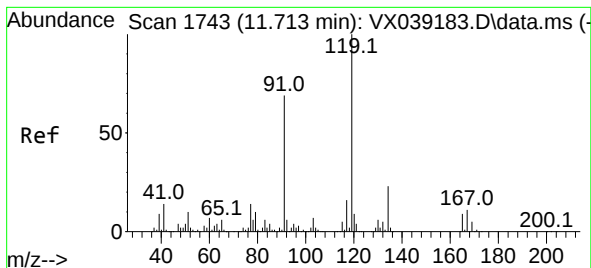
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023



#82
4-Chlorotoluene
Concen: 19.767 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

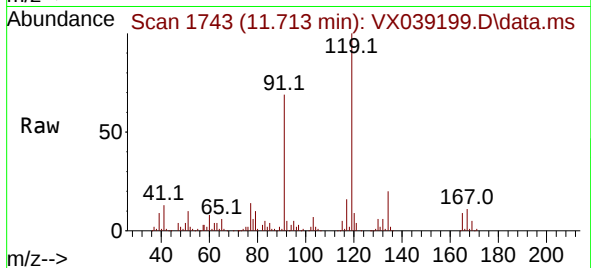
Tgt Ion: 91 Resp: 134654
Ion Ratio Lower Upper
91 100
126 26.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 19.549 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

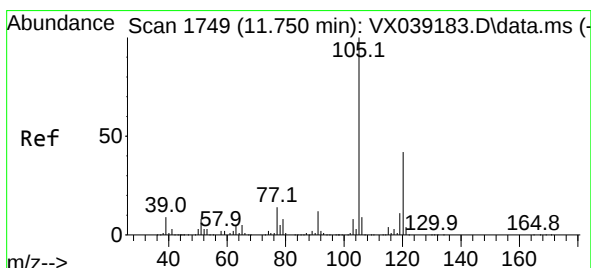
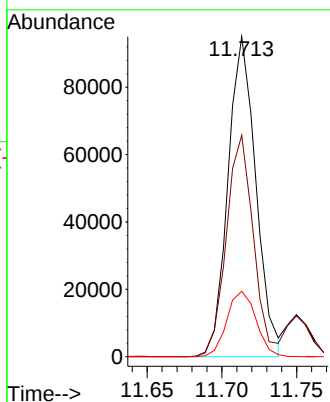
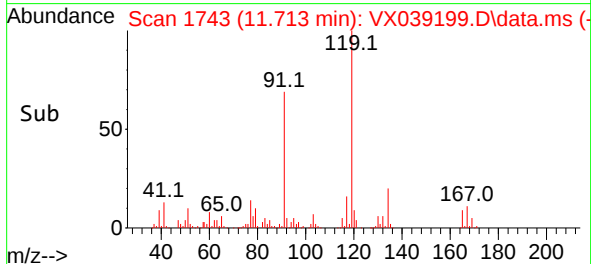
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01



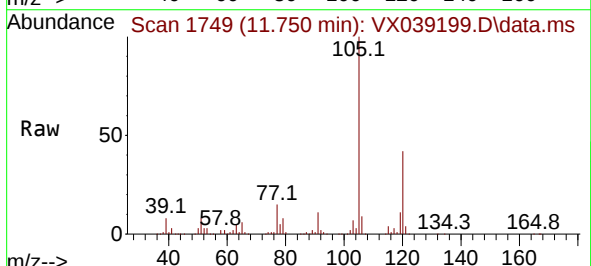
Tgt Ion:119 Resp: 12334
Ion Ratio Lower Upper
119 100
91 67.3 31.2 93.6
134 21.3 11.7 35.0

Manual Integrations
APPROVED

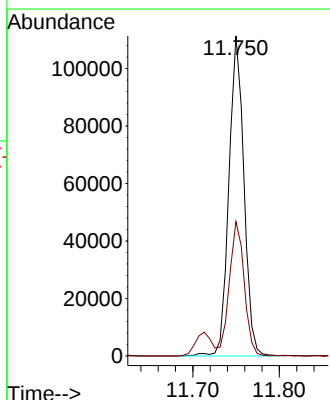
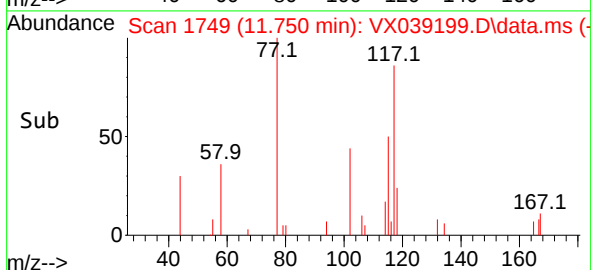
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

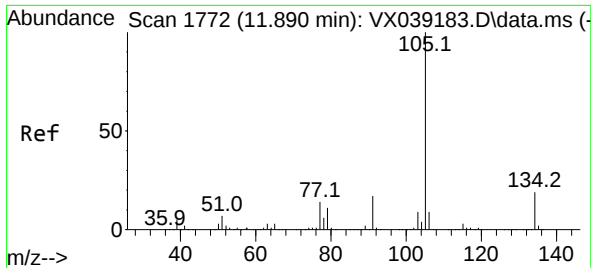


#84
1,2,4-Trimethylbenzene
Concen: 19.749 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21



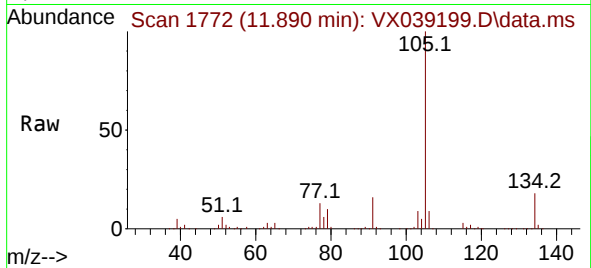
Tgt Ion:105 Resp: 134266
Ion Ratio Lower Upper
105 100
120 41.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 19.892 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039199.D
 Acq: 14 Dec 2023 11:21

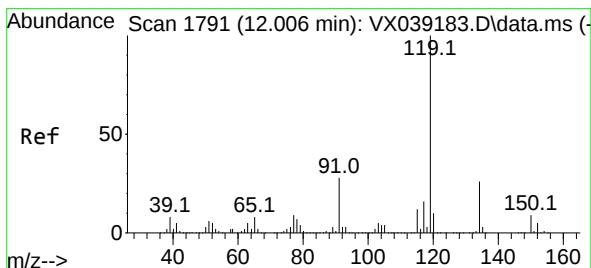
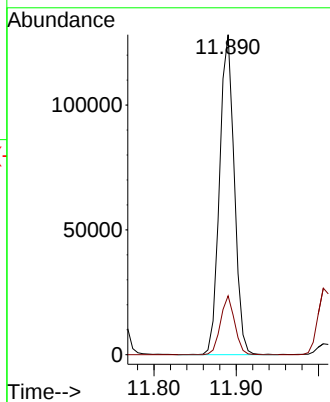
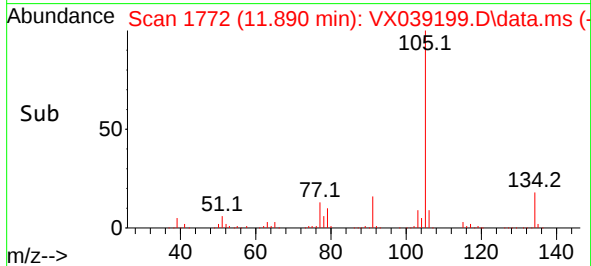
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1214WBSD01



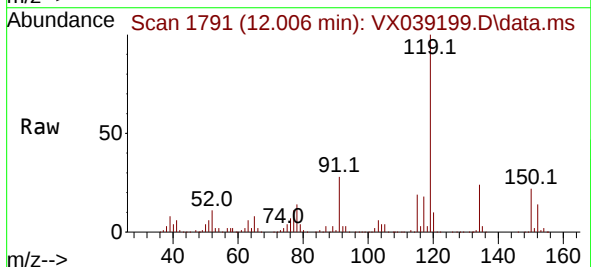
Tgt Ion:105 Resp: 159708
 Ion Ratio Lower Upper
 105 100
 134 17.6 9.8 29.4

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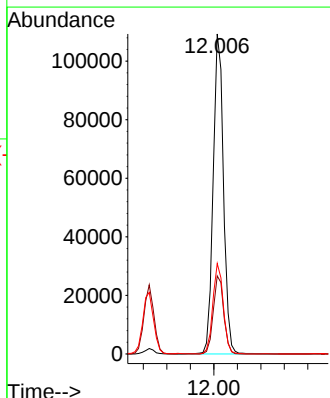
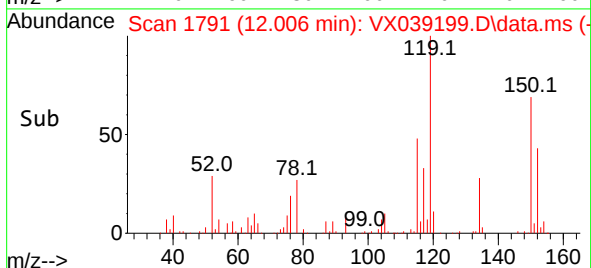
Reviewed By :John Carlone 12/15/2023
 Supervised By :Mahesh Dadoda 12/15/2023

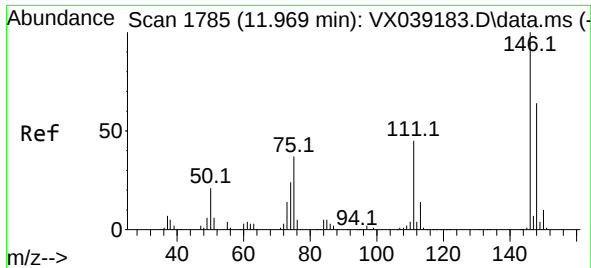


#86
 p-Isopropyltoluene
 Concen: 19.741 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039199.D
 Acq: 14 Dec 2023 11:21



Tgt Ion:119 Resp: 133009
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.8 38.3
 91 28.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.077 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD01

Tgt Ion:146 Resp: 6449

Ion Ratio Lower Upper

146 100

111 46.7 22.1 66.1

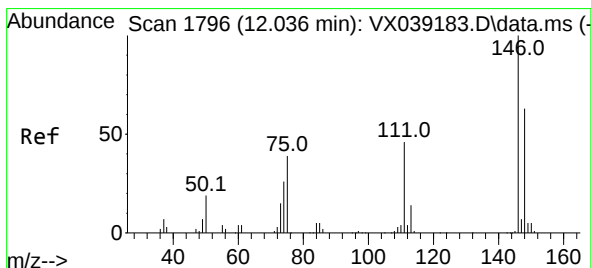
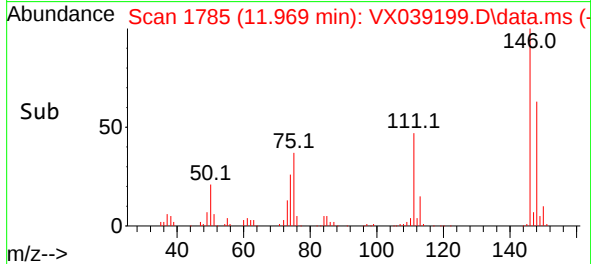
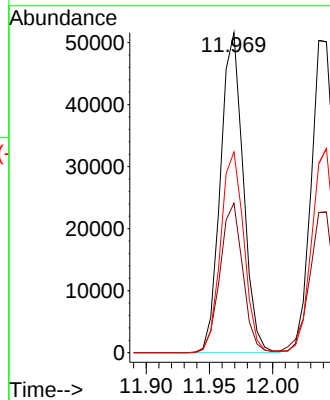
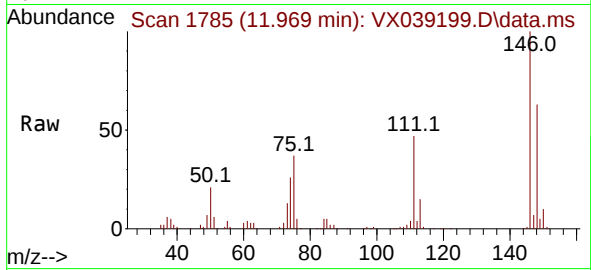
148 64.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#88

1,4-Dichlorobenzene

Concen: 18.844 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

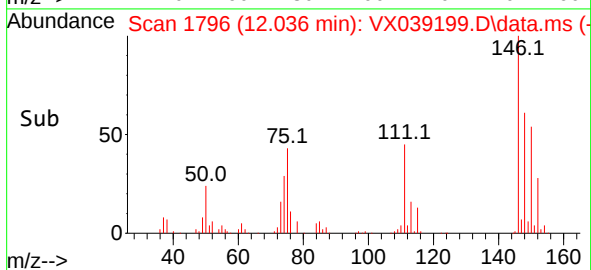
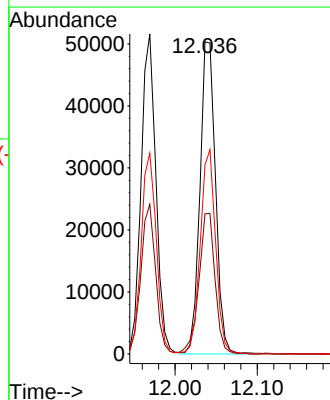
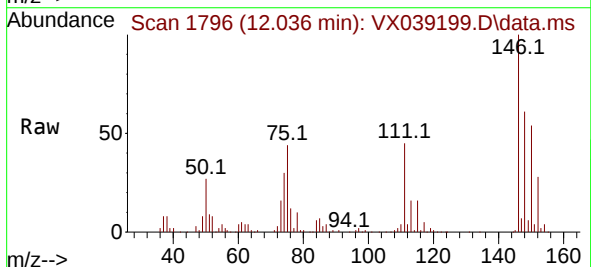
Tgt Ion:146 Resp: 66333

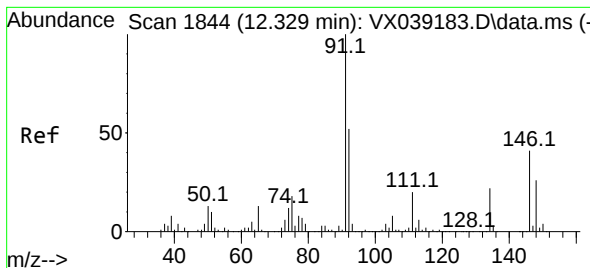
Ion Ratio Lower Upper

146 100

111 47.0 21.3 63.7

148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 19.920 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD01

Tgt Ion: 91 Resp: 131939

Ion Ratio Lower Upper

91 100

92 51.6 27.4 82.0

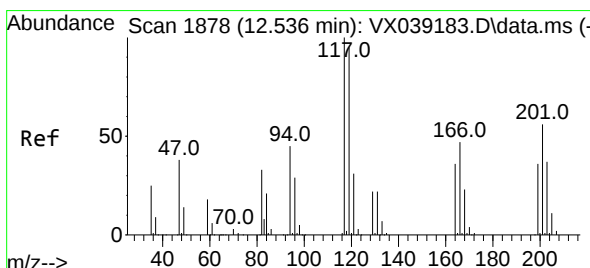
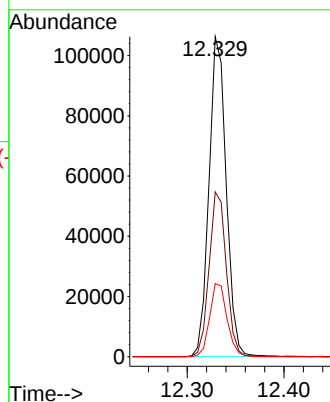
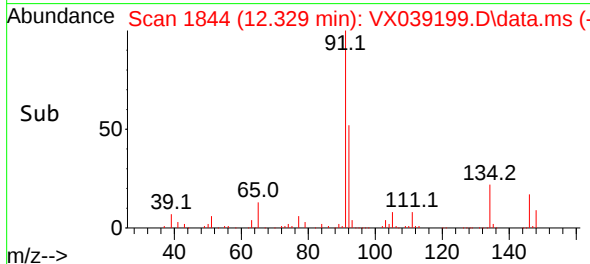
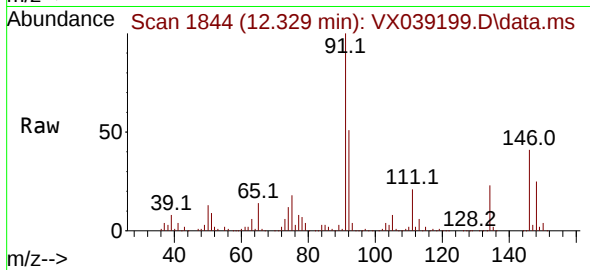
134 23.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#90

Hexachloroethane

Concen: 18.955 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039199.D

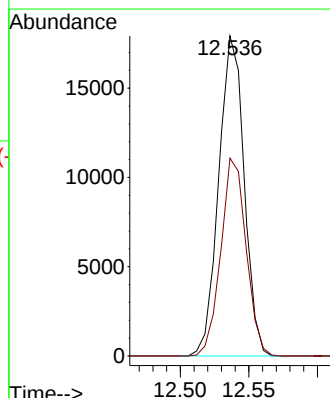
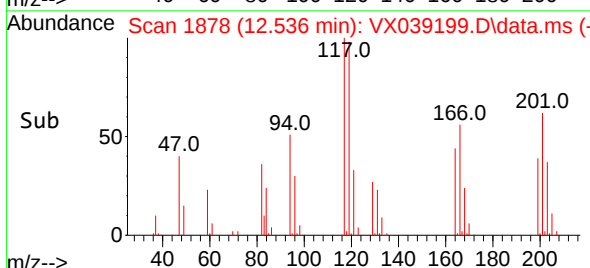
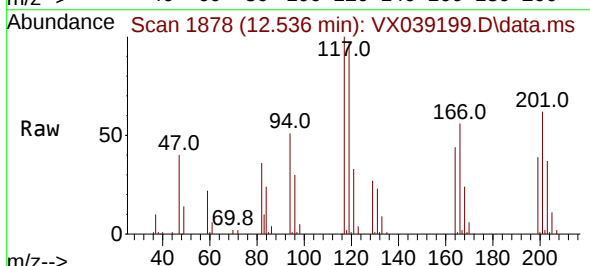
Acq: 14 Dec 2023 11:21

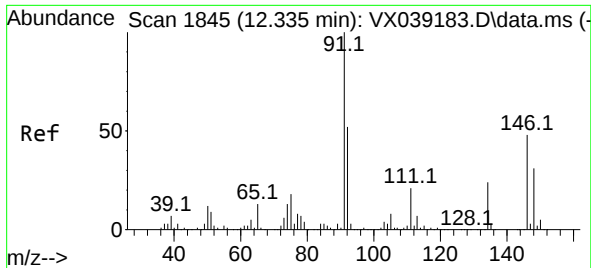
Tgt Ion:117 Resp: 23071

Ion Ratio Lower Upper

117 100

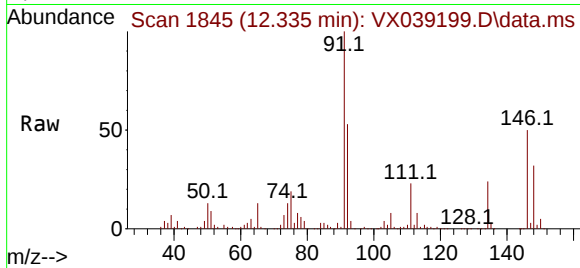
201 61.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.507 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21

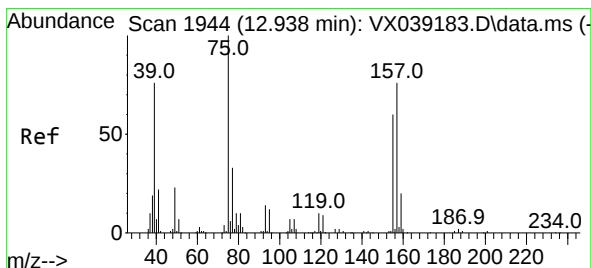
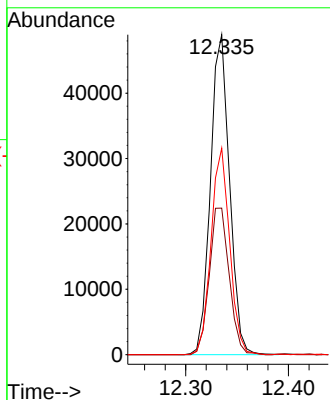
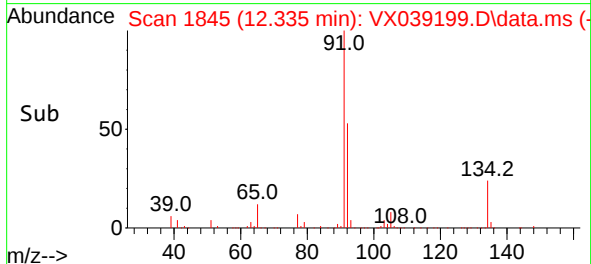
Instrument :
MSVOA_X
ClientSampleId :
VX1214WBSD01



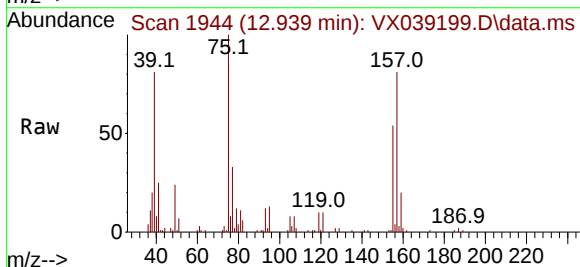
Tgt Ion:146 Resp: 6310
Ion Ratio Lower Upper
146 100
111 47.9 22.4 67.0
148 63.1 31.6 95.0

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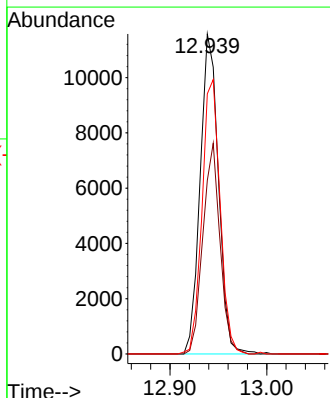
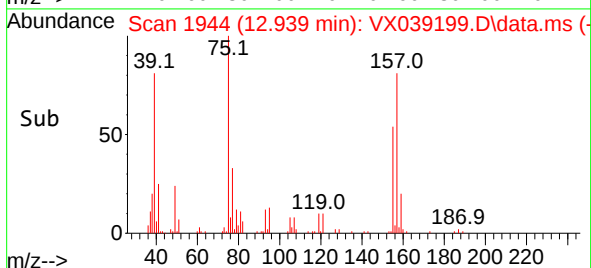
Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

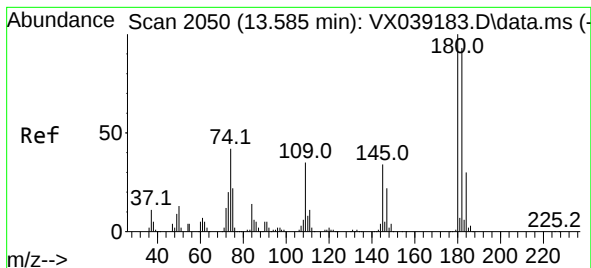


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.003 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039199.D
Acq: 14 Dec 2023 11:21



Tgt Ion: 75 Resp: 15253
Ion Ratio Lower Upper
75 100
155 61.6 36.1 108.5
157 84.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 19.490 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD01

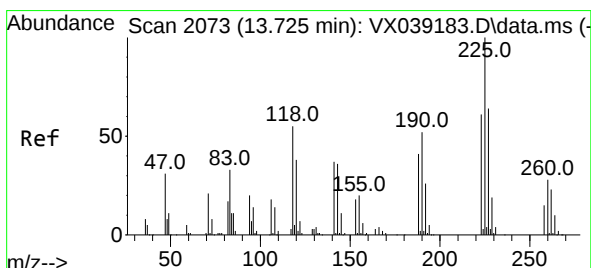
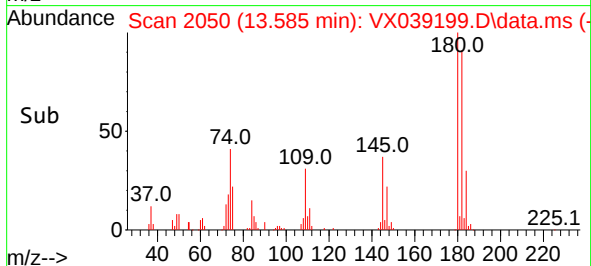
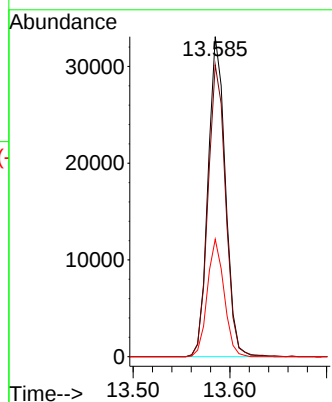
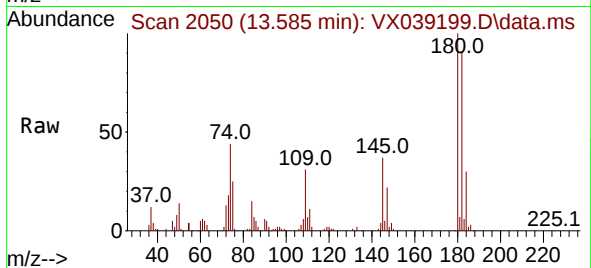
Tgt Ion:180	Resp:	41284
Ion Ratio	Lower	Upper
180	100	
182	92.5	48.3 144.8
145	35.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#94

Hexachlorobutadiene

Concen: 18.800 ug/l

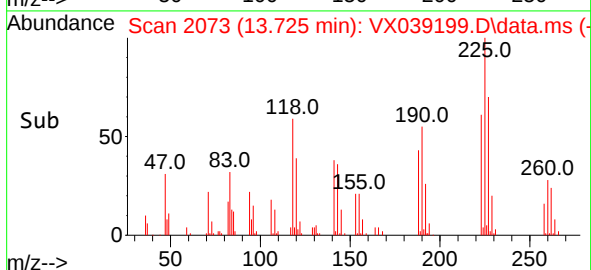
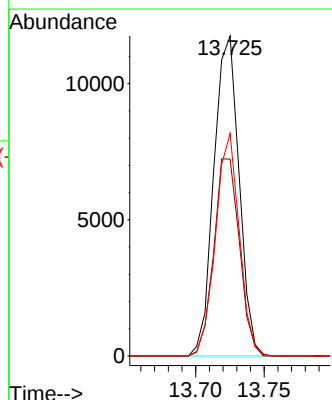
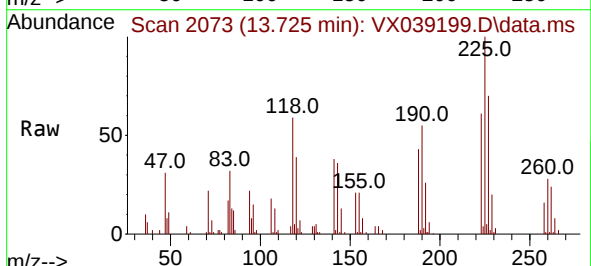
RT: 13.725 min Scan# 2073

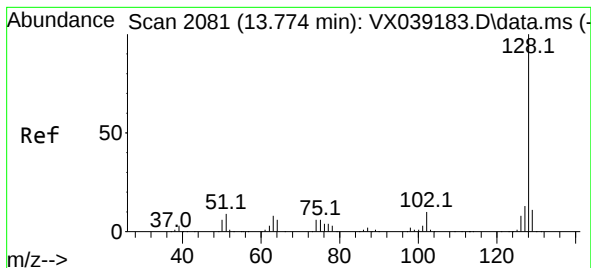
Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Tgt Ion:225	Resp:	15007
Ion Ratio	Lower	Upper
225	100	
223	62.8	31.1 93.2
227	65.5	32.5 97.5





#95

Naphthalene

Concen: 20.079 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX1214WBSD01

Tgt Ion:128 Resp: 148110

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

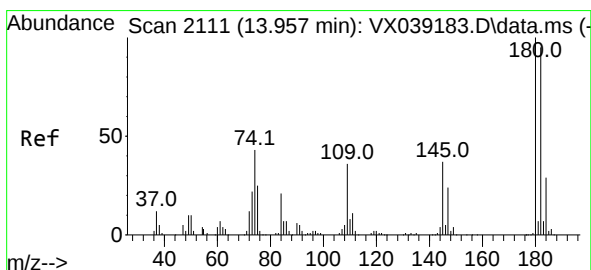
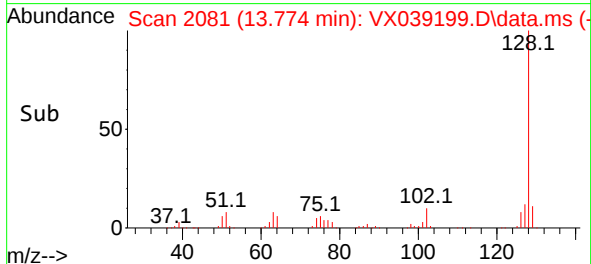
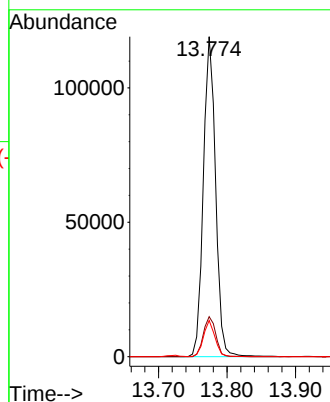
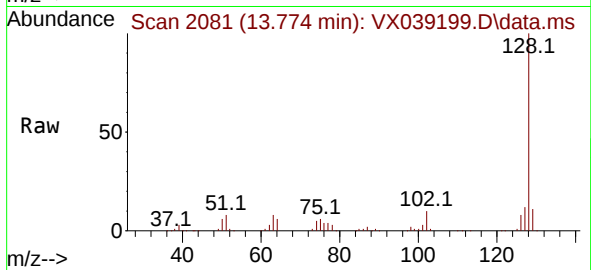
129 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2023

Supervised By :Mahesh Dadoda 12/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.202 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039199.D

Acq: 14 Dec 2023 11:21

Tgt Ion:180 Resp: 39266

Ion Ratio Lower Upper

180 100

182 96.7 46.9 140.6

145 38.1 17.8 53.5

