

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113023\
 Data File : VX039070.D
 Acq On : 30 Nov 2023 15:59
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Dec 01 01:59:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	126423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234410	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103220	50.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.340%			
35) Dibromofluoromethane	5.385	113	83914	49.566	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.140%			
50) Toluene-d8	8.647	98	314457	48.547	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.100%			
62) 4-Bromofluorobenzene	11.079	95	125130	48.258	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	80287	54.427	ug/l	97
3) Chloromethane	1.294	50	94419	49.040	ug/l	99
4) Vinyl Chloride	1.374	62	93576	50.455	ug/l	99
5) Bromomethane	1.599	94	57972	75.602	ug/l	100
6) Chloroethane	1.684	64	55655	52.584	ug/l	99
7) Trichlorofluoromethane	1.886	101	127551	54.198	ug/l	96
8) Diethyl Ether	2.130	74	49874	48.656	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	77705	49.787	ug/l	98
10) Methyl Iodide	2.453	142	87029	45.814	ug/l	93
11) Tert butyl alcohol	2.959	59	132085	233.125	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	79761	50.619	ug/l	90
13) Acrolein	2.233	56	60899	203.160	ug/l	100
14) Allyl chloride	2.666	41	156975	49.758	ug/l	93
15) Acrylonitrile	3.062	53	299695	250.332	ug/l	99
16) Acetone	2.373	43	289231	266.711	ug/l	91
17) Carbon Disulfide	2.514	76	229149	46.948	ug/l	98
18) Methyl Acetate	2.703	43	255503	49.603	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	286016	51.608	ug/l	97
20) Methylene Chloride	2.788	84	93784	47.975	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	88161	50.707	ug/l	95
22) Diisopropyl ether	3.757	45	305866	52.849	ug/l	95
23) Vinyl Acetate	3.721	43	1130977	271.335	ug/l	99
24) 1,1-Dichloroethane	3.611	63	164880	50.945	ug/l	99
25) 2-Butanone	4.550	43	444281	252.639	ug/l	97
26) 2,2-Dichloropropane	4.477	77	140332	49.987	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	101899	50.281	ug/l	98
28) Bromochloromethane	4.897	49	79118	50.916	ug/l	96
29) Tetrahydrofuran	5.001	42	288197	258.106	ug/l	99
30) Chloroform	5.092	83	163833	51.841	ug/l	97
31) Cyclohexane	5.470	56	152886	52.566	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	141248	51.601	ug/l	99
36) 1,1-Dichloropropene	5.696	75	126713	52.222	ug/l	99
37) Ethyl Acetate	4.708	43	158784	50.228	ug/l	99
38) Carbon Tetrachloride	5.678	117	119146	53.130	ug/l	97
39) Methylcyclohexane	7.379	83	159614	50.431	ug/l	98
40) Benzene	6.037	78	375308	52.296	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	87317	53.256	ug/l	96
42) 1,2-Dichloroethane	6.086	62	129749	54.569	ug/l	97
43) Isopropyl Acetate	6.336	43	256965	50.863	ug/l	99
44) Trichloroethene	7.123	130	93633	53.601	ug/l	100
45) 1,2-Dichloropropane	7.427	63	99970	51.764	ug/l	96
46) Dibromomethane	7.580	93	67543	52.443	ug/l	98
47) Bromodichloromethane	7.818	83	130631	51.103	ug/l	98
48) Methyl methacrylate	7.689	41	148688	60.658	ug/l	93
49) 1,4-Dioxane	7.659	88	45662	962.878	ug/l #	95
51) 4-Methyl-2-Pentanone	8.573	43	845135	261.766	ug/l	99
52) Toluene	8.720	92	234791	52.721	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	151363	49.827	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	159111	50.708	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	96232	51.787	ug/l	95
56) Ethyl methacrylate	9.116	69	121217	38.554	ug/l	97
57) 1,3-Dichloropropane	9.305	76	163039	53.052	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	342399	233.778	ug/l	95
59) 2-Hexanone	9.427	43	682838	263.868	ug/l	98
60) Dibromochloromethane	9.518	129	97119	51.401	ug/l	100
61) 1,2-Dibromoethane	9.610	107	103207	52.929	ug/l	100
64) Tetrachloroethene	9.275	164	71987	52.700	ug/l	98
65) Chlorobenzene	10.079	112	243607	51.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	87448	51.355	ug/l	99
67) Ethyl Benzene	10.195	91	457860	52.644	ug/l	100
68) m/p-Xylenes	10.299	106	337517	102.591	ug/l	99
69) o-Xylene	10.640	106	163730	50.295	ug/l	99
70) Styrene	10.652	104	246832	44.896	ug/l	99
71) Bromoform	10.799	173	68455	48.223	ug/l #	99
73) Isopropylbenzene	10.963	105	438133	49.406	ug/l	99
74) N-amyl acetate	10.841	43	225005	47.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	166379	48.062	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	192063	67.634	ug/l	90
77) Bromobenzene	11.195	156	97008	48.683	ug/l	95
78) n-propylbenzene	11.305	91	534488	48.965	ug/l	98
79) 2-Chlorotoluene	11.366	91	309093	47.714	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	375617	50.375	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	54854	42.846	ug/l	85
82) 4-Chlorotoluene	11.451	91	366698	49.093	ug/l	100
83) tert-Butylbenzene	11.713	119	355988	48.476	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	380356	50.398	ug/l	99
85) sec-Butylbenzene	11.890	105	455350	47.404	ug/l	99
86) p-Isopropyltoluene	12.006	119	385398	49.981	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	189535	48.574	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	189953	47.563	ug/l	99
89) n-Butylbenzene	12.329	91	380263	48.878	ug/l	97
90) Hexachloroethane	12.536	117	72379	47.004	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	181123	48.940	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39864	47.002	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	120495	48.585	ug/l	99
94) Hexachlorobutadiene	13.725	225	43291	49.292	ug/l	99
95) Naphthalene	13.774	128	435889	47.191	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	117264	49.879	ug/l	100

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 01 01:59:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
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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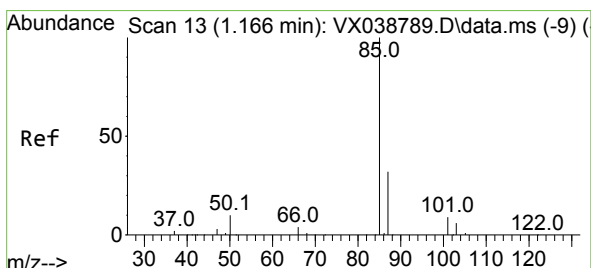
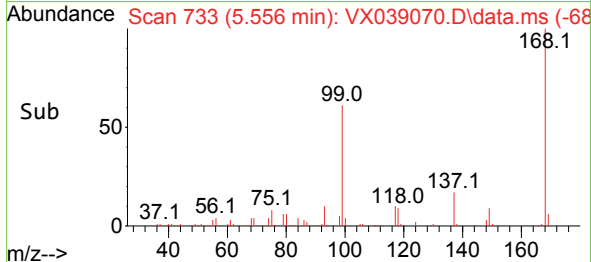
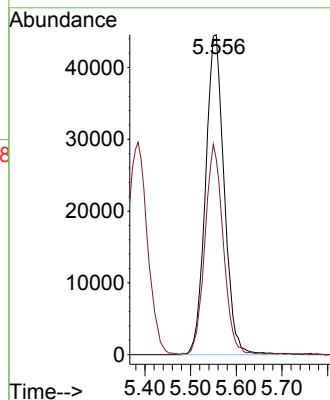
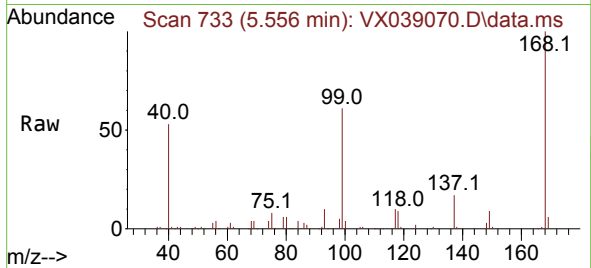
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

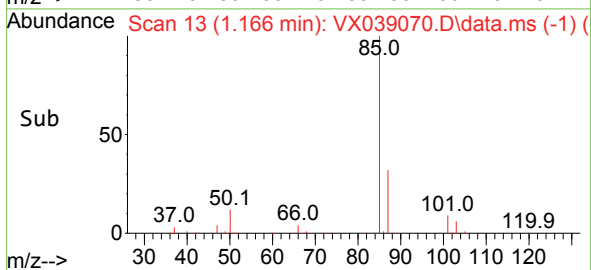
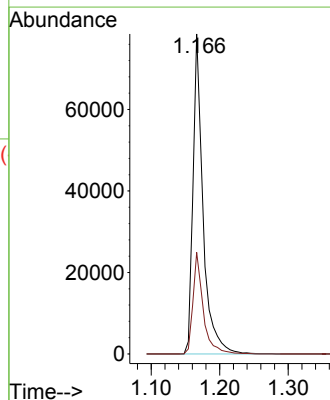
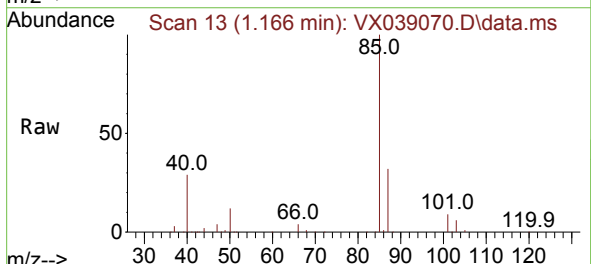
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ClientSampleId :
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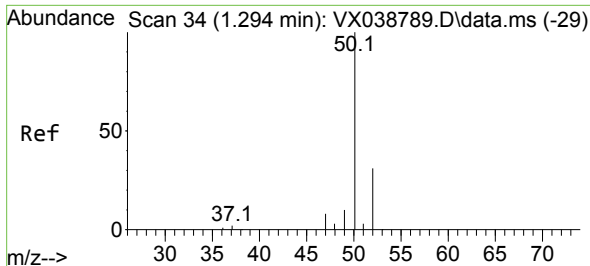
Tgt Ion:168 Resp: 126423
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 54.427 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 85 Resp: 80287
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1

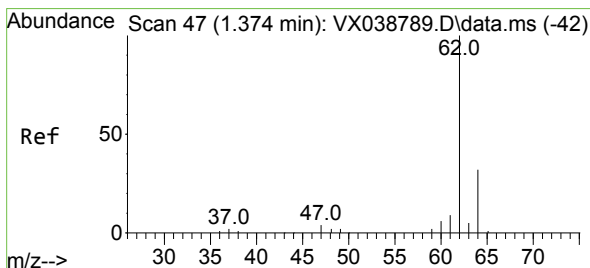
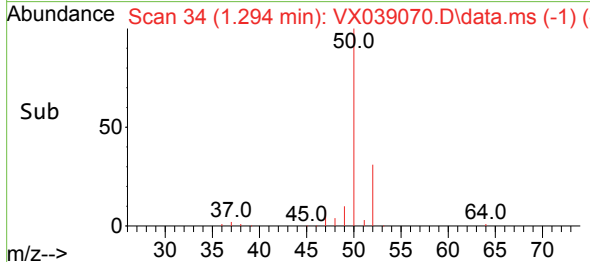
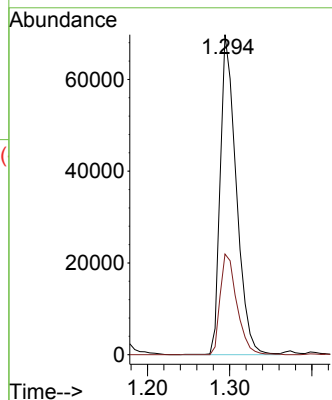
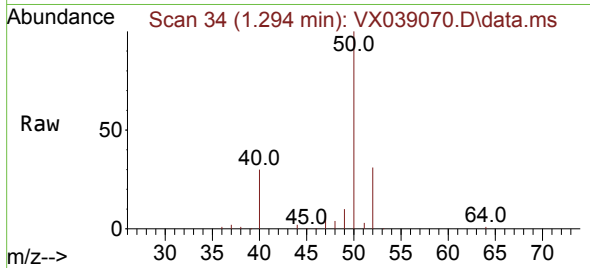




#3
Chloromethane
Concen: 49.040 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

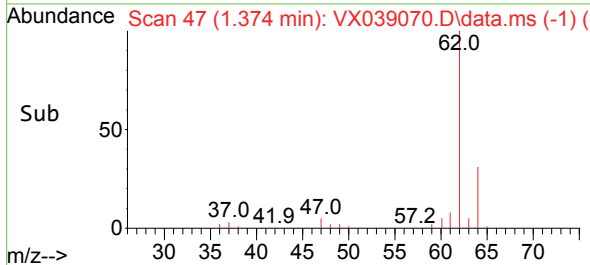
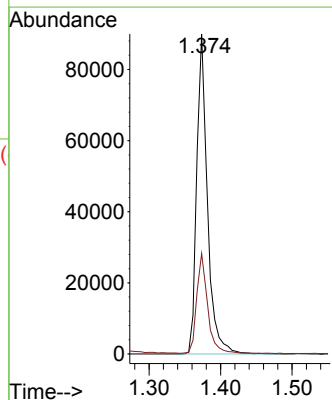
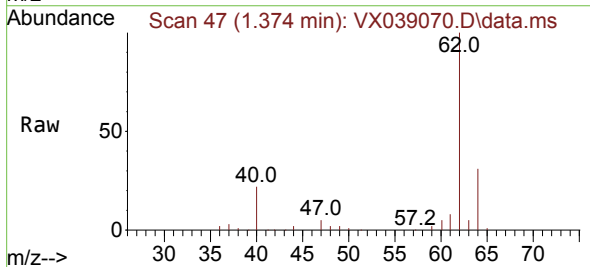
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

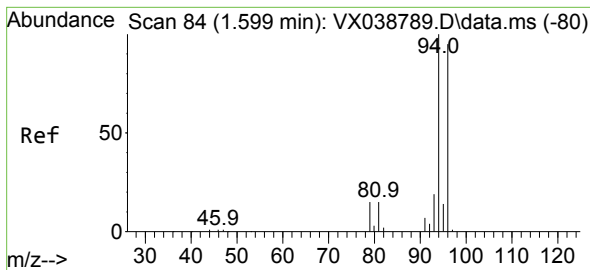
Tgt Ion: 50 Resp: 94419
Ion Ratio Lower Upper
50 100
52 31.5 25.5 38.3



#4
Vinyl Chloride
Concen: 50.455 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 62 Resp: 93576
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0





#5

Bromomethane

Concen: 75.602 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

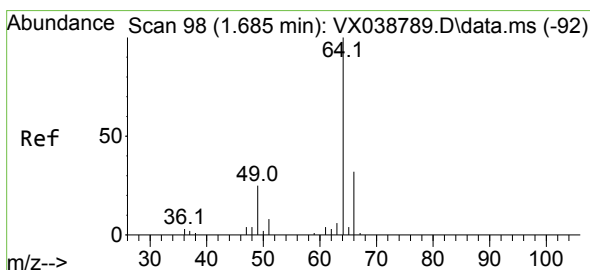
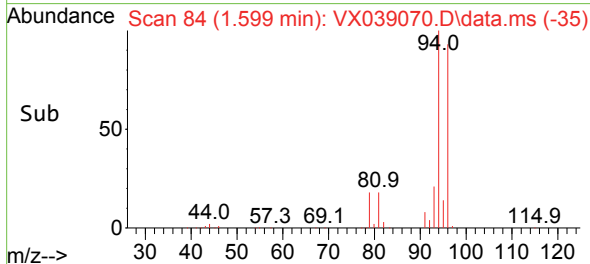
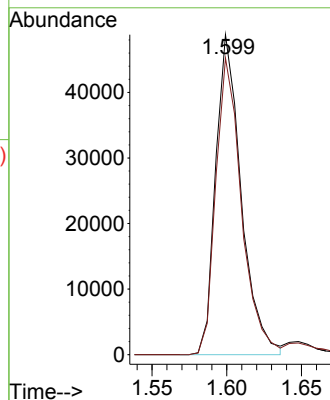
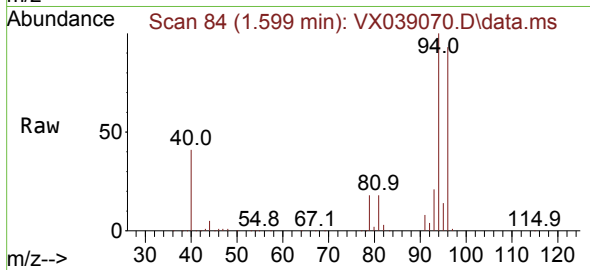
VSTDCCC050EC

Tgt Ion: 94 Resp: 57972

Ion Ratio Lower Upper

94 100

96 92.7 74.6 111.8



#6

Chloroethane

Concen: 52.584 ug/l

RT: 1.684 min Scan# 98

Delta R.T. -0.001 min

Lab File: VX039070.D

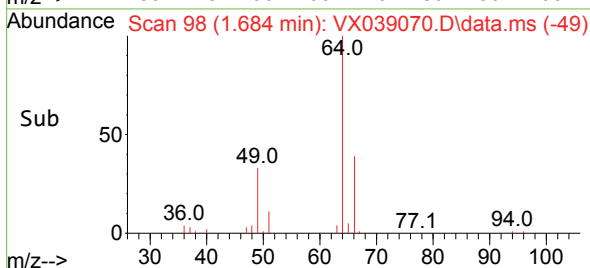
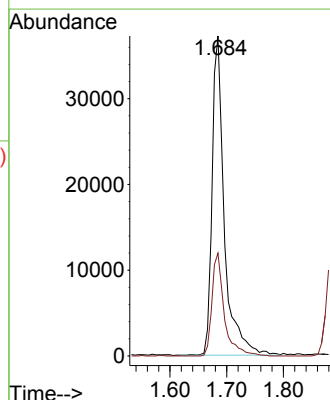
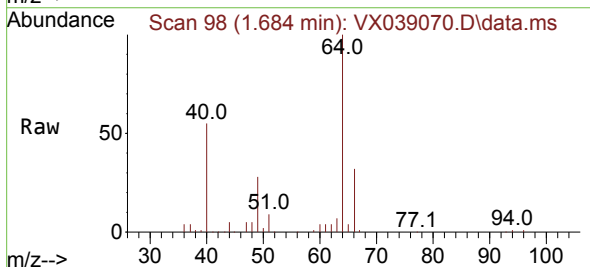
Acq: 30 Nov 2023 15:59

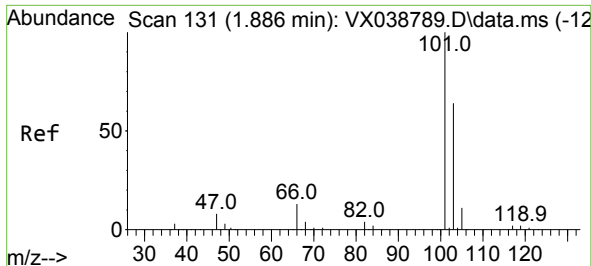
Tgt Ion: 64 Resp: 55655

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7

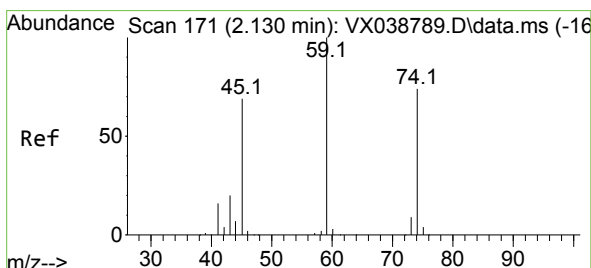
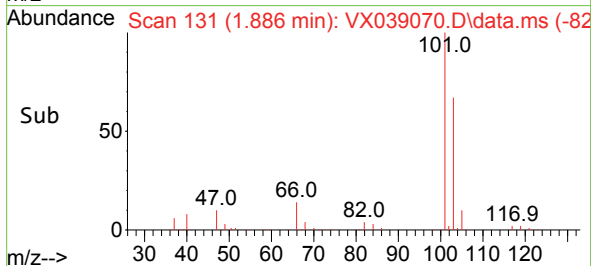
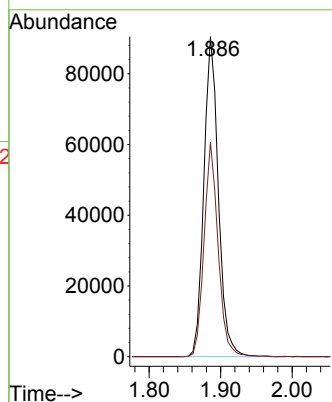
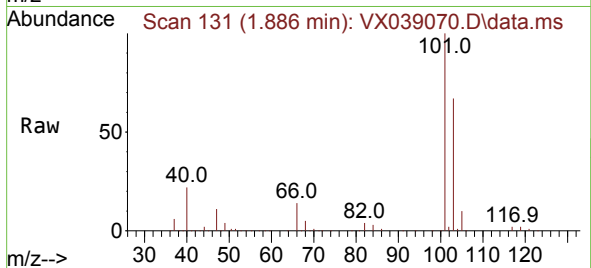




#7
 Trichlorofluoromethane
 Concen: 54.198 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039070.D
 Acq: 30 Nov 2023 15:59

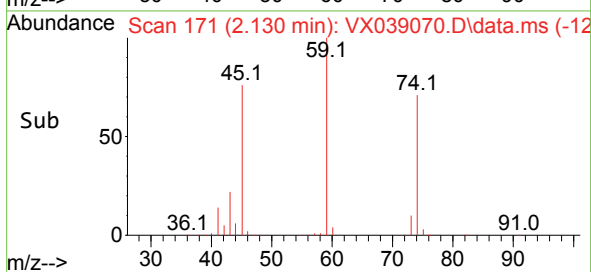
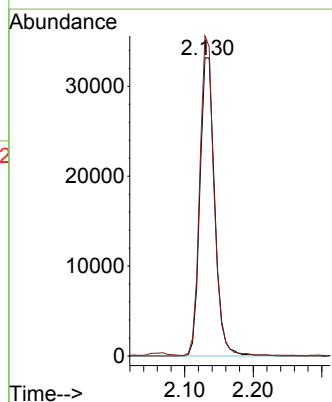
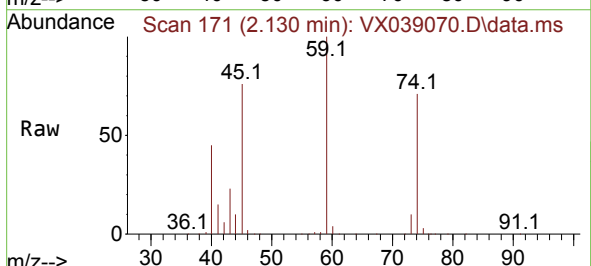
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 127551
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.4 77.2



#8
 Diethyl Ether
 Concen: 48.656 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX039070.D
 Acq: 30 Nov 2023 15:59

Tgt Ion: 74 Resp: 49874
 Ion Ratio Lower Upper
 74 100
 45 103.3 53.3 159.8

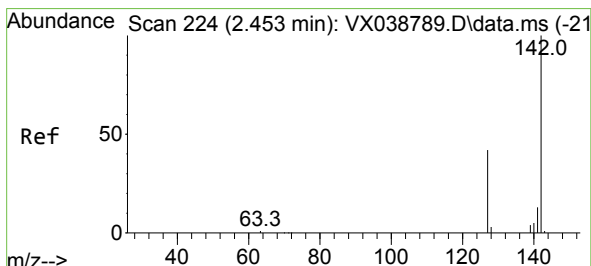
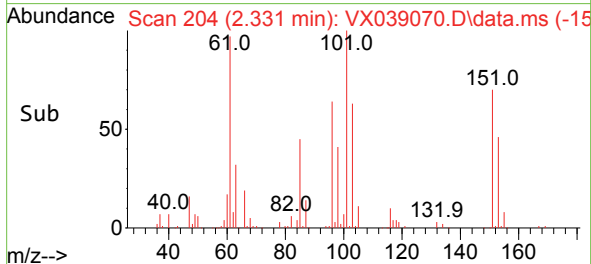
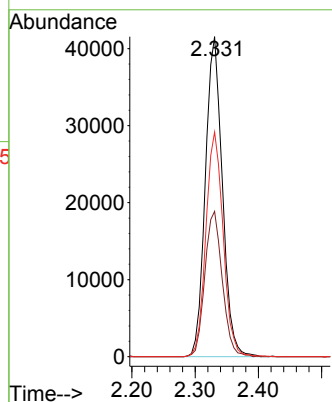
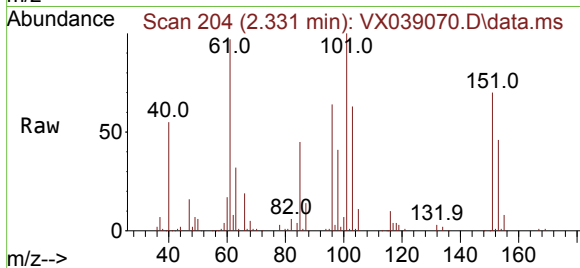




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.787 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039070.D
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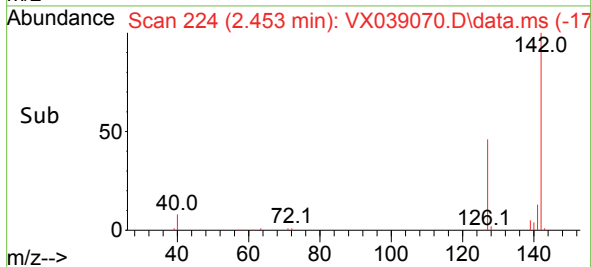
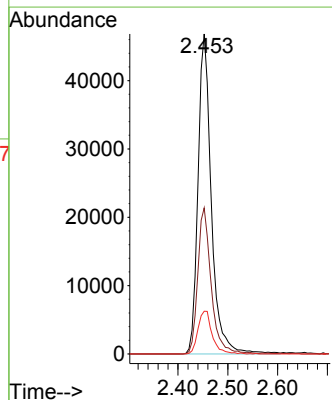
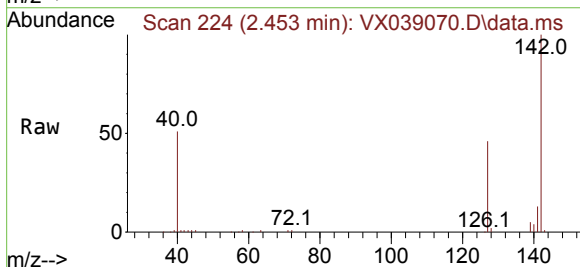
Instrument :
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ClientSampleId :
VSTDCCC050EC

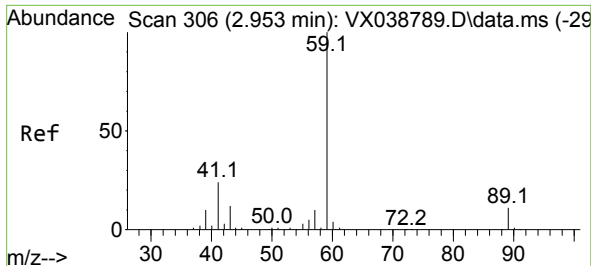
Tgt Ion:101 Resp: 77705
Ion Ratio Lower Upper
101 100
85 46.6 37.0 55.6
151 71.3 58.6 87.8



#10
Methyl Iodide
Concen: 45.814 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion:142 Resp: 87029
Ion Ratio Lower Upper
142 100
127 45.8 41.6 62.4
141 14.3 11.6 17.4

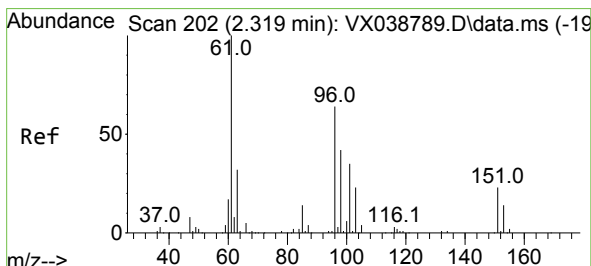
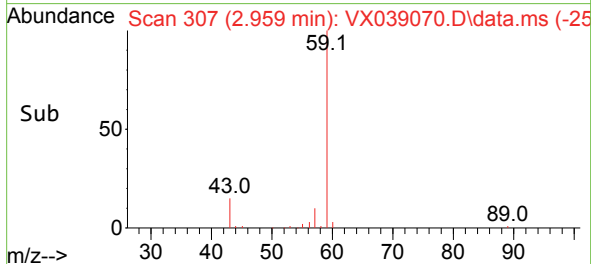
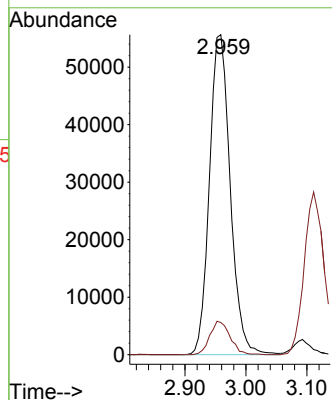
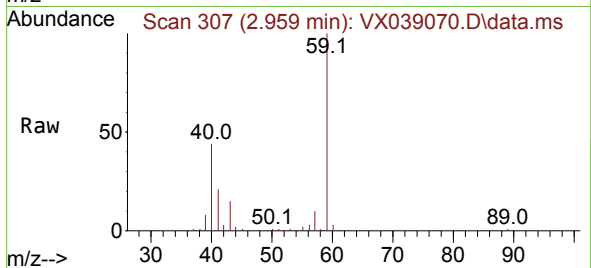




#11
Tert butyl alcohol
Concen: 233.125 ug/l
RT: 2.959 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

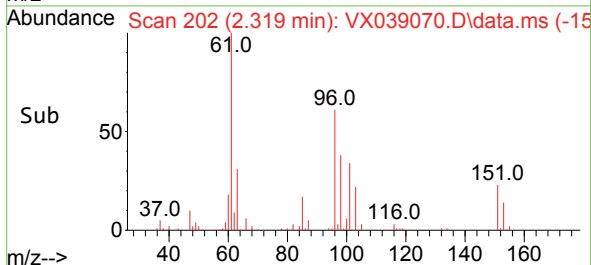
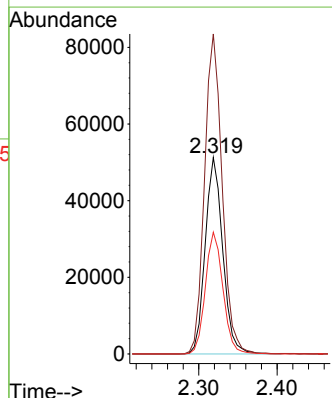
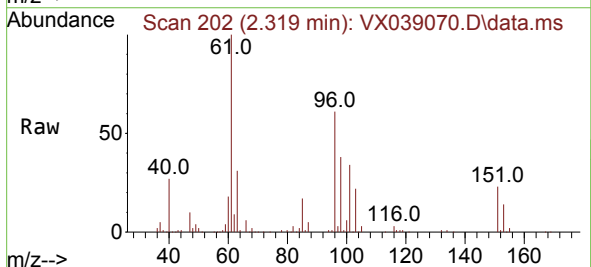
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

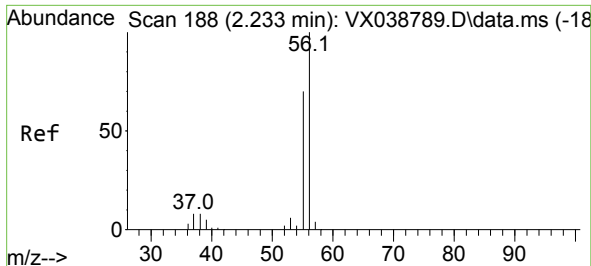
Tgt Ion: 59 Resp: 132085
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 50.619 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 96 Resp: 79761
Ion Ratio Lower Upper
96 100
61 162.8 144.6 216.8
98 62.0 50.4 75.6

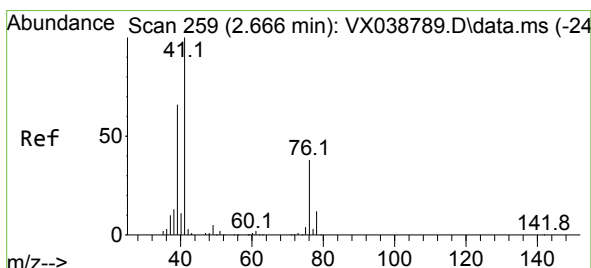
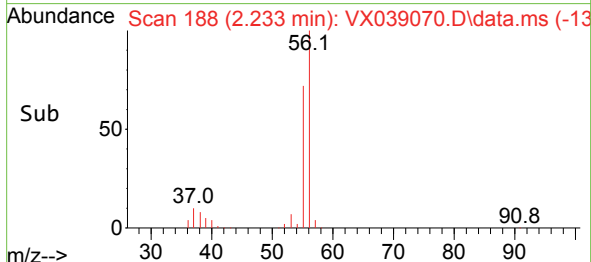
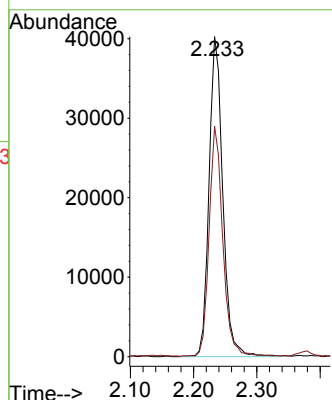
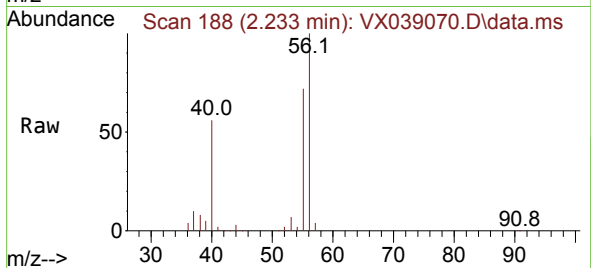




#13
Acrolein
Concen: 203.160 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

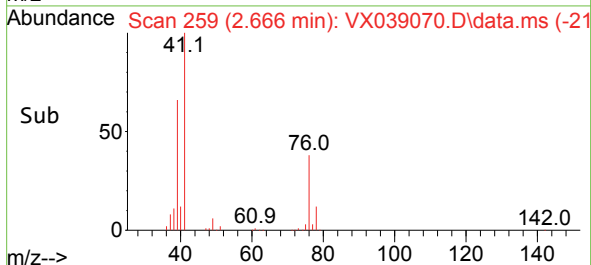
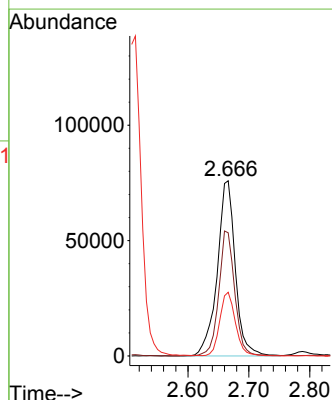
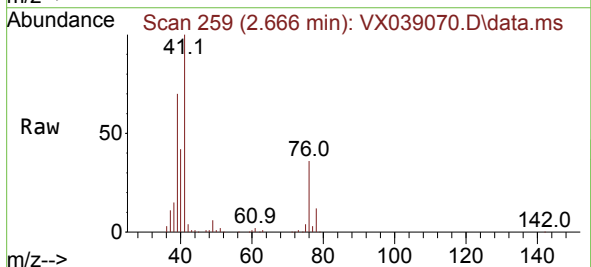
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 60899
Ion Ratio Lower Upper
56 100
55 71.8 57.1 85.7



#14
Allyl chloride
Concen: 49.758 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 41 Resp: 156975
Ion Ratio Lower Upper
41 100
39 62.6 55.8 83.6
76 31.6 24.3 36.5

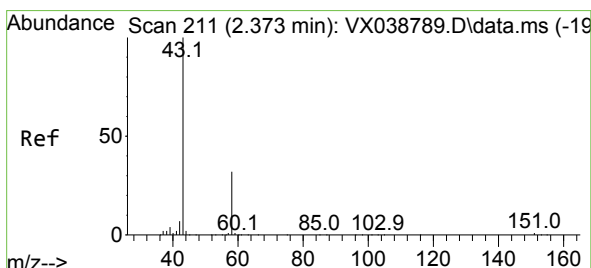
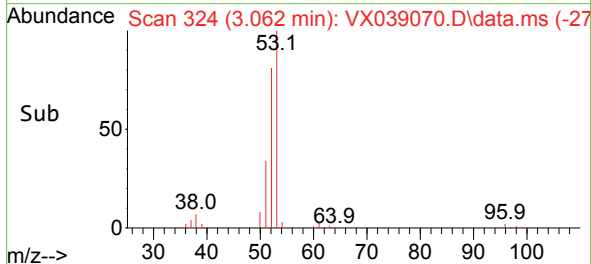
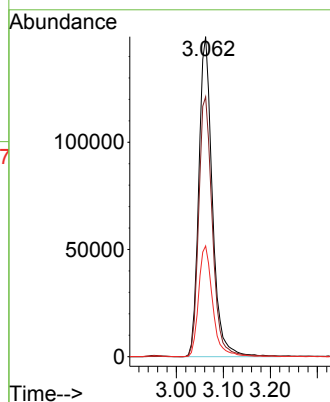
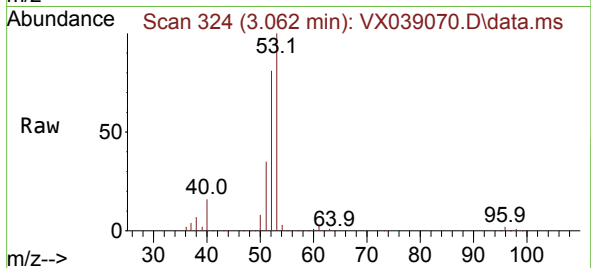




#15
Acrylonitrile
Concen: 250.332 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

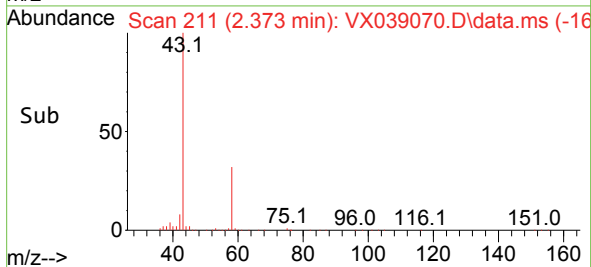
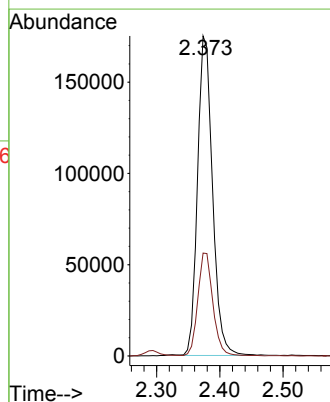
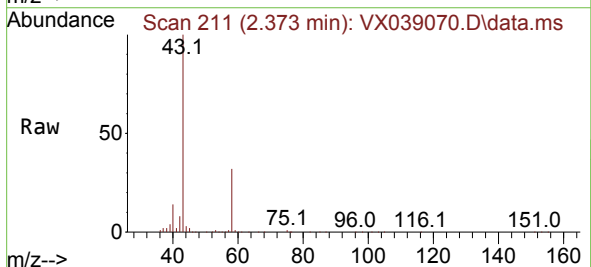
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

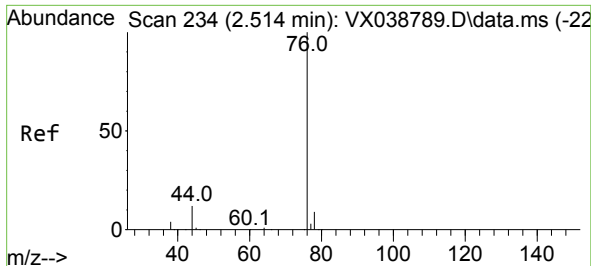
Tgt Ion: 53 Resp: 299695
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 35.9 29.8 44.6



#16
Acetone
Concen: 266.711 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 43 Resp: 289231
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9





#17

Carbon Disulfide

Concen: 46.948 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

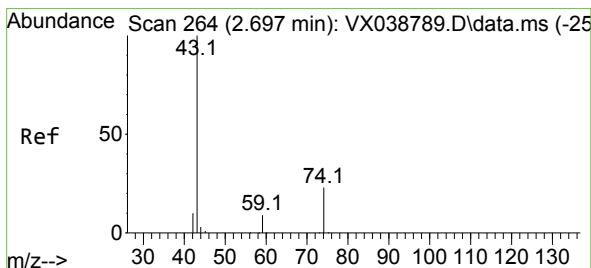
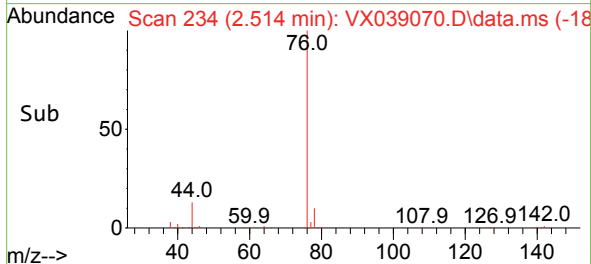
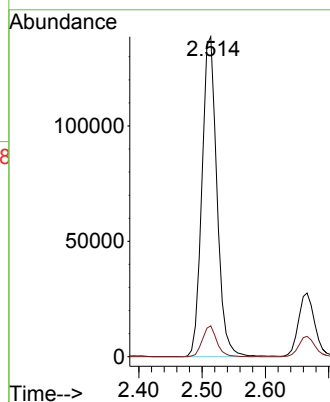
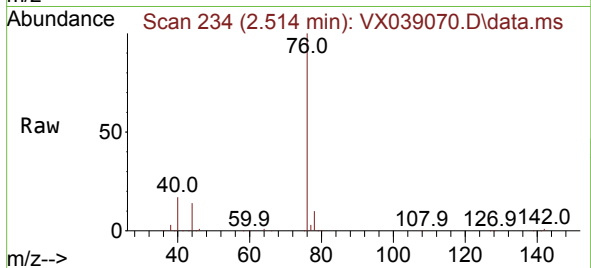
VSTDCCC050EC

Tgt Ion: 76 Resp: 229149

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6



#18

Methyl Acetate

Concen: 49.603 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX039070.D

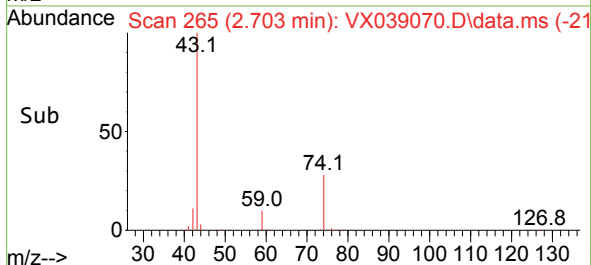
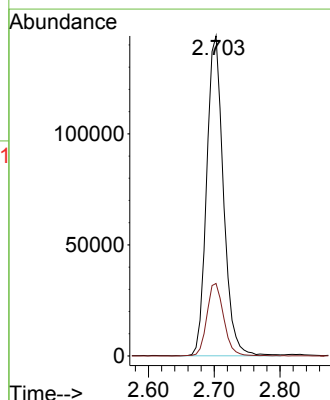
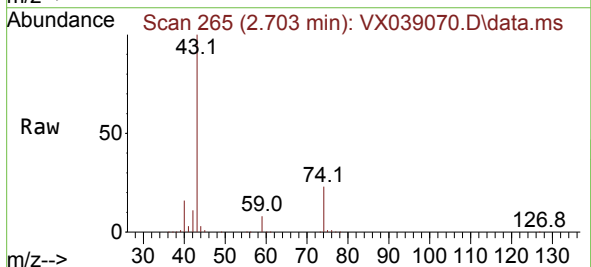
Acq: 30 Nov 2023 15:59

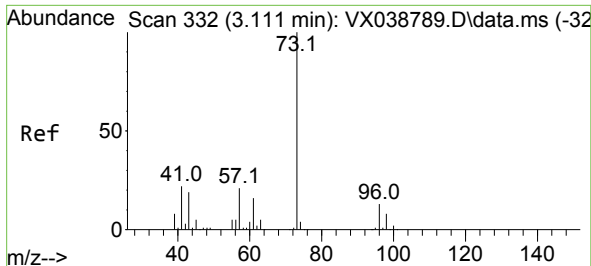
Tgt Ion: 43 Resp: 255503

Ion Ratio Lower Upper

43 100

74 22.9 17.8 26.8

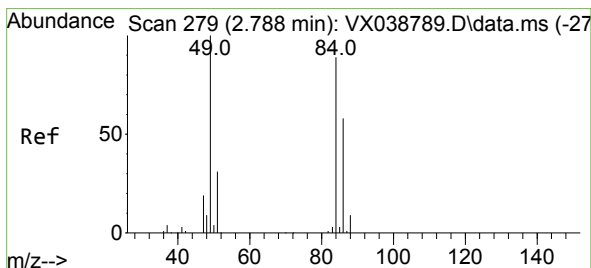
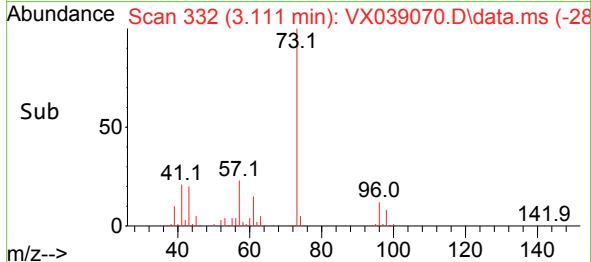
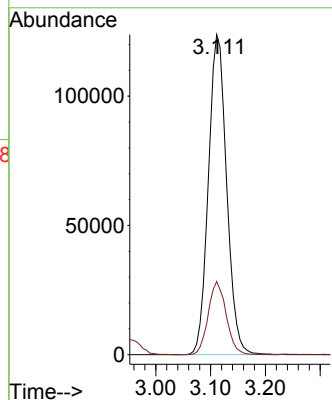
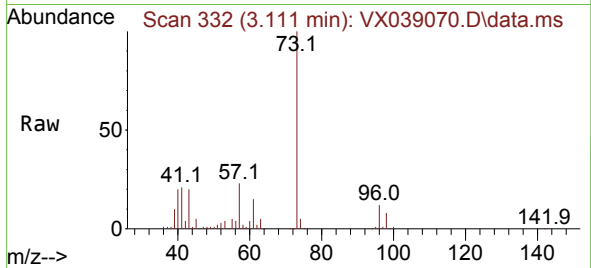




#19
Methyl tert-butyl Ether
Concen: 51.608 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

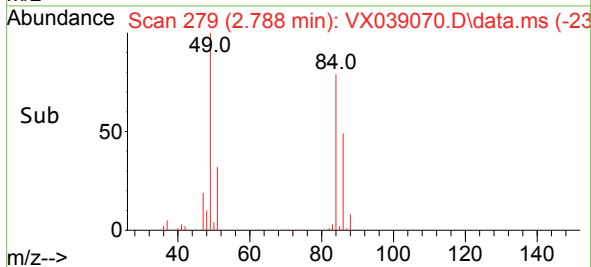
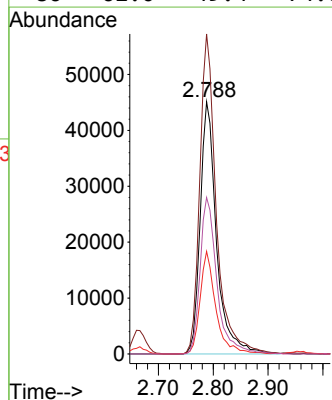
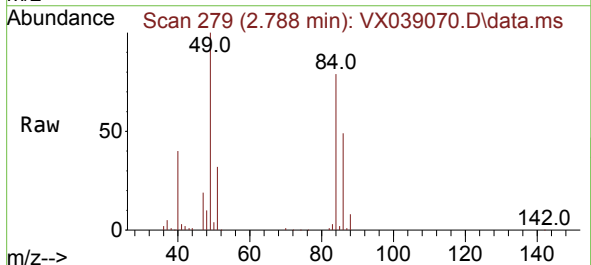
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

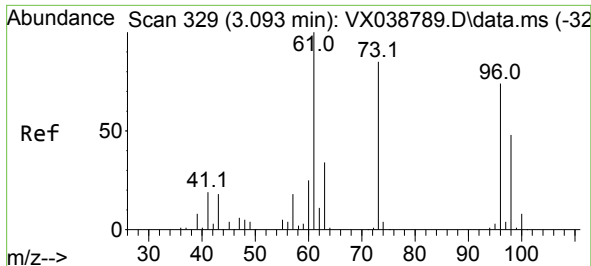
Tgt Ion: 73 Resp: 286016
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9



#20
Methylene Chloride
Concen: 47.975 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 84 Resp: 93784
Ion Ratio Lower Upper
84 100
49 126.9 103.6 155.4
51 40.6 33.8 50.6
86 62.0 49.4 74.0

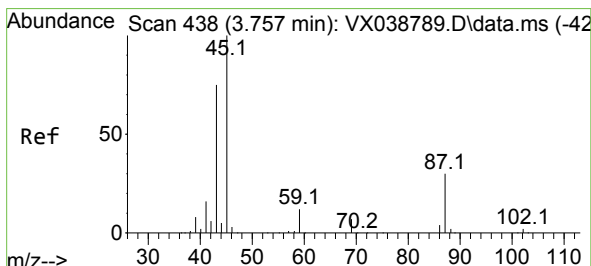
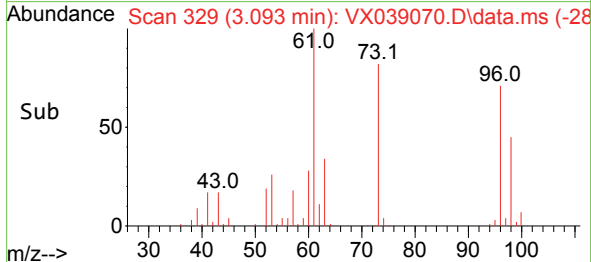
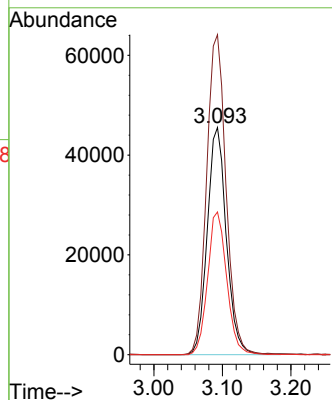
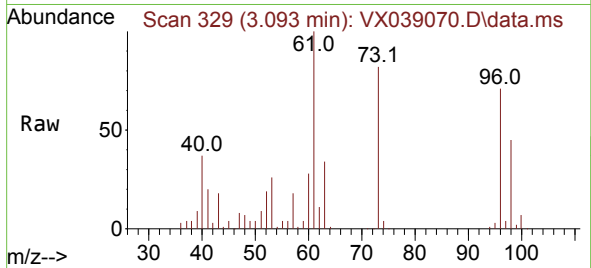




#21
trans-1,2-Dichloroethene
Concen: 50.707 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

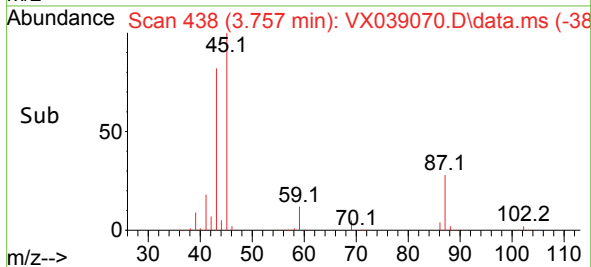
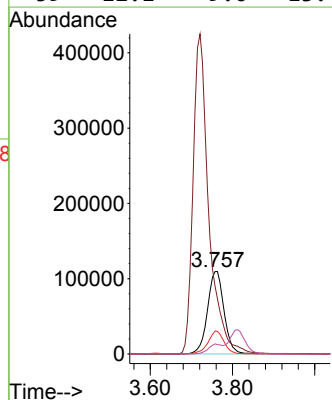
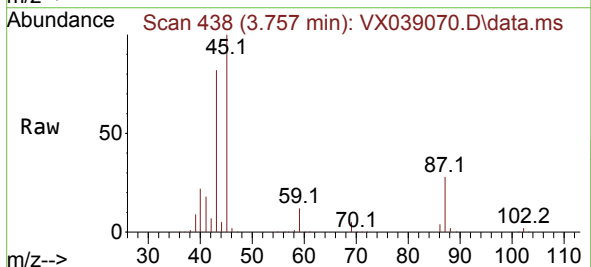
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

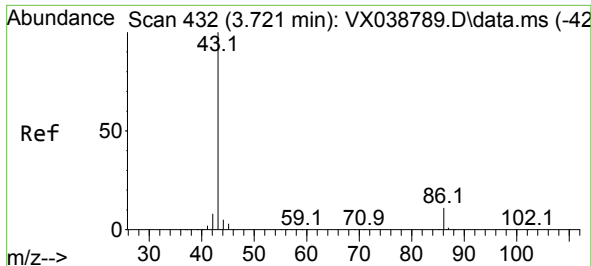
Tgt Ion: 96 Resp: 88161
Ion Ratio Lower Upper
96 100
61 140.9 119.2 178.8
98 62.9 48.7 73.1



#22
Diisopropyl ether
Concen: 52.849 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 45 Resp: 305866
Ion Ratio Lower Upper
45 100
43 81.7 69.7 104.5
87 28.0 20.8 31.2
59 12.1 9.0 13.4

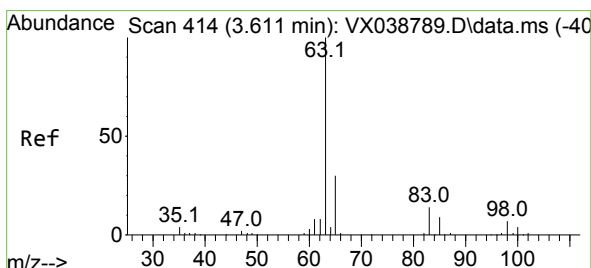
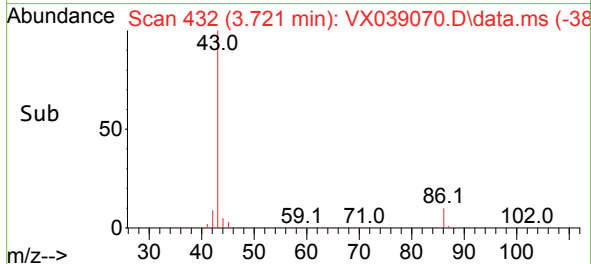
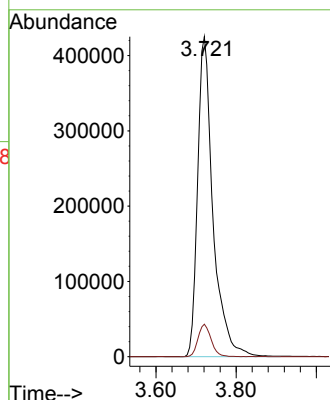
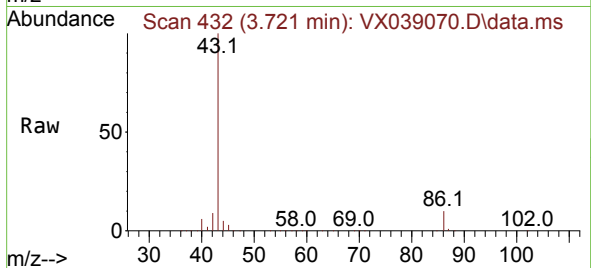




#23
 Vinyl Acetate
 Concen: 271.335 ug/l
 RT: 3.721 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX039070.D
 Acq: 30 Nov 2023 15:59

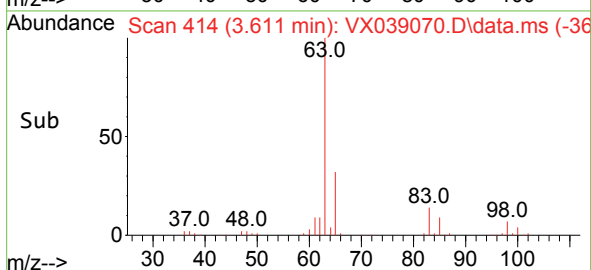
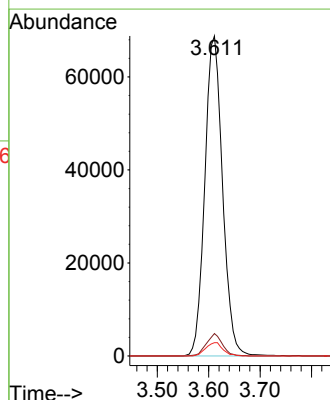
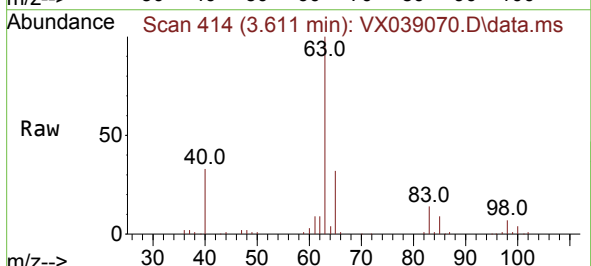
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

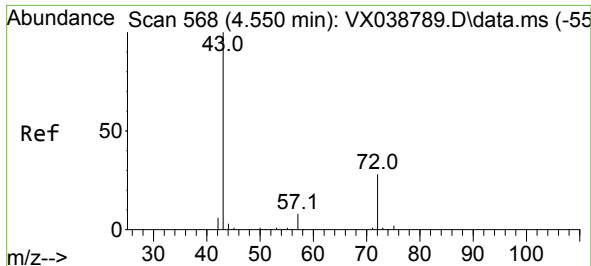
Tgt Ion: 43 Resp: 1130977
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.945 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX039070.D
 Acq: 30 Nov 2023 15:59

Tgt Ion: 63 Resp: 164880
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.1 2.1 6.5





#25

2-Butanone

Concen: 252.639 ug/l

RT: 4.550 min Scan# 5

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

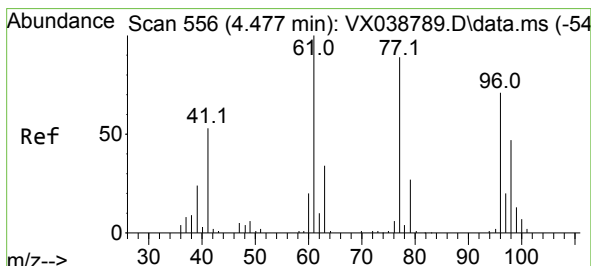
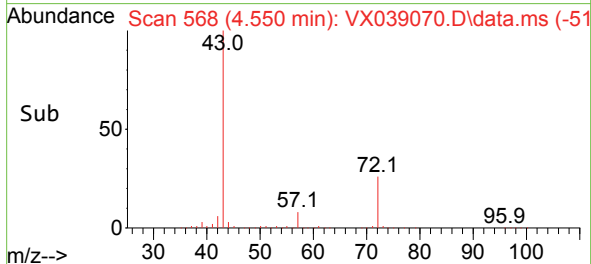
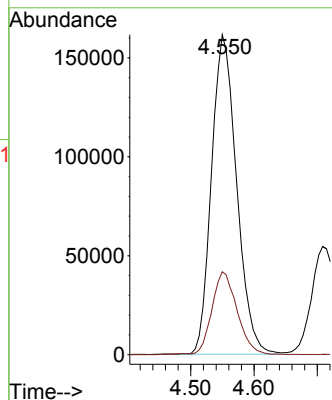
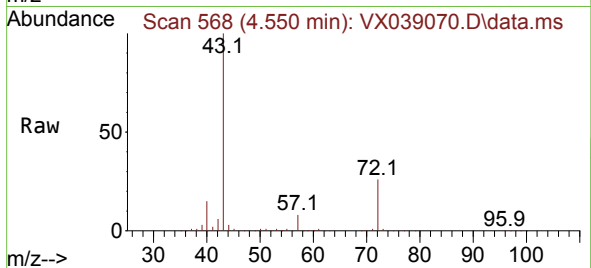
VSTDCCC050EC

Tgt Ion: 43 Resp: 444281

Ion Ratio Lower Upper

43 100

72 25.8 19.4 29.2



#26

2,2-Dichloropropane

Concen: 49.987 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX039070.D

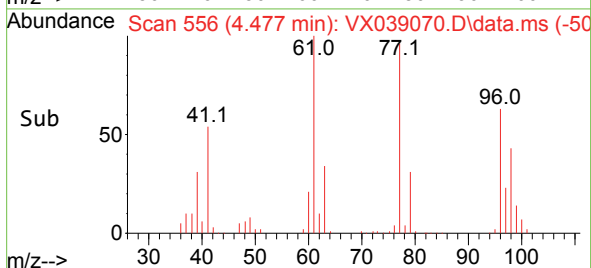
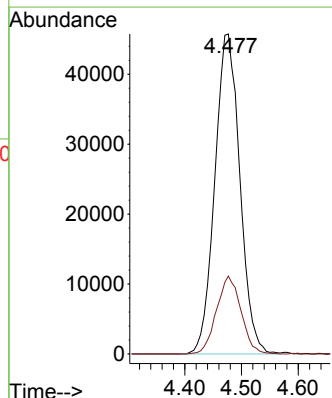
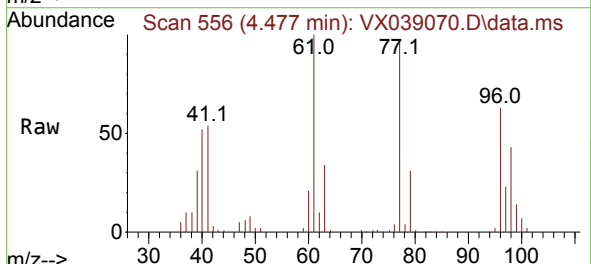
Acq: 30 Nov 2023 15:59

Tgt Ion: 77 Resp: 140332

Ion Ratio Lower Upper

77 100

97 23.7 10.8 32.3

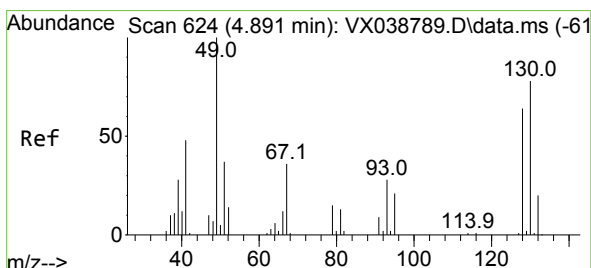
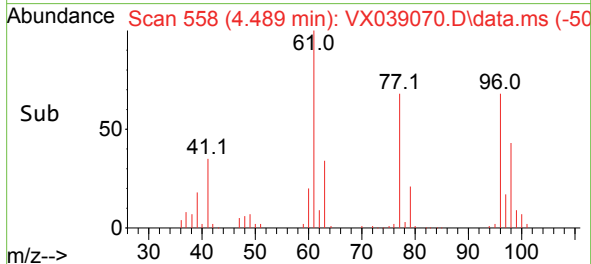
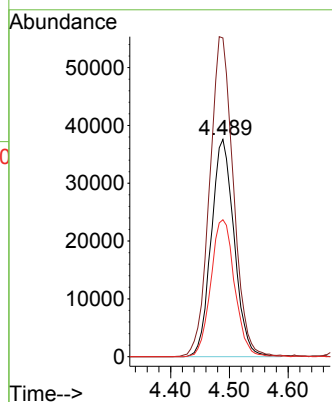
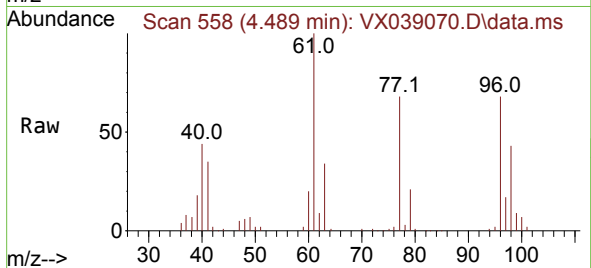




#27
 cis-1,2-Dichloroethene
 Concen: 50.281 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX039070.D
 Acq: 30 Nov 2023 15:59

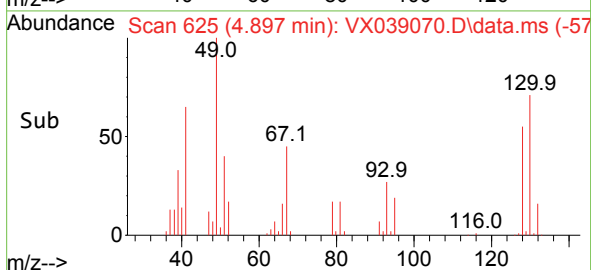
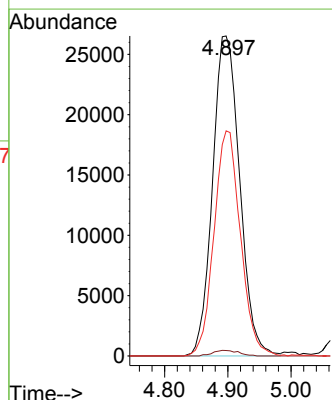
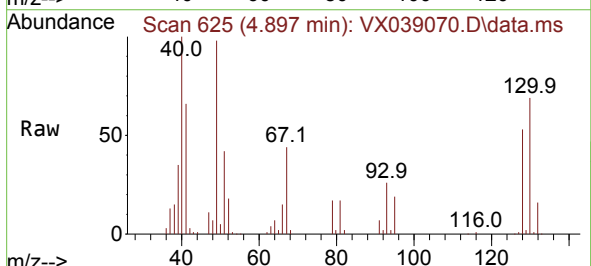
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

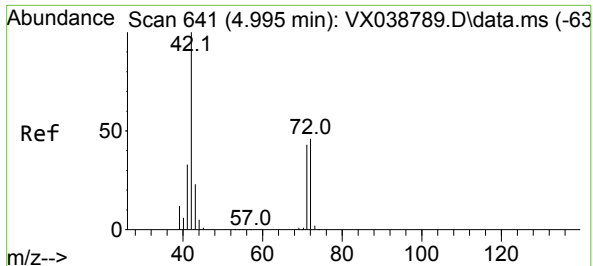
Tgt Ion: 96	Resp: 101899
Ion Ratio	Lower Upper
96	100
61	152.6 0.0 312.2
98	65.4 0.0 129.0



#28
 Bromochloromethane
 Concen: 50.916 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX039070.D
 Acq: 30 Nov 2023 15:59

Tgt Ion: 49	Resp: 79118
Ion Ratio	Lower Upper
49	100
129	1.7 0.0 3.8
130	68.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 258.106 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

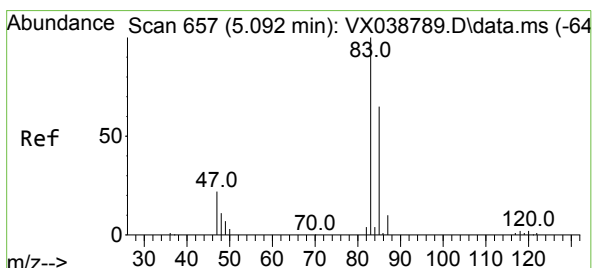
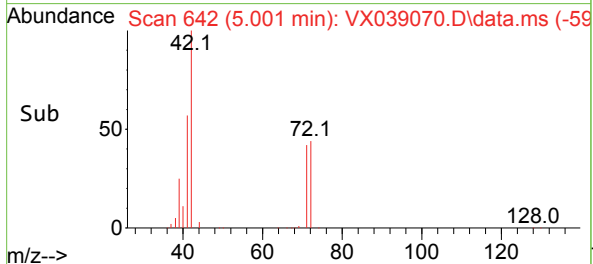
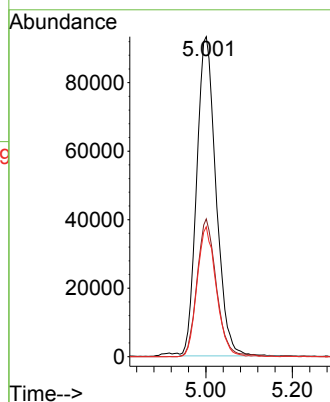
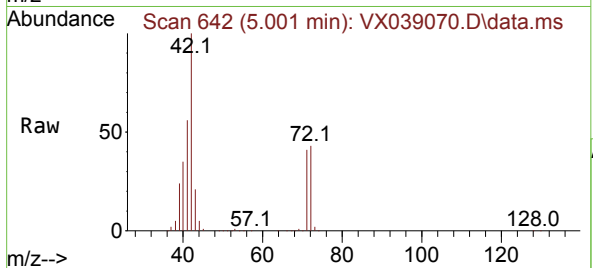
Tgt Ion: 42 Resp: 288197

Ion Ratio Lower Upper

42 100

72 43.4 34.2 51.4

71 40.5 32.2 48.2



#30

Chloroform

Concen: 51.841 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX039070.D

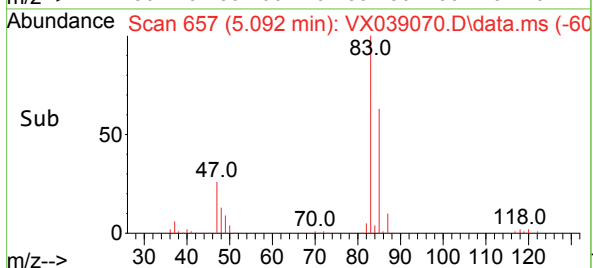
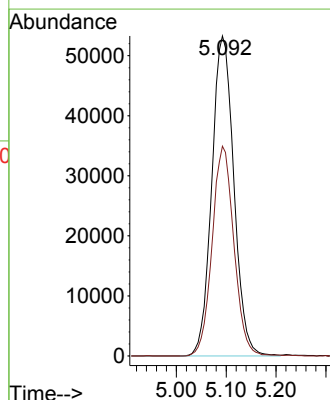
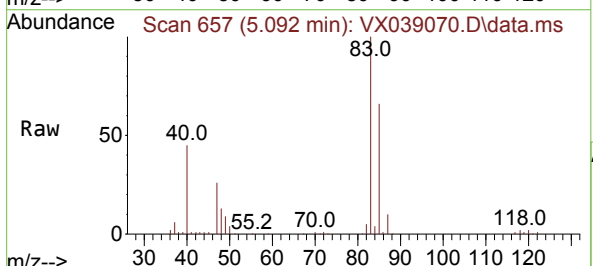
Acq: 30 Nov 2023 15:59

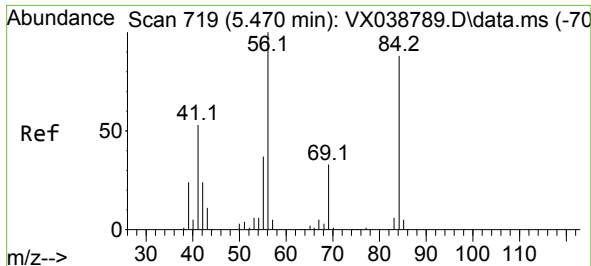
Tgt Ion: 83 Resp: 163833

Ion Ratio Lower Upper

83 100

85 65.5 50.3 75.5

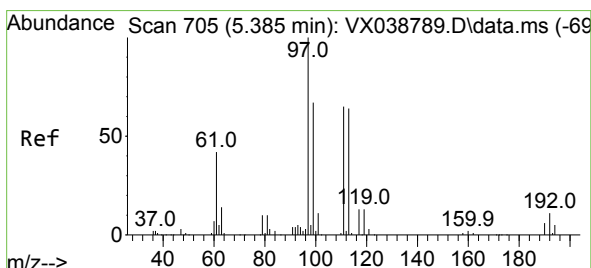
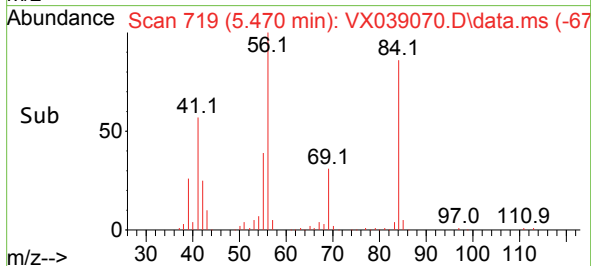
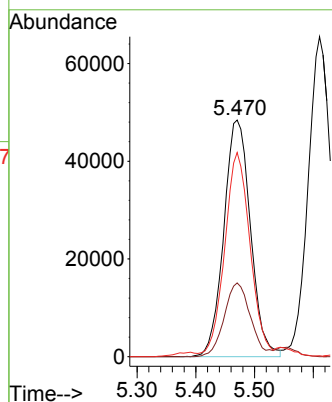
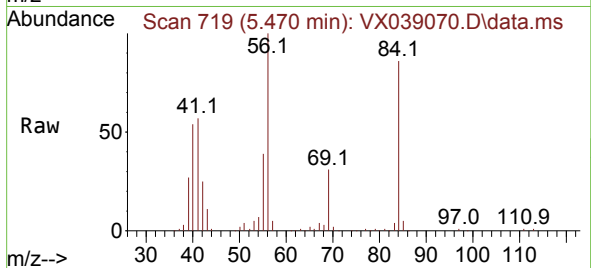




#31
Cyclohexane
Concen: 52.566 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

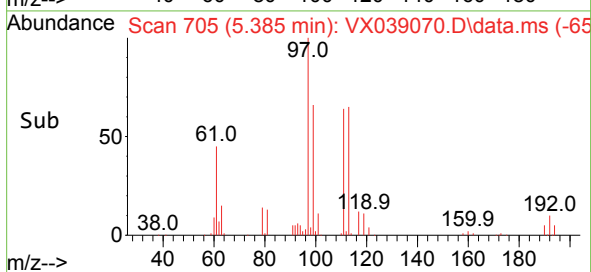
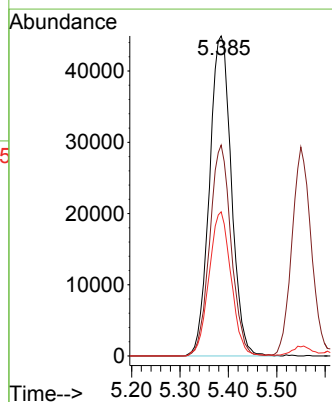
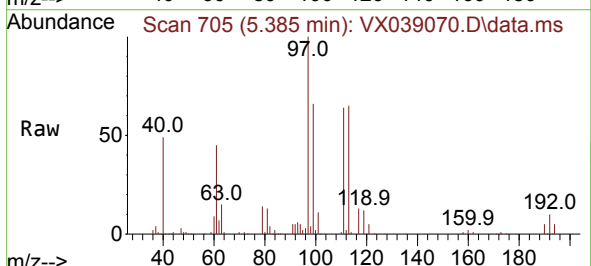
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 152886
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.2
84 84.6 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 51.601 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 97 Resp: 141248
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 45.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.670 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

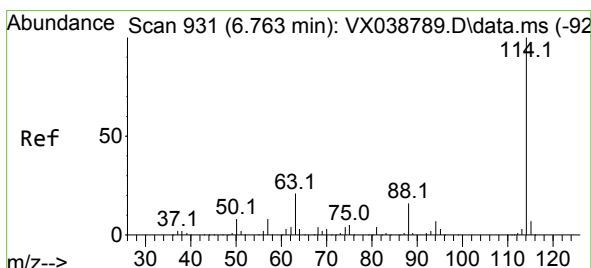
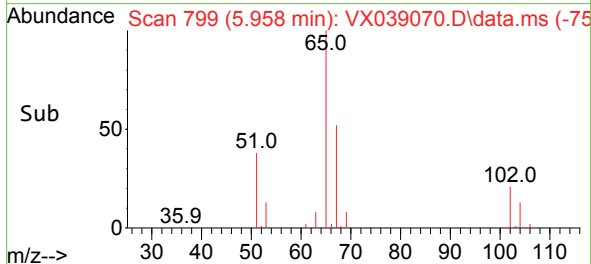
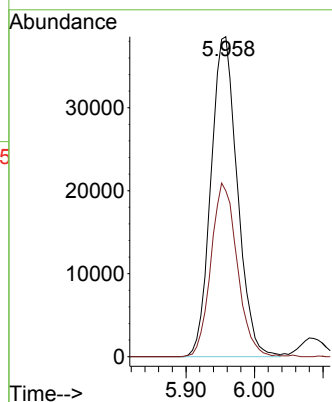
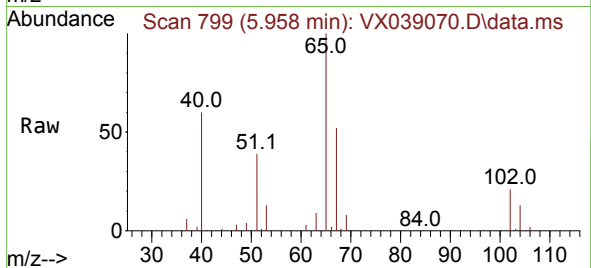
VSTDCCC050EC

Tgt Ion: 65 Resp: 103220

Ion Ratio Lower Upper

65 100

67 54.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

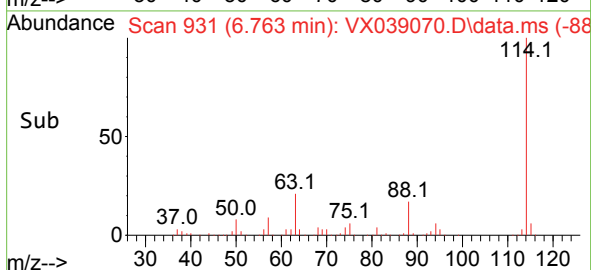
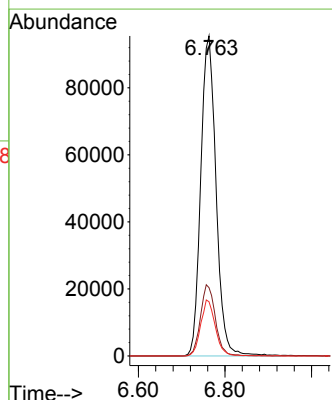
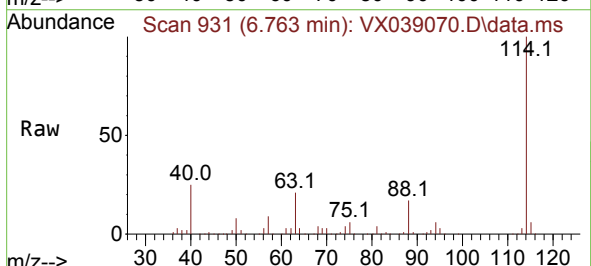
Tgt Ion: 114 Resp: 234410

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

88 17.0 0.0 36.6

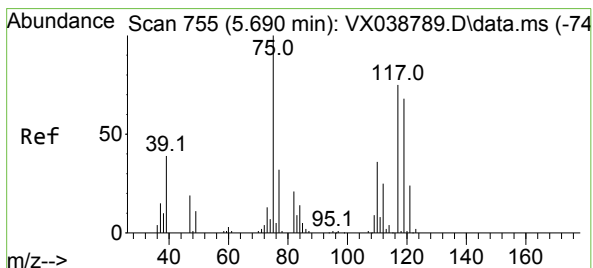
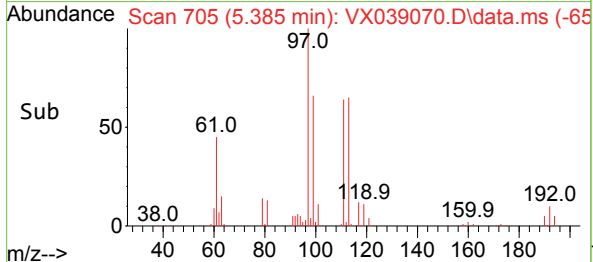
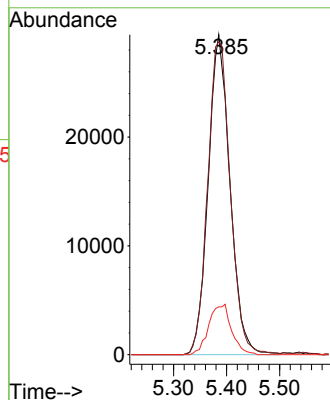
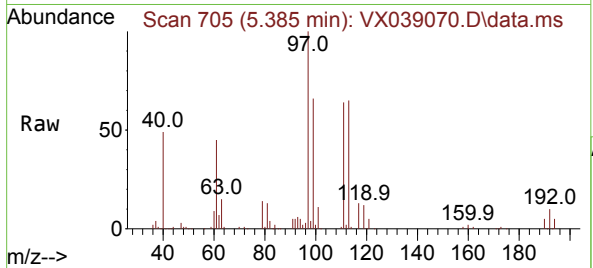




#35
Dibromofluoromethane
Concen: 49.566 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

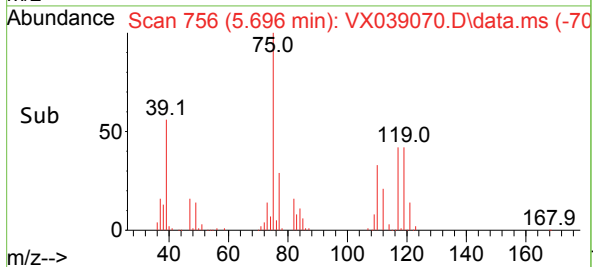
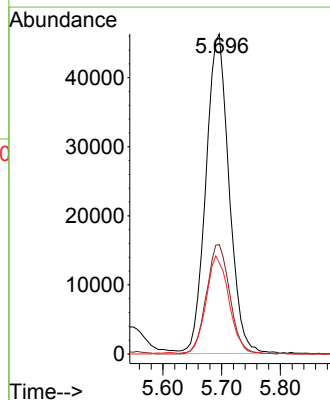
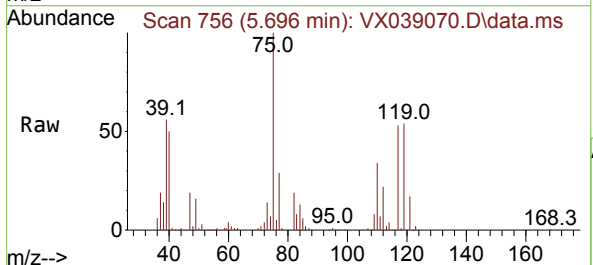
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

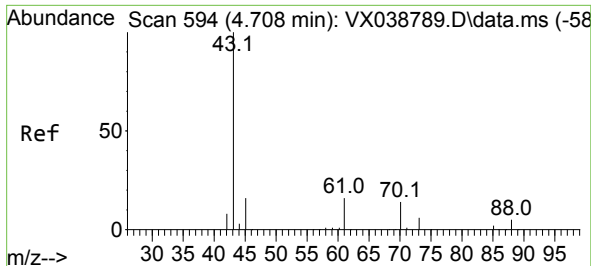
Tgt Ion:113 Resp: 83914
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 16.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 52.222 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 75 Resp: 126713
Ion Ratio Lower Upper
75 100
110 34.6 17.0 50.9
77 30.2 24.7 37.1





#37

Ethyl Acetate

Concen: 50.228 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

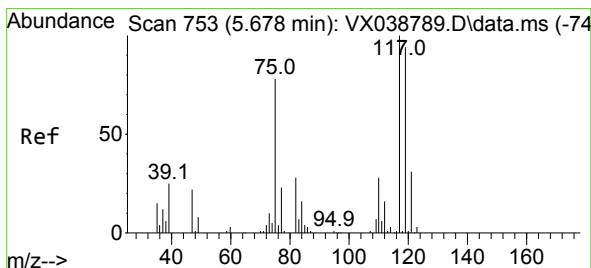
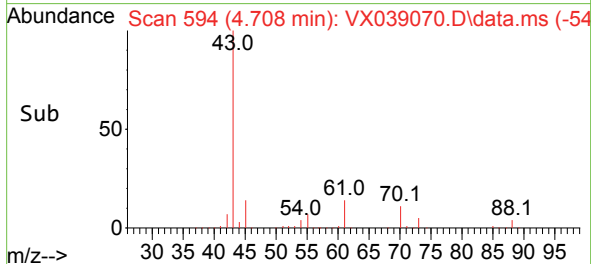
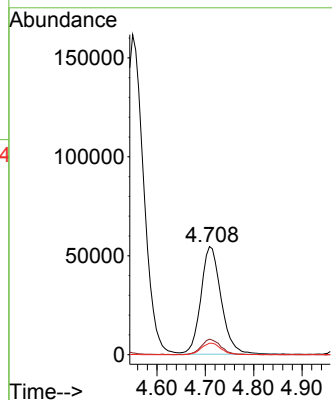
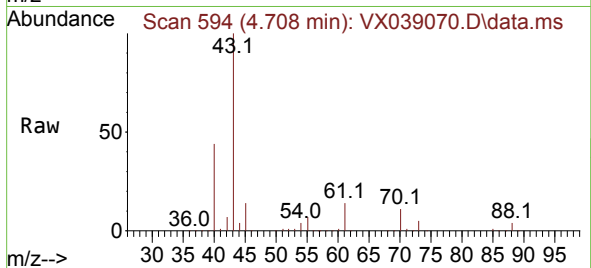
Tgt Ion: 43 Resp: 158784

Ion Ratio Lower Upper

43 100

61 14.1 10.6 16.0

70 10.4 8.3 12.5



#38

Carbon Tetrachloride

Concen: 53.130 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

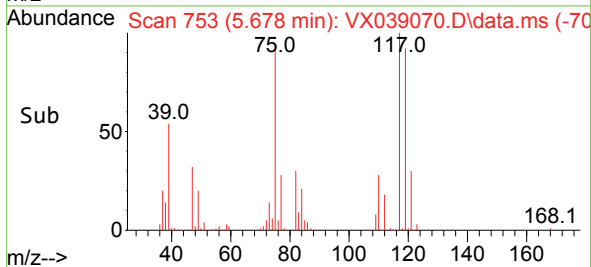
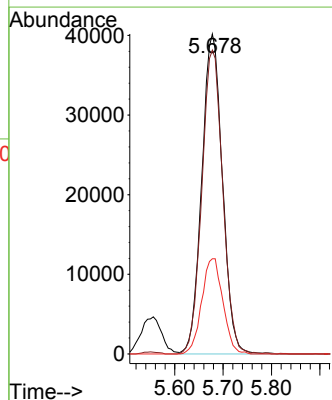
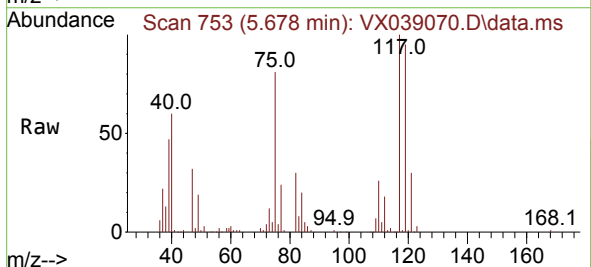
Tgt Ion: 117 Resp: 119146

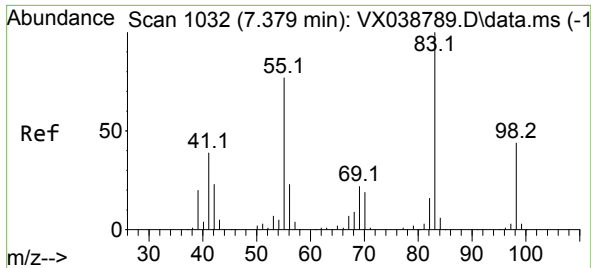
Ion Ratio Lower Upper

117 100

119 94.8 78.2 117.2

121 29.8 24.4 36.6

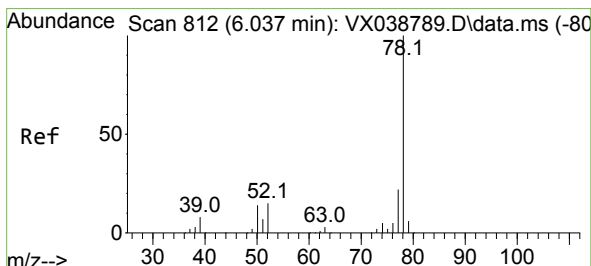
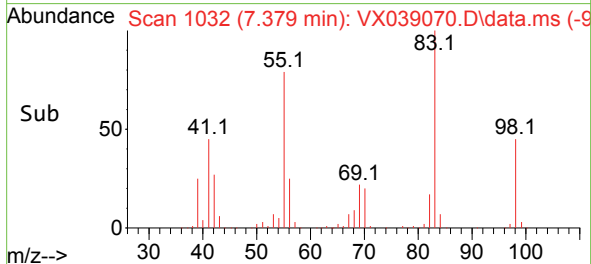
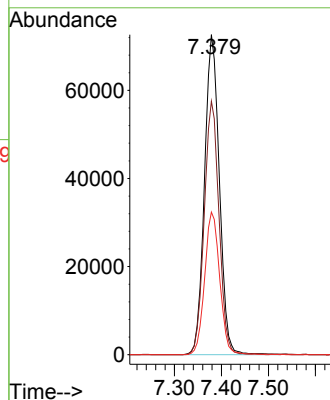
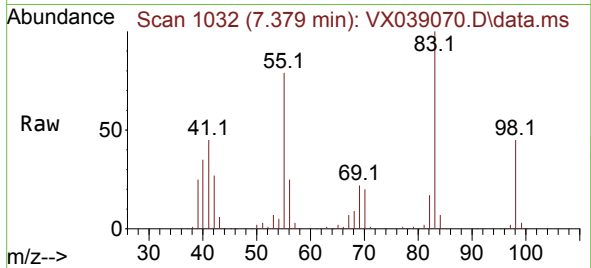




#39
Methylcyclohexane
Concen: 50.431 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

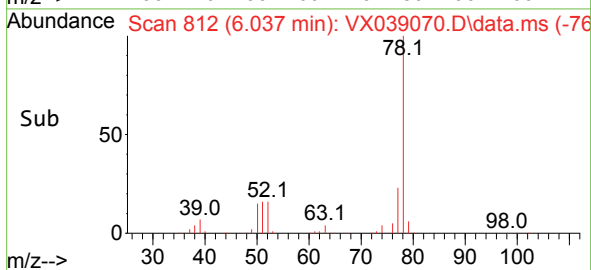
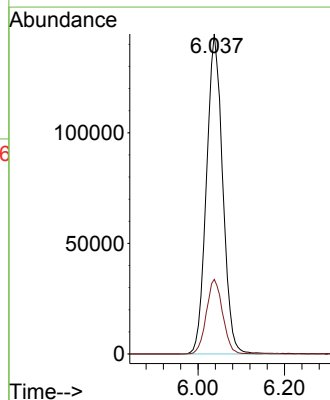
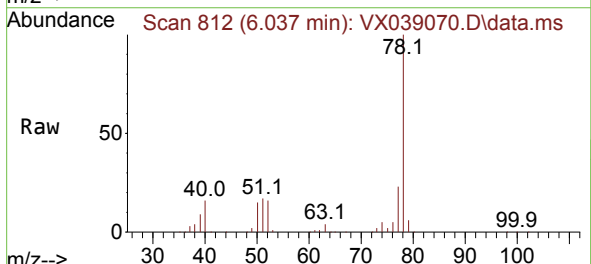
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

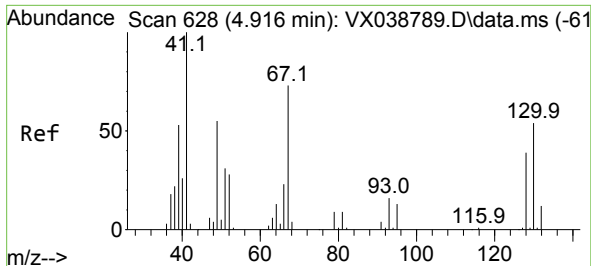
Tgt Ion: 83 Resp: 159614
Ion Ratio Lower Upper
83 100
55 79.2 64.6 97.0
98 44.6 36.7 55.1



#40
Benzene
Concen: 52.296 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 78 Resp: 375308
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9

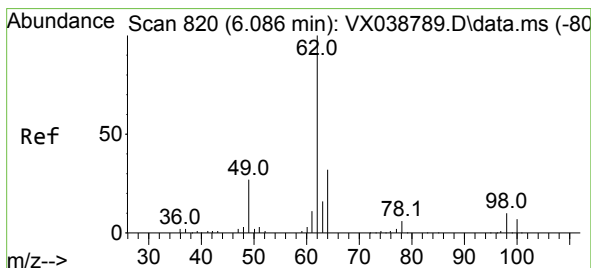
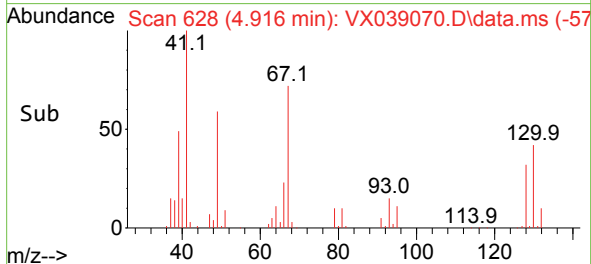
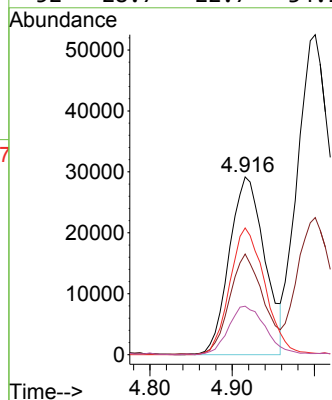
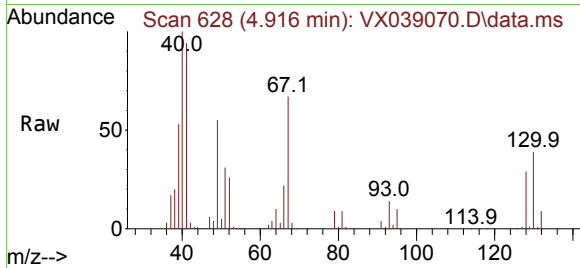




#41
Methacrylonitrile
Concen: 53.256 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

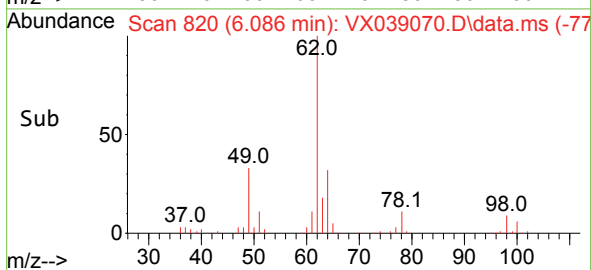
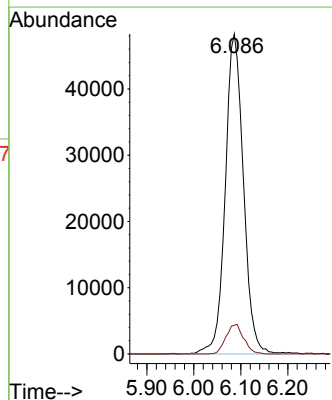
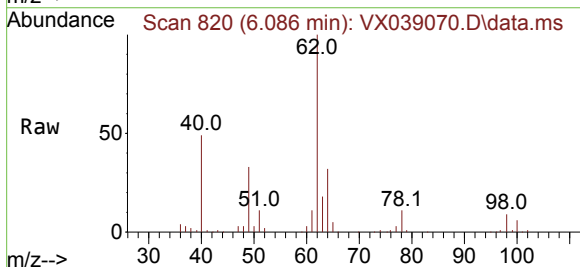
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

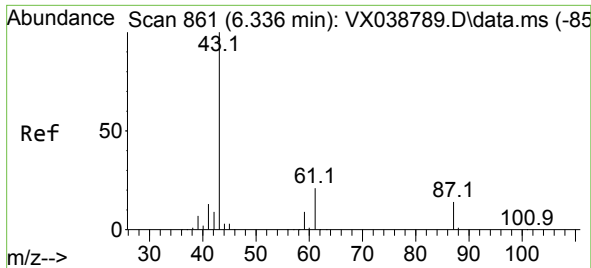
Tgt Ion:	41	Resp:	87317
Ion	Ratio	Lower	Upper
41	100		
39	53.9	45.2	67.8
67	71.2	52.6	78.8
52	28.7	22.7	34.1



#42
1,2-Dichloroethane
Concen: 54.569 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion:	62	Resp:	129749
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.0

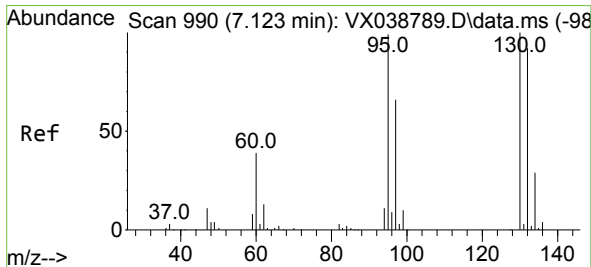
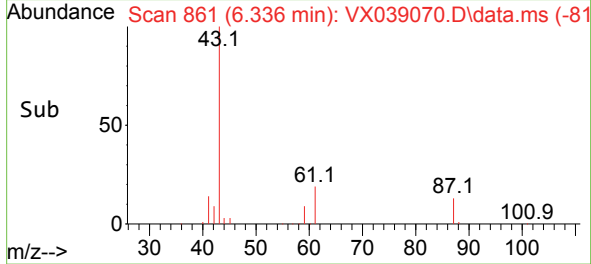
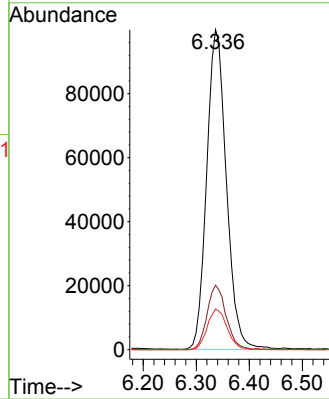
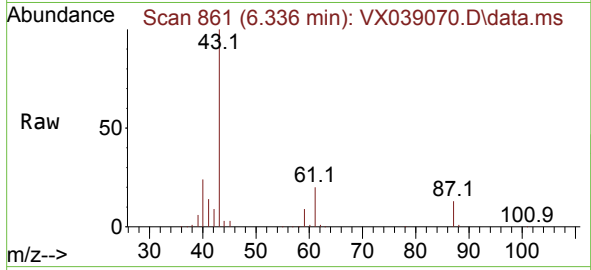




#43
Isopropyl Acetate
Concen: 50.863 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

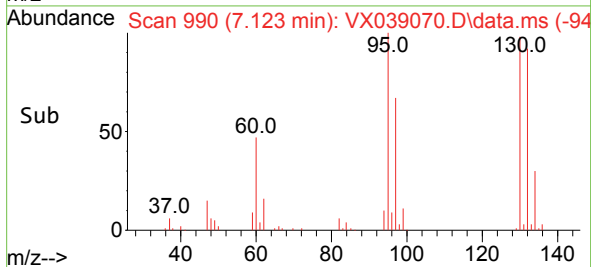
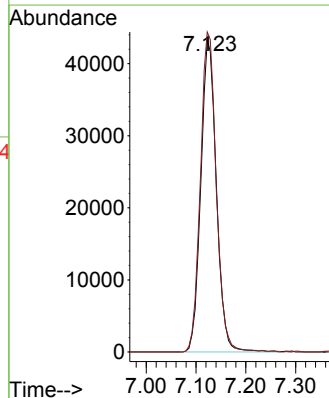
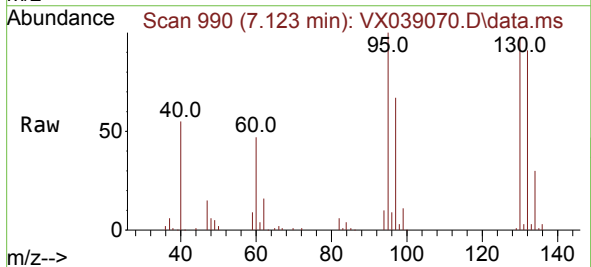
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

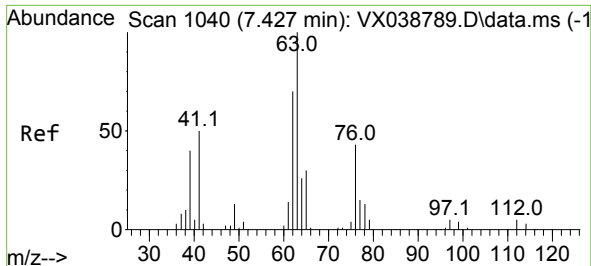
Tgt Ion: 43 Resp: 256965
Ion Ratio Lower Upper
43 100
61 19.5 15.2 22.8
87 12.8 9.8 14.6



#44
Trichloroethene
Concen: 53.601 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion:130 Resp: 93633
Ion Ratio Lower Upper
130 100
95 102.5 0.0 204.4

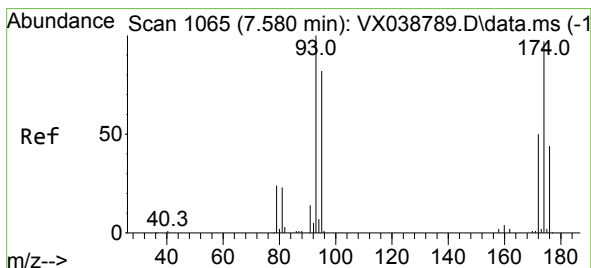
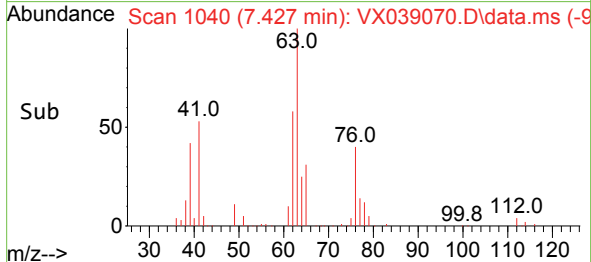
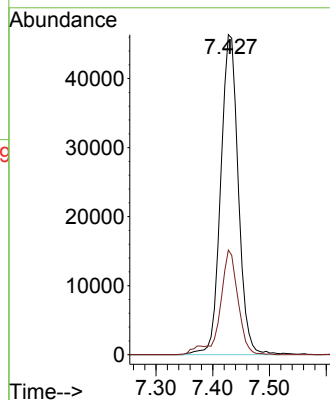
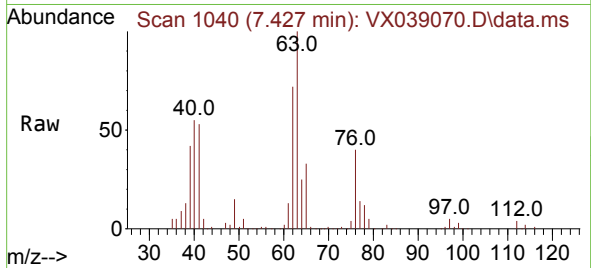




#45
1,2-Dichloropropane
Concen: 51.764 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

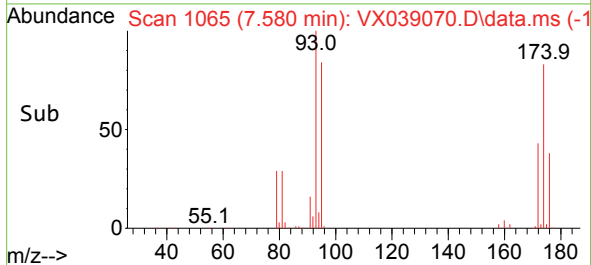
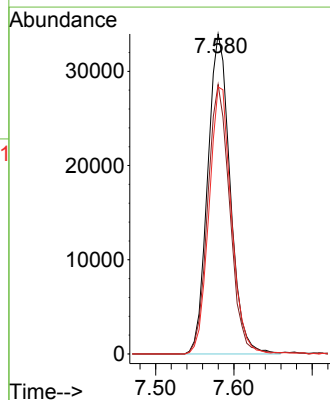
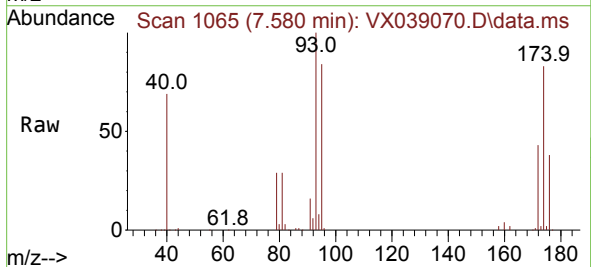
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ClientSampleId :
VSTDCCC050EC

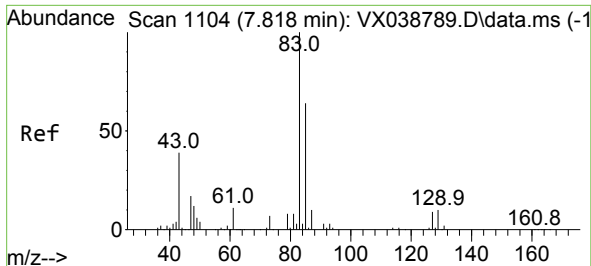
Tgt Ion: 63 Resp: 99970
Ion Ratio Lower Upper
63 100
65 32.7 24.3 36.5



#46
Dibromomethane
Concen: 52.443 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 93 Resp: 67543
Ion Ratio Lower Upper
93 100
95 82.8 66.6 100.0
174 82.8 69.4 104.0

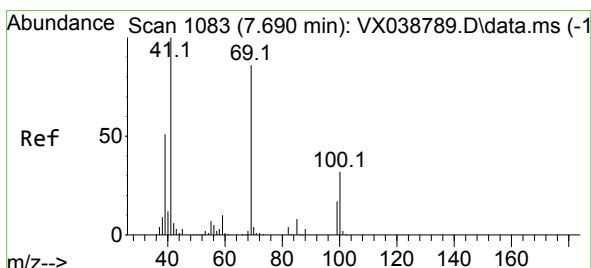
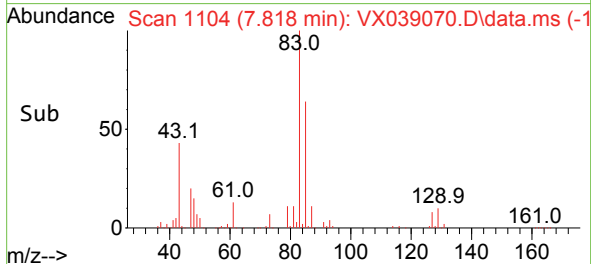
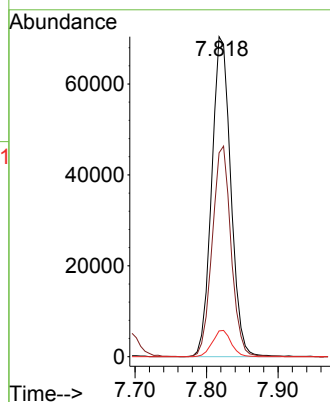
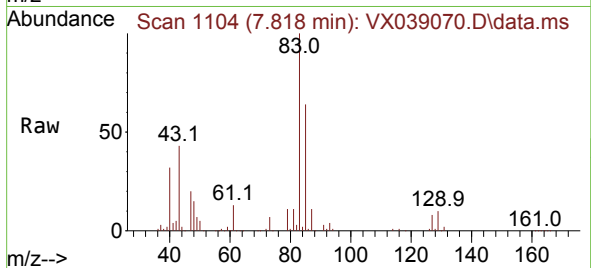




#47
Bromodichloromethane
Concen: 51.103 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

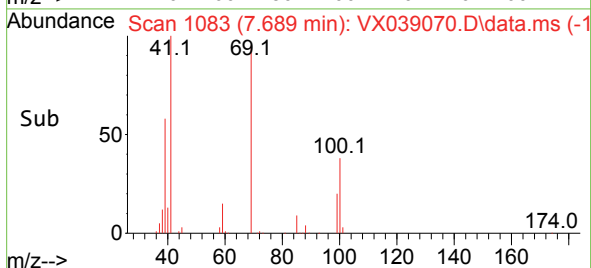
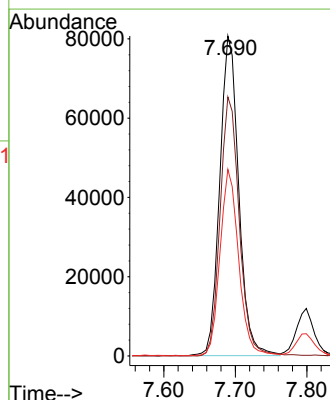
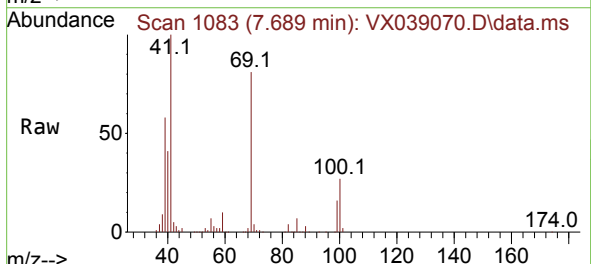
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

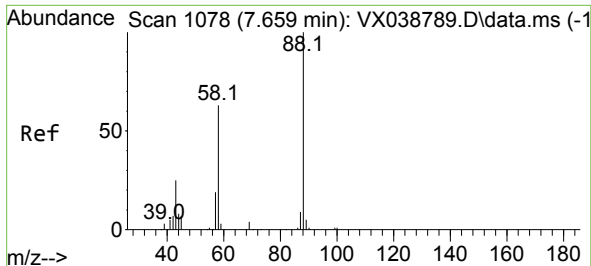
Tgt Ion: 83 Resp: 130631
Ion Ratio Lower Upper
83 100
85 63.7 49.8 74.6
127 8.0 7.1 10.7



#48
Methyl methacrylate
Concen: 60.658 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 41 Resp: 148688
Ion Ratio Lower Upper
41 100
69 82.0 59.2 88.8
39 57.1 47.7 71.5

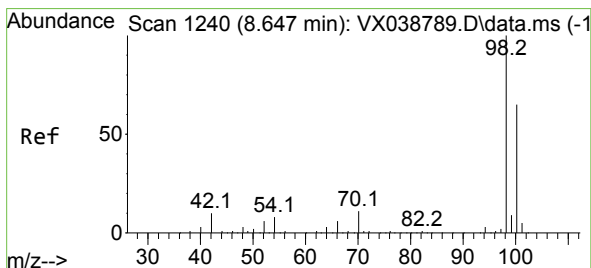
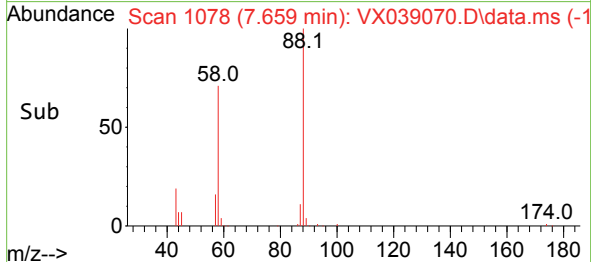
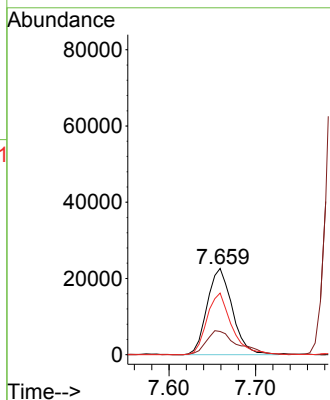
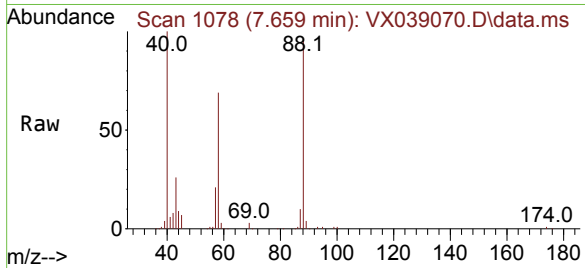




#49
1,4-Dioxane
Concen: 962.878 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

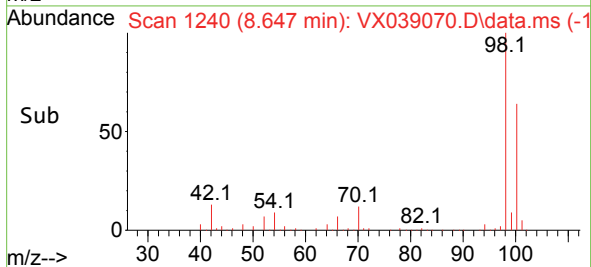
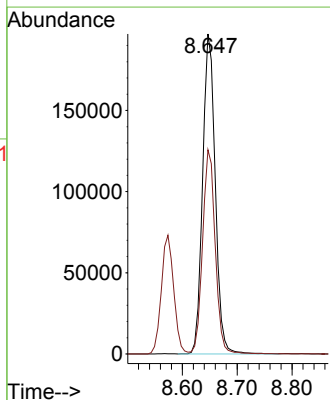
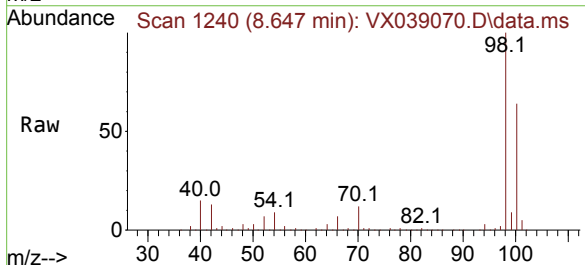
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

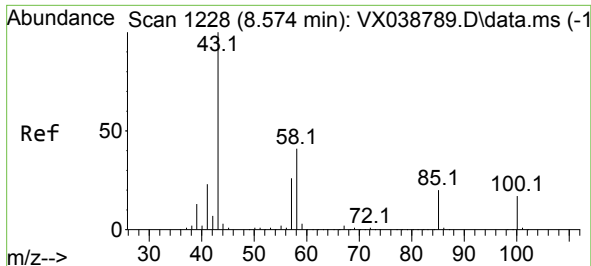
Tgt Ion: 88 Resp: 45662
Ion Ratio Lower Upper
88 100
43 34.3 0.0 0.0#
58 70.5 60.1 90.1



#50
Toluene-d8
Concen: 48.547 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 98 Resp: 314457
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 261.766 ug/l

RT: 8.573 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

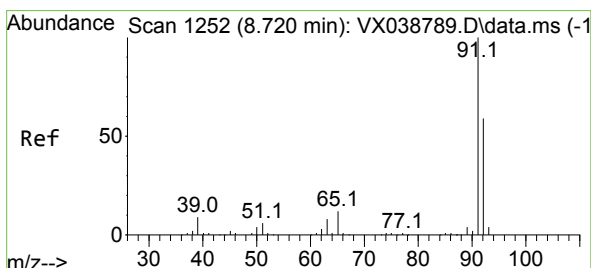
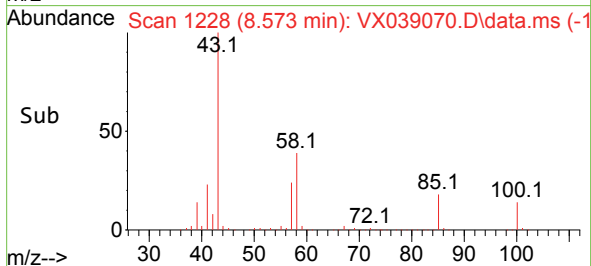
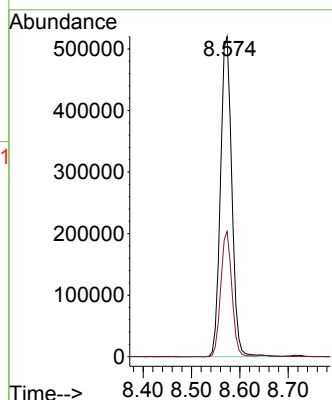
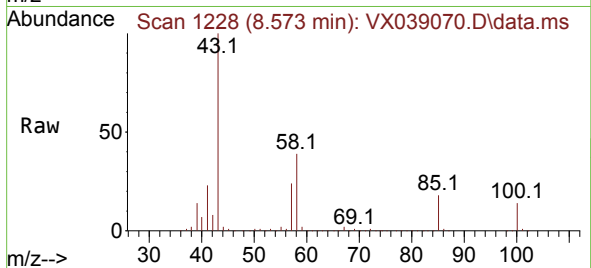
VSTDCCC050EC

Tgt Ion: 43 Resp: 845135

Ion Ratio Lower Upper

43 100

58 38.4 30.4 45.6



#52

Toluene

Concen: 52.721 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX039070.D

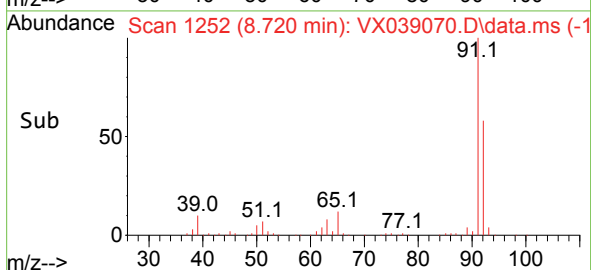
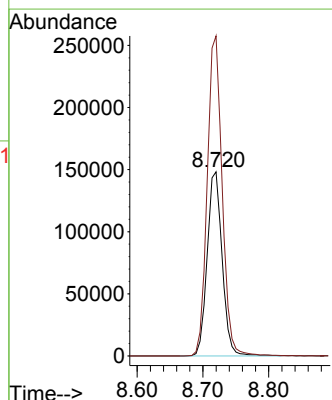
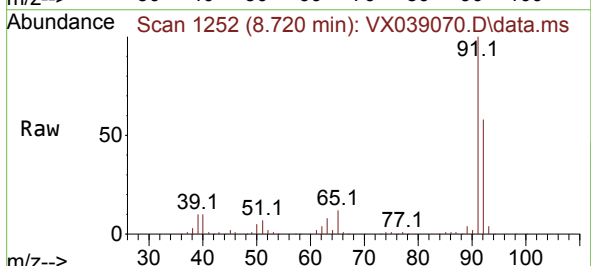
Acq: 30 Nov 2023 15:59

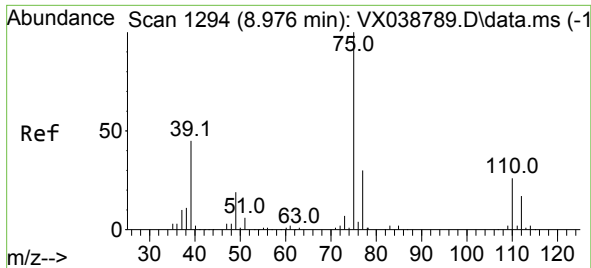
Tgt Ion: 92 Resp: 234791

Ion Ratio Lower Upper

92 100

91 173.6 134.2 201.2

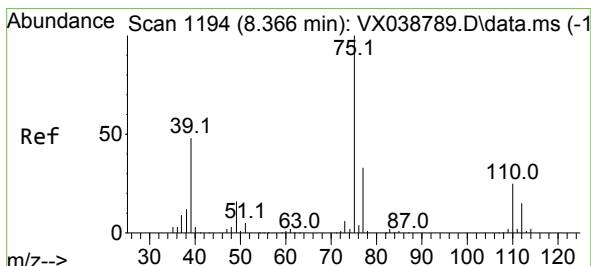
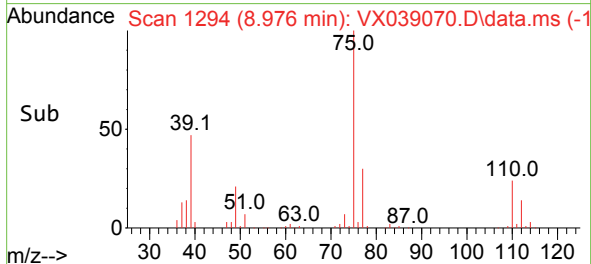
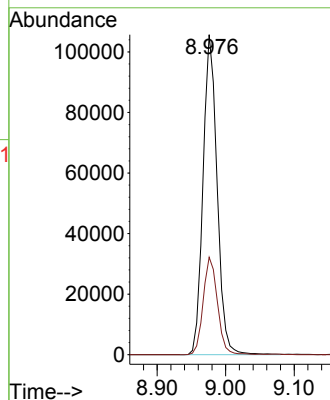
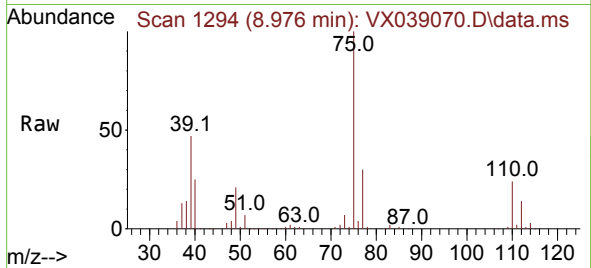




#53
 t-1,3-Dichloropropene
 Concen: 49.827 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX039070.D
 Acq: 30 Nov 2023 15:59

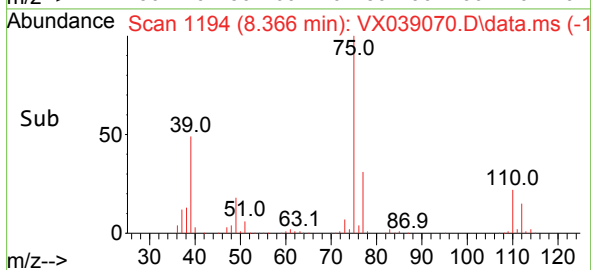
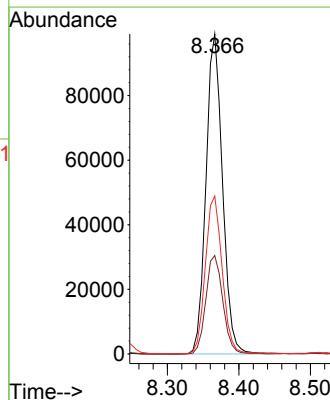
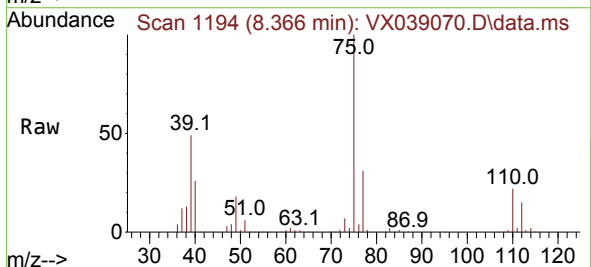
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

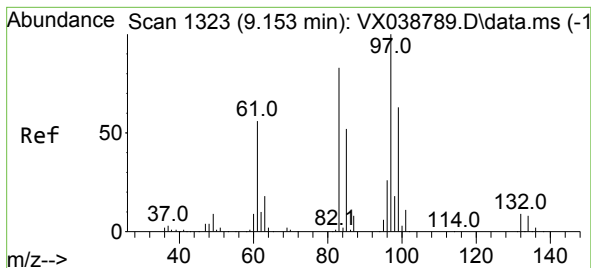
Tgt Ion: 75 Resp: 151363
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 50.708 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX039070.D
 Acq: 30 Nov 2023 15:59

Tgt Ion: 75 Resp: 159111
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.3 37.9
 39 49.4 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 51.787 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 96232

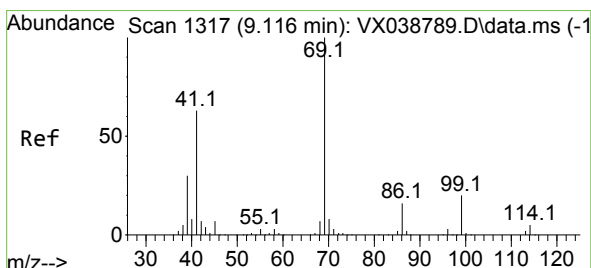
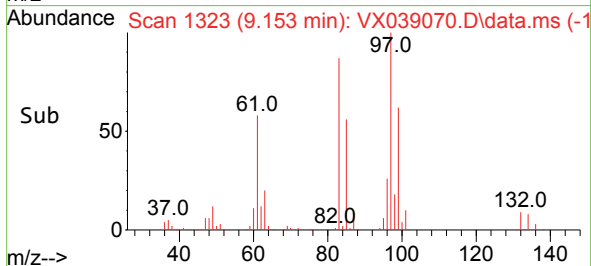
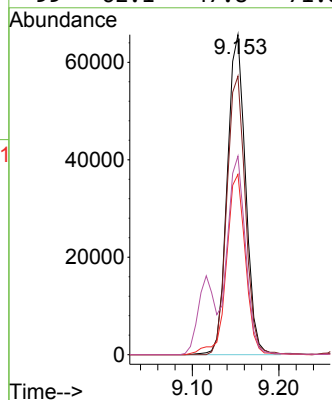
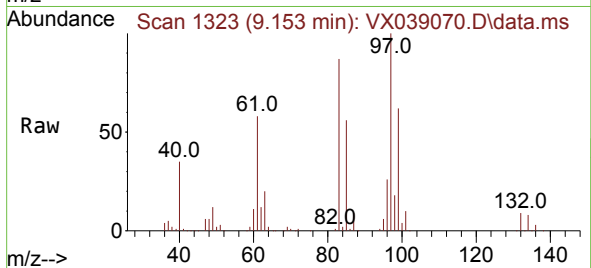
Ion Ratio Lower Upper

97 100

83 87.0 65.8 98.8

85 56.3 41.6 62.4

99 62.1 47.8 71.8



#56

Ethyl methacrylate

Concen: 38.554 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

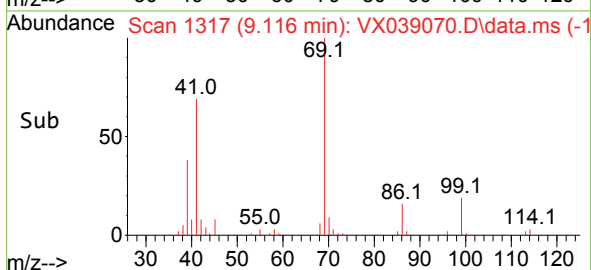
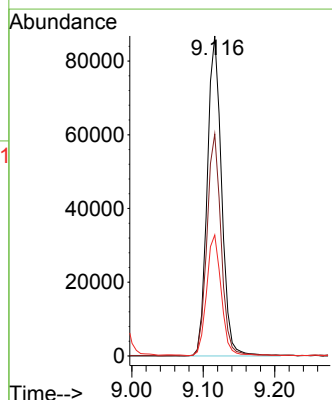
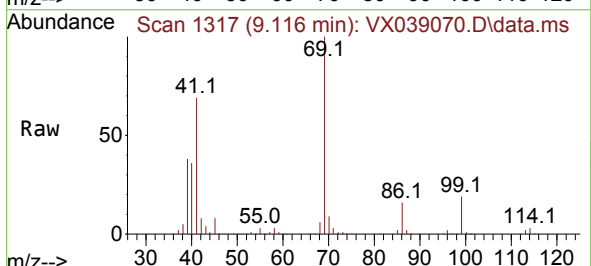
Tgt Ion: 69 Resp: 121217

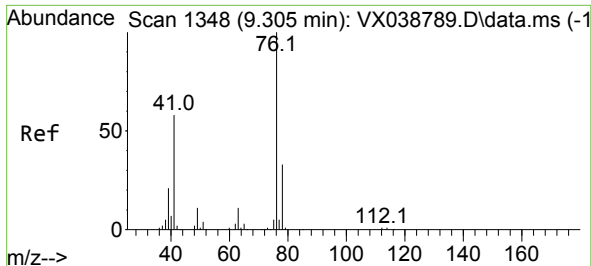
Ion Ratio Lower Upper

69 100

41 68.9 56.8 85.2

39 38.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 53.052 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

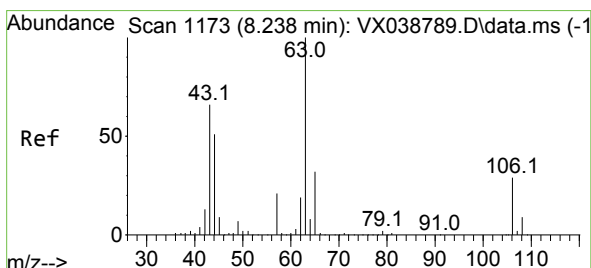
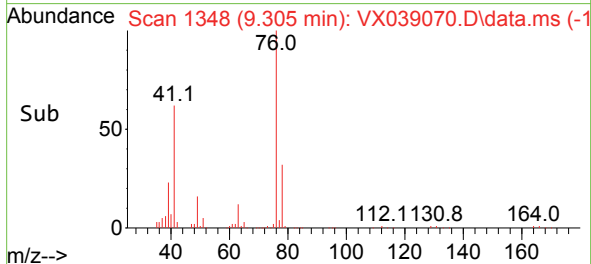
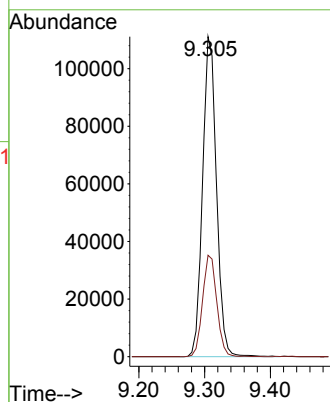
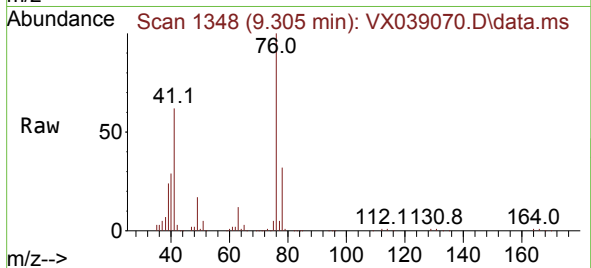
VSTDCCC050EC

Tgt Ion: 76 Resp: 163039

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 233.778 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX039070.D

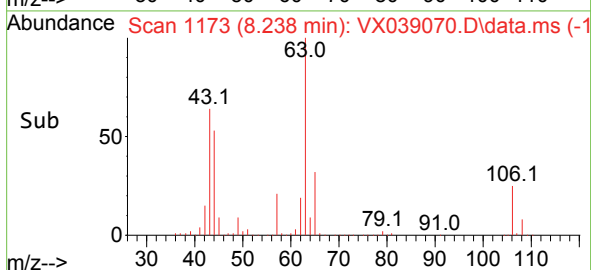
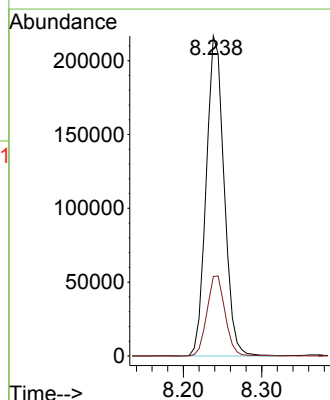
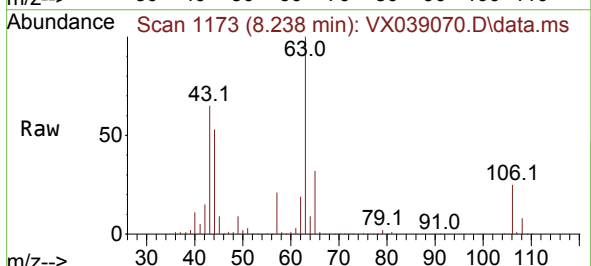
Acq: 30 Nov 2023 15:59

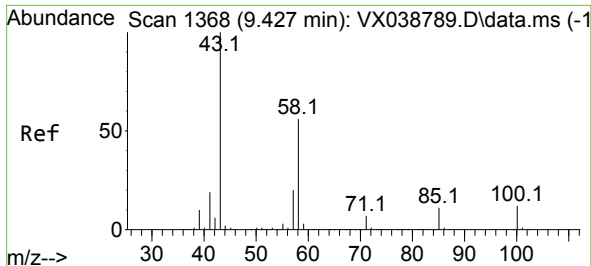
Tgt Ion: 63 Resp: 342399

Ion Ratio Lower Upper

63 100

106 25.4 22.5 33.7

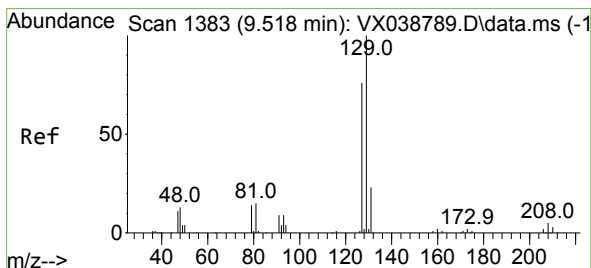
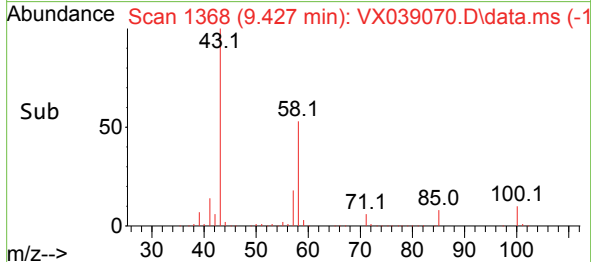
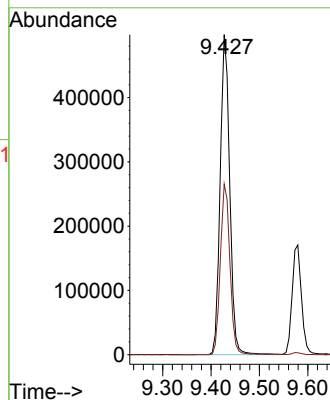
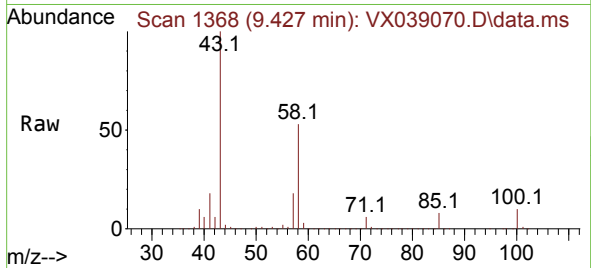




#59
2-Hexanone
Concen: 263.868 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

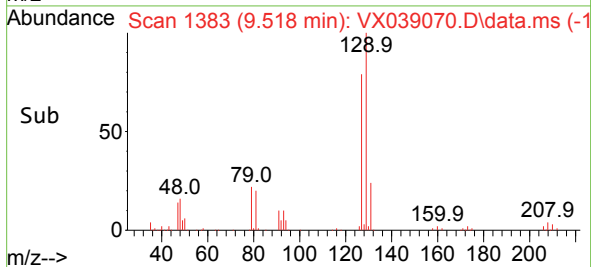
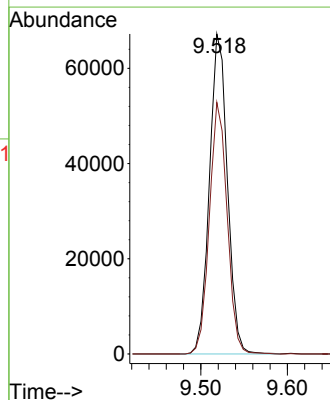
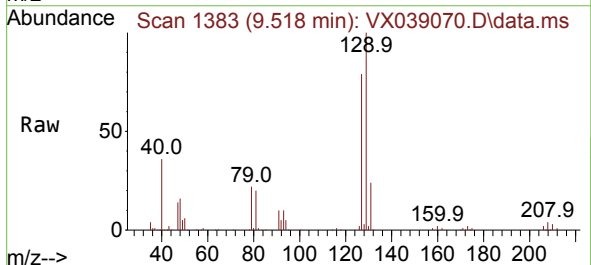
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 682838
Ion Ratio Lower Upper
43 100
58 53.8 26.2 78.5



#60
Dibromochloromethane
Concen: 51.401 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 129 Resp: 97119
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4

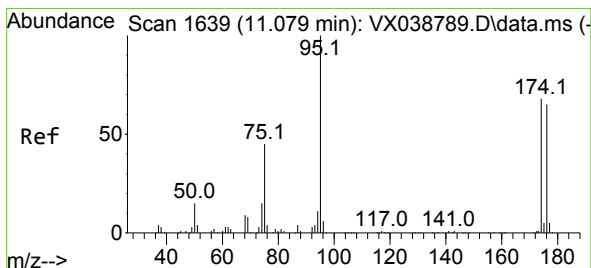
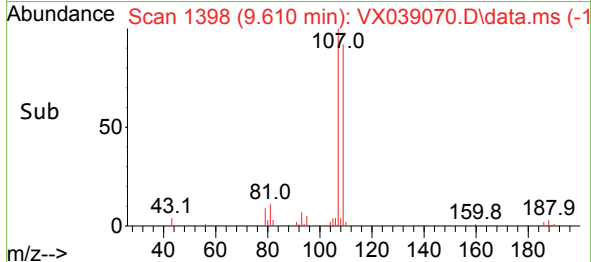
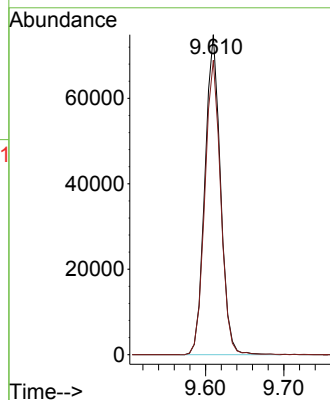
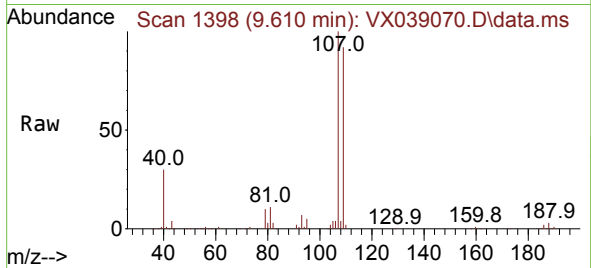




#61
1,2-Dibromoethane
Concen: 52.929 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

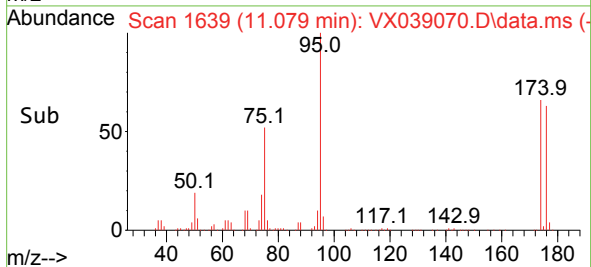
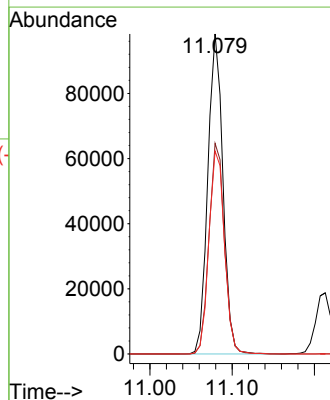
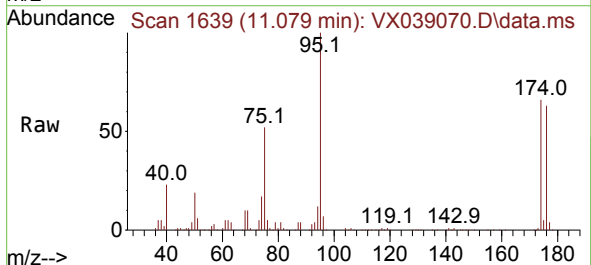
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

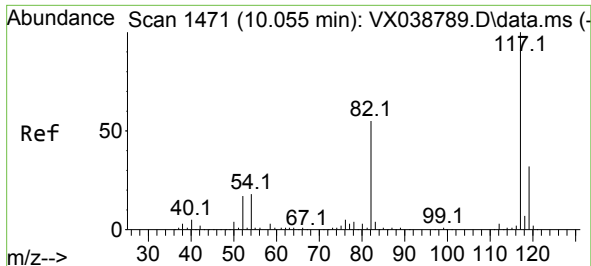
Tgt Ion:107 Resp: 103207
Ion Ratio Lower Upper
107 100
109 93.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 48.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 95 Resp: 125130
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.6
176 65.5 0.0 131.0

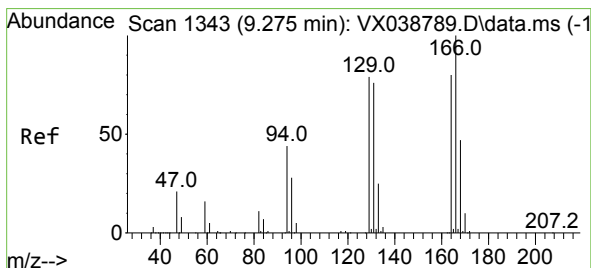
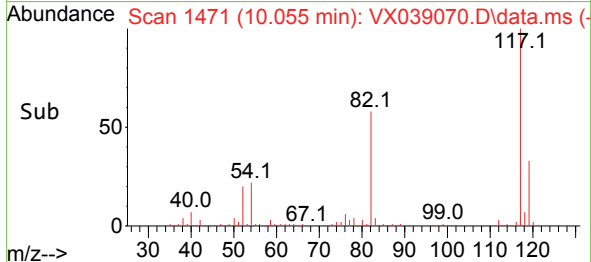
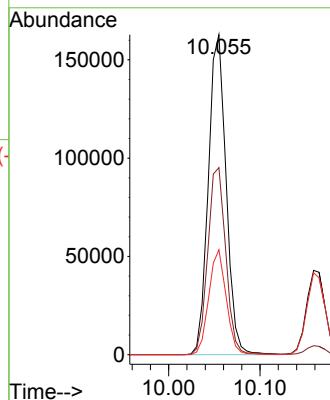
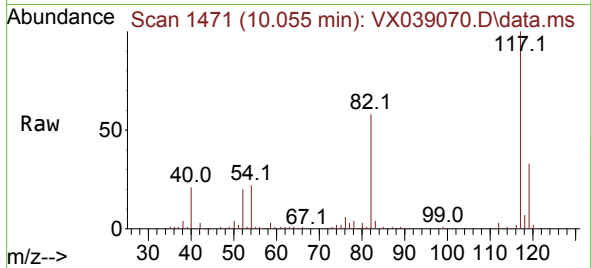




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

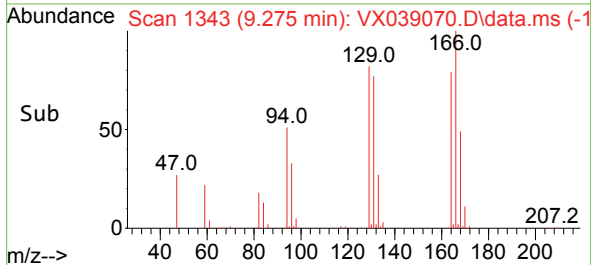
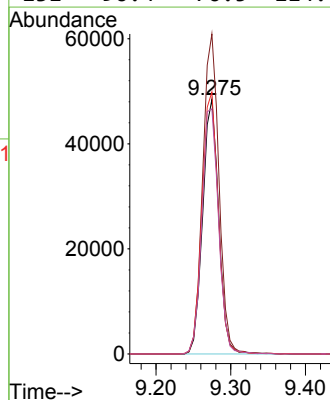
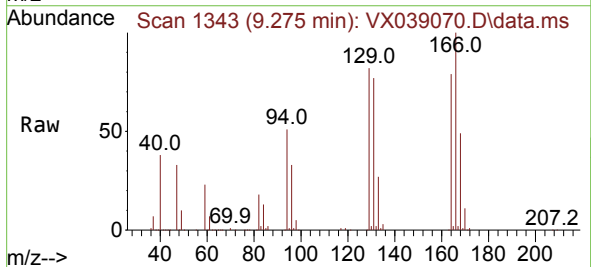
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

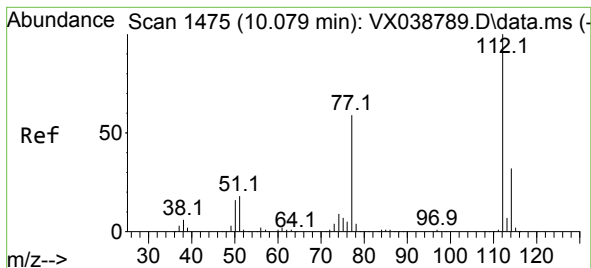
Tgt Ion:117 Resp: 219756
Ion Ratio Lower Upper
117 100
82 58.4 46.2 69.4
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 52.700 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion:164 Resp: 71987
Ion Ratio Lower Upper
164 100
166 125.8 102.7 154.1
129 103.0 80.4 120.6
131 96.4 76.5 114.7





#65

Chlorobenzene

Concen: 51.461 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

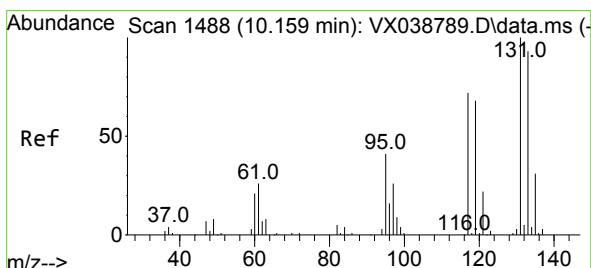
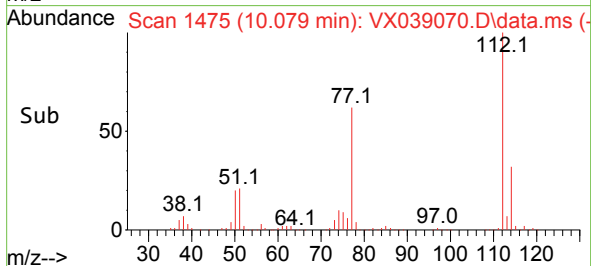
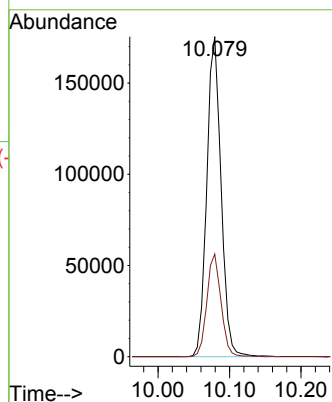
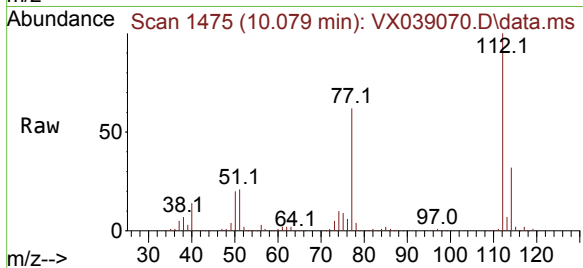
VSTDCCC050EC

Tgt Ion:112 Resp: 243607

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 51.355 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

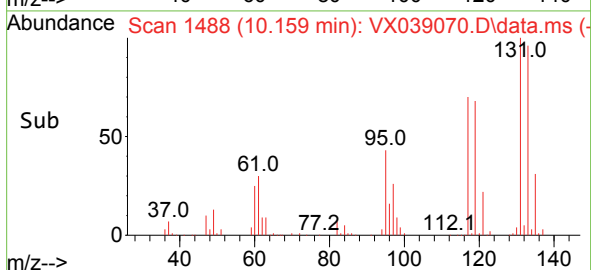
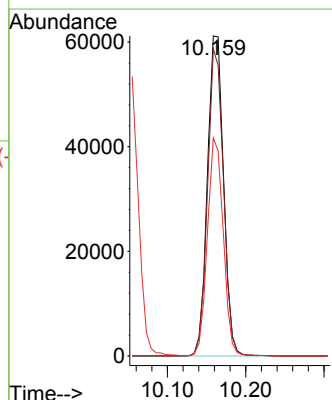
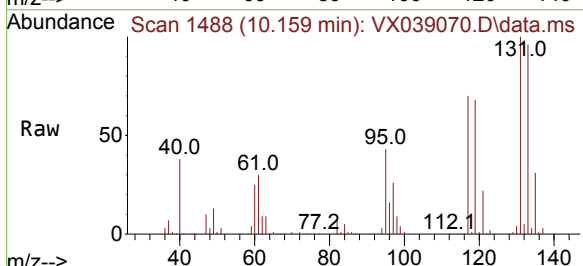
Tgt Ion:131 Resp: 87448

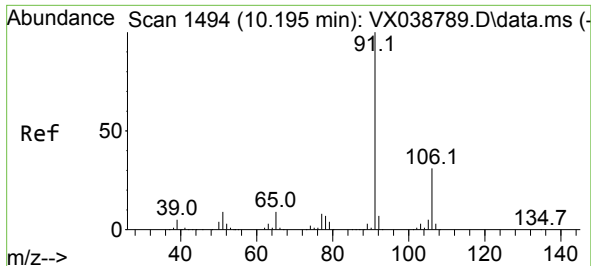
Ion Ratio Lower Upper

131 100

133 94.0 47.1 141.4

119 66.9 32.2 96.6





#67

Ethyl Benzene

Concen: 52.644 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

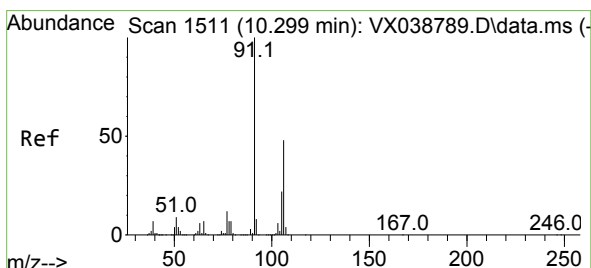
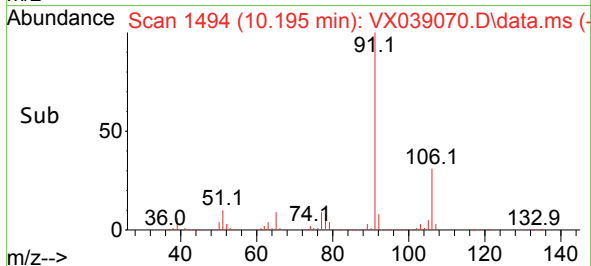
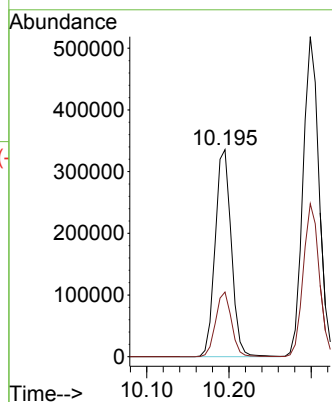
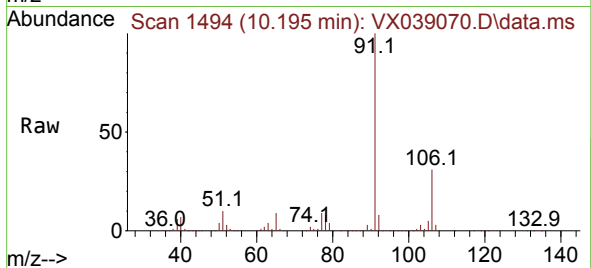
VSTDCCC050EC

Tgt Ion: 91 Resp: 457860

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 102.591 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX039070.D

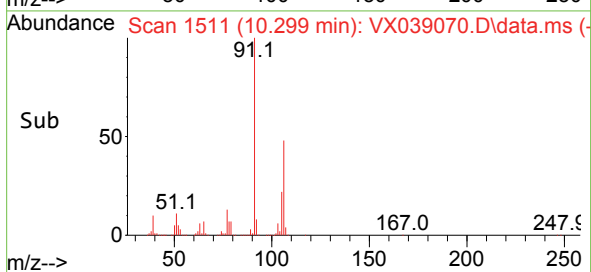
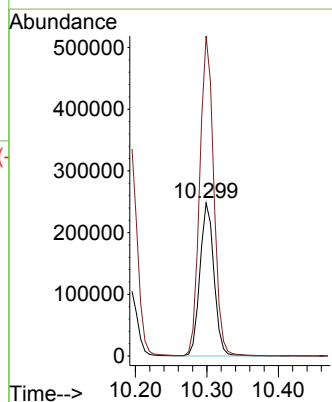
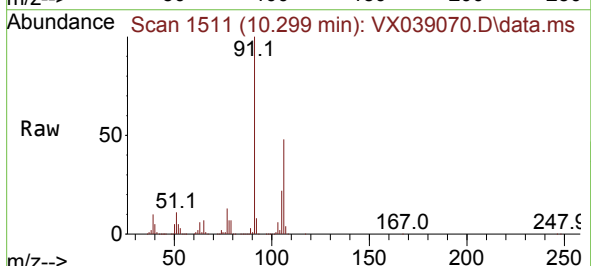
Acq: 30 Nov 2023 15:59

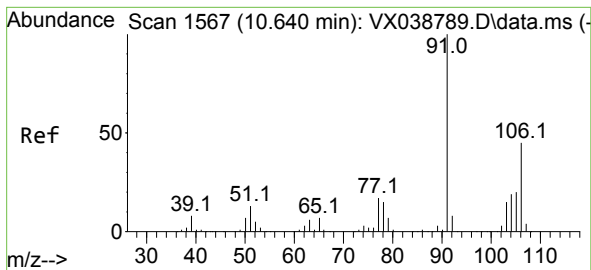
Tgt Ion: 106 Resp: 337517

Ion Ratio Lower Upper

106 100

91 209.2 165.5 248.3





#69

o-Xylene

Concen: 50.295 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

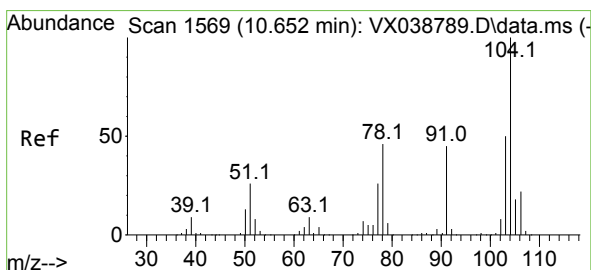
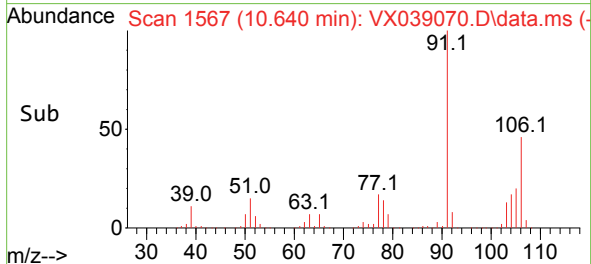
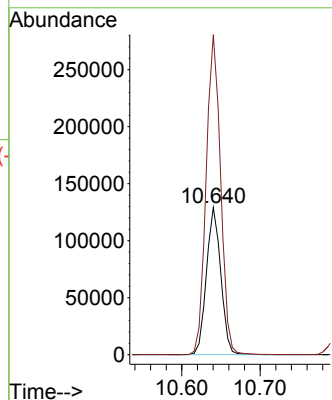
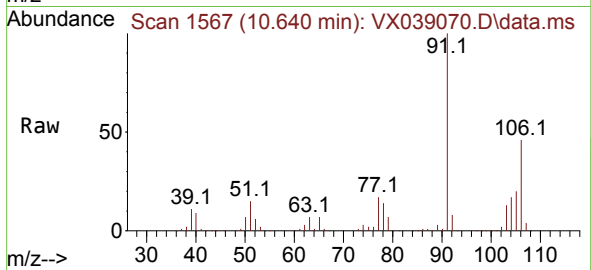
VSTDCCC050EC

Tgt Ion:106 Resp: 163730

Ion Ratio Lower Upper

106 100

91 219.3 108.9 326.8



#70

Styrene

Concen: 44.896 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

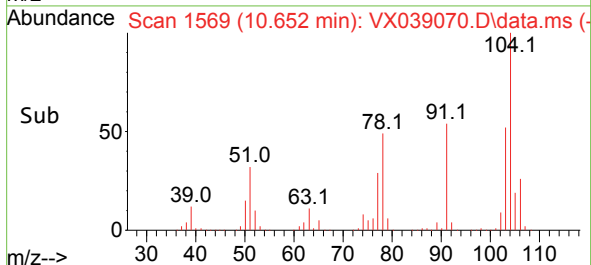
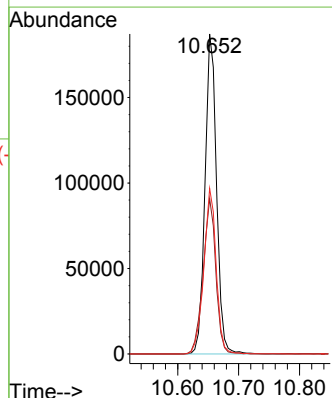
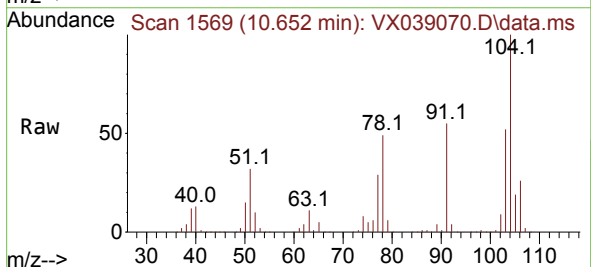
Tgt Ion:104 Resp: 246832

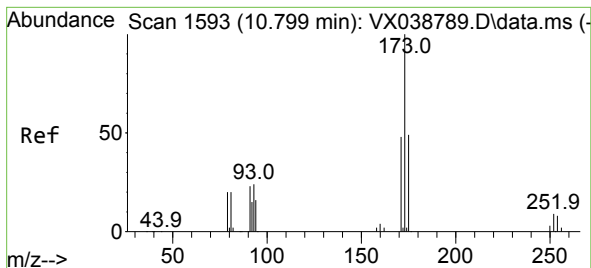
Ion Ratio Lower Upper

104 100

78 53.5 43.6 65.4

103 55.7 43.6 65.4





#71

Bromoform

Concen: 48.223 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

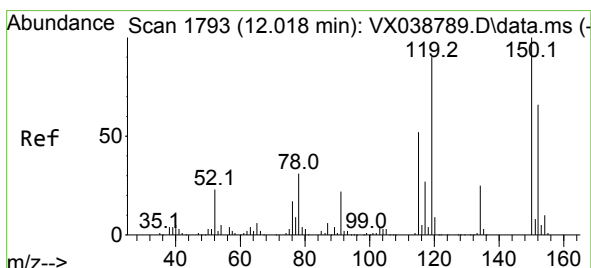
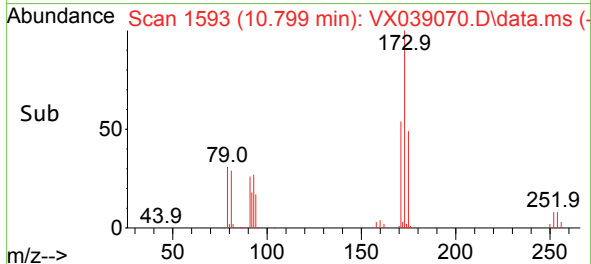
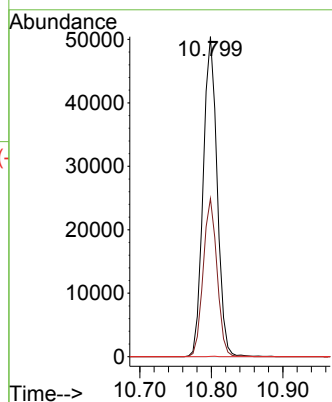
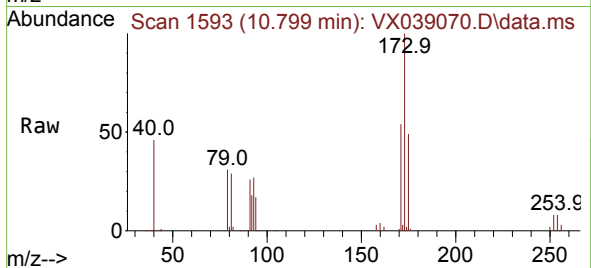
Tgt Ion:173 Resp: 68455

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

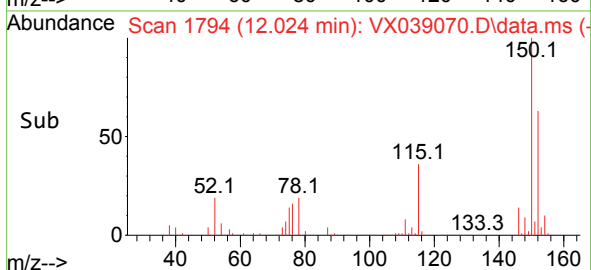
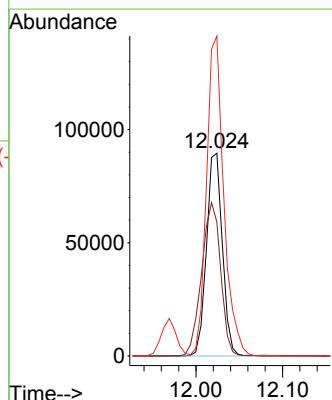
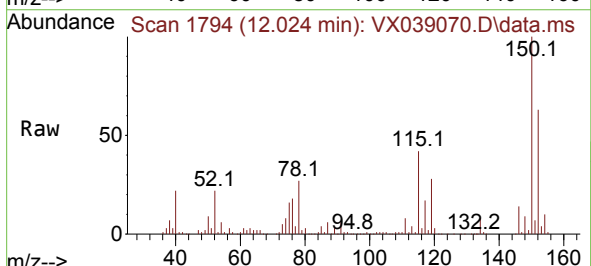
Tgt Ion:152 Resp: 113818

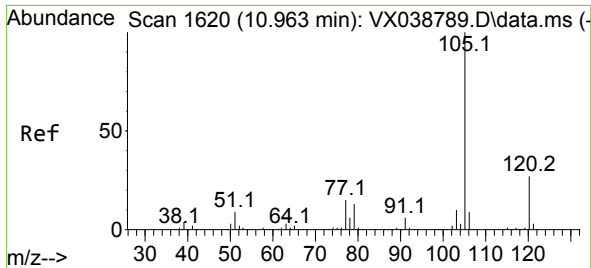
Ion Ratio Lower Upper

152 100

115 90.7 43.3 129.9

150 172.0 0.0 345.0

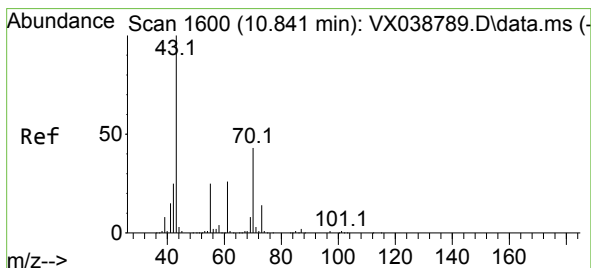
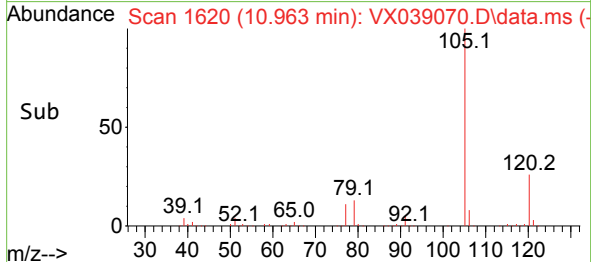
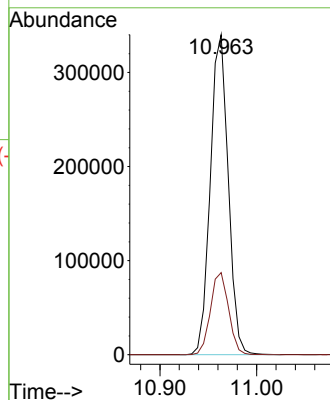
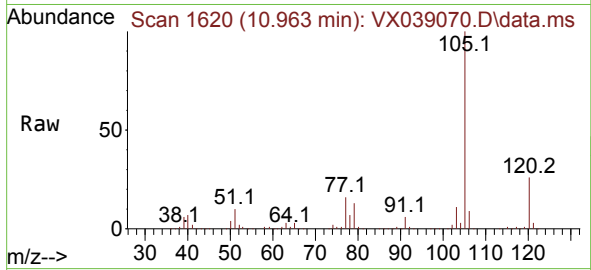




#73
Isopropylbenzene
Concen: 49.406 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

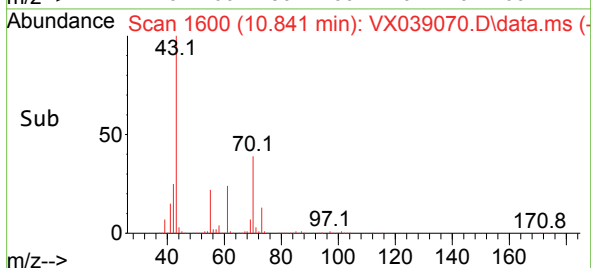
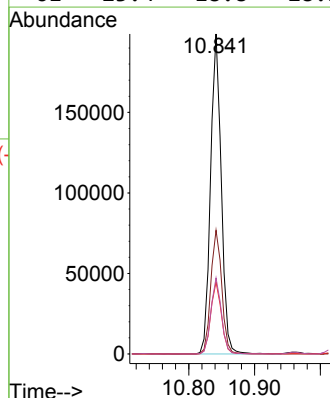
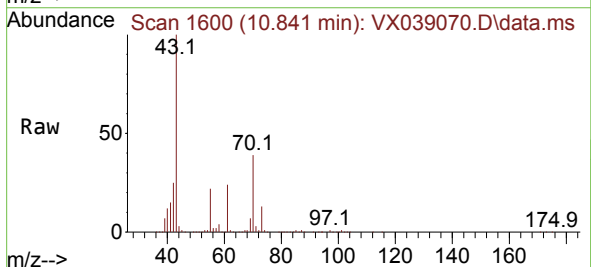
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 438133
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6



#74
N-ethyl acetate
Concen: 47.998 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 43 Resp: 225005
Ion Ratio Lower Upper
43 100
70 39.6 32.9 49.3
55 22.5 19.3 28.9
61 23.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.062 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

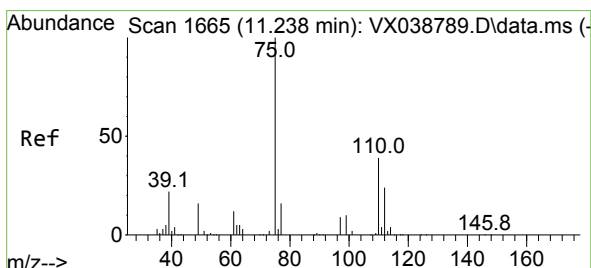
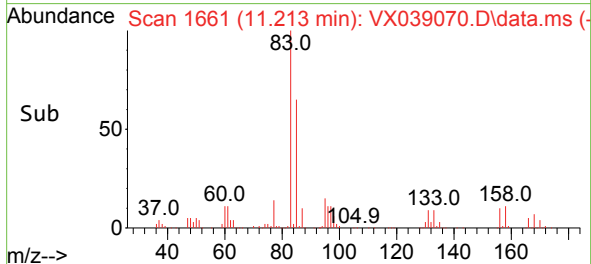
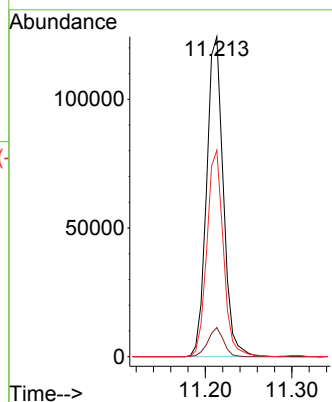
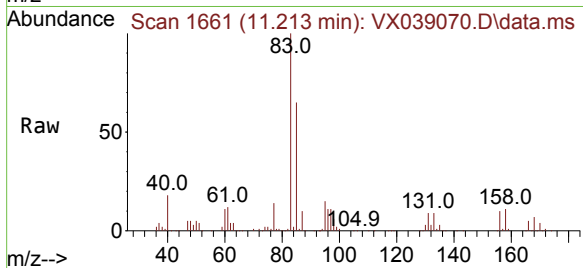
Tgt Ion: 83 Resp: 166379

Ion Ratio Lower Upper

83 100

131 8.6 5.3 15.8

85 63.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 67.634 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX039070.D

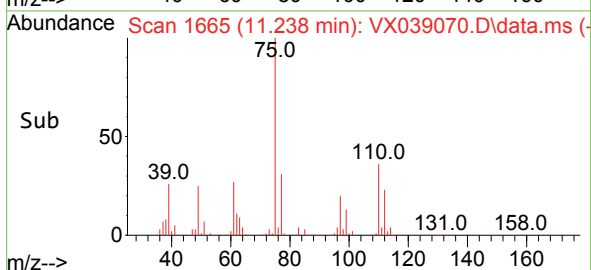
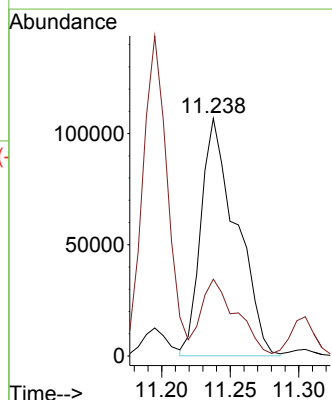
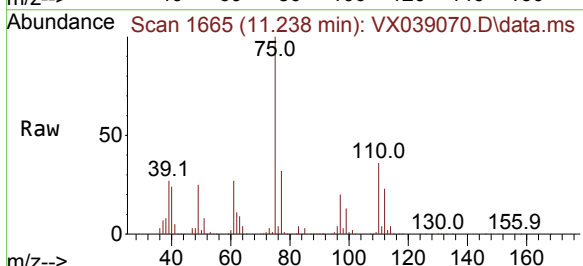
Acq: 30 Nov 2023 15:59

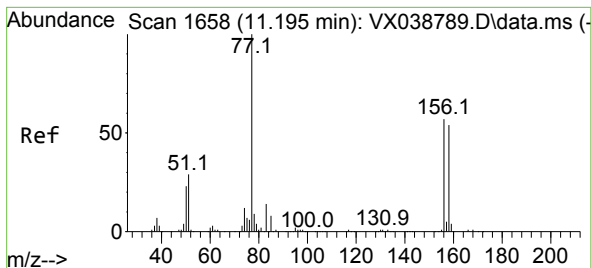
Tgt Ion: 75 Resp: 192063

Ion Ratio Lower Upper

75 100

77 32.3 19.1 57.5





#77

Bromobenzene

Concen: 48.683 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

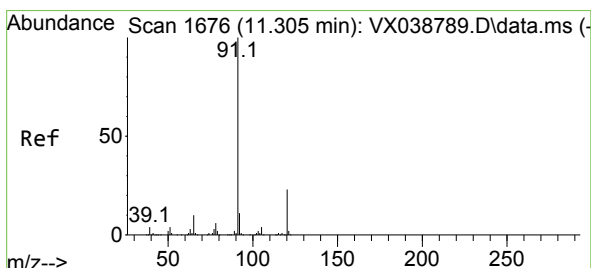
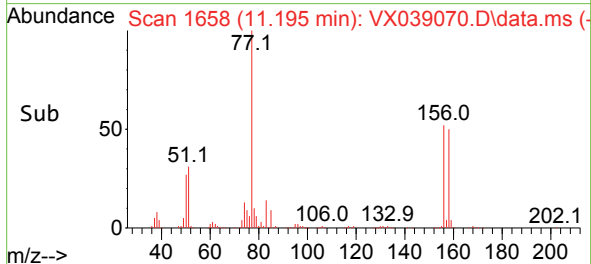
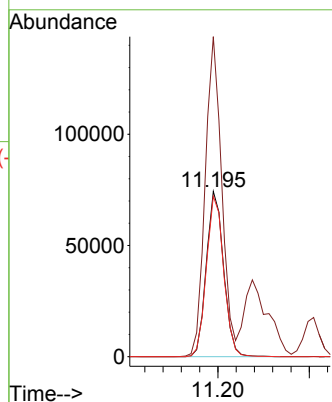
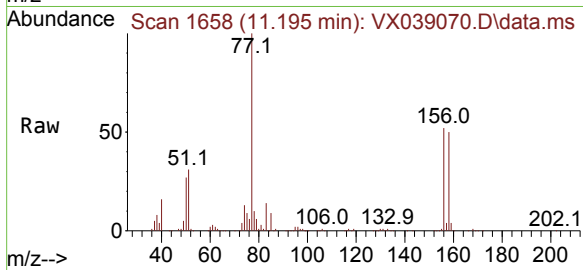
Tgt Ion:156 Resp: 97008

Ion Ratio Lower Upper

156 100

77 186.2 88.4 265.3

158 97.6 48.0 144.0



#78

n-propylbenzene

Concen: 48.965 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX039070.D

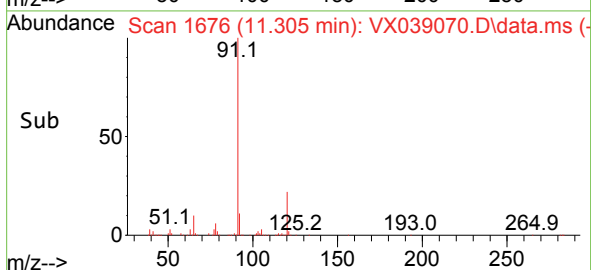
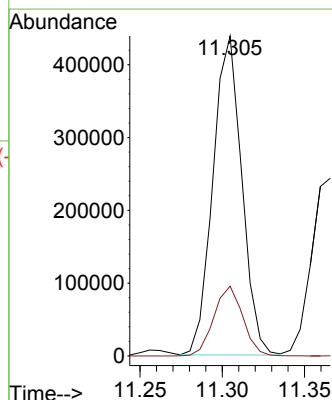
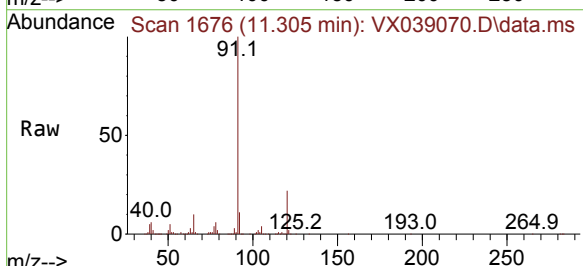
Acq: 30 Nov 2023 15:59

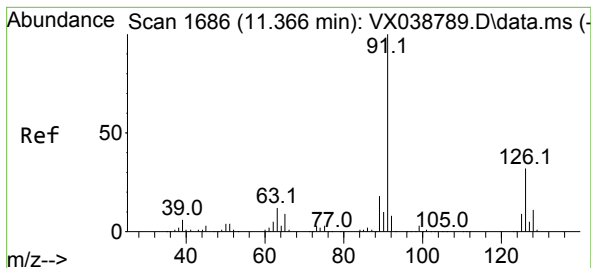
Tgt Ion: 91 Resp: 534488

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4

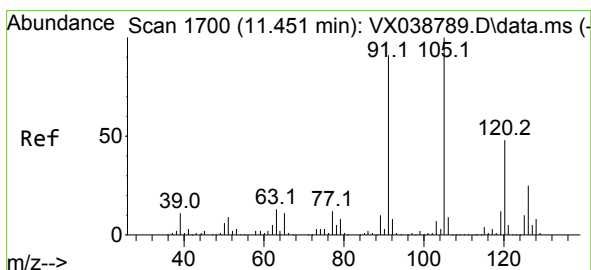
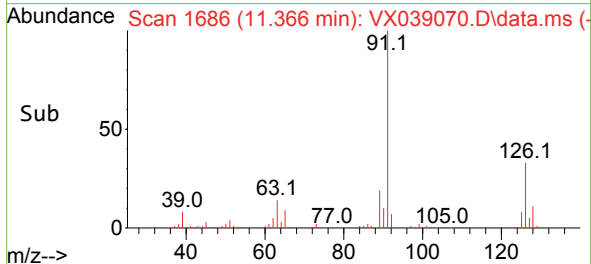
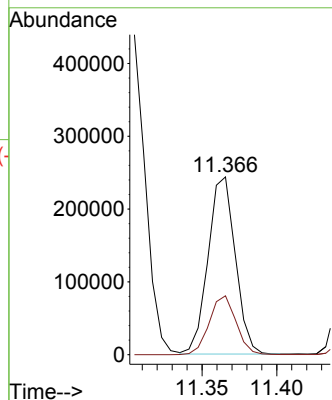
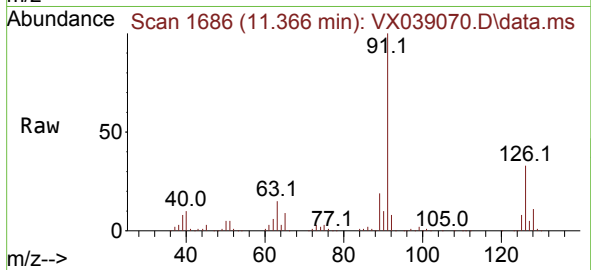




#79
2-Chlorotoluene
Concen: 47.714 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

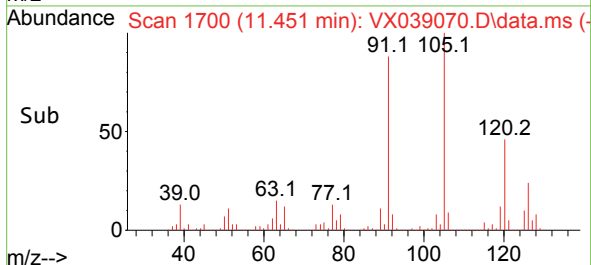
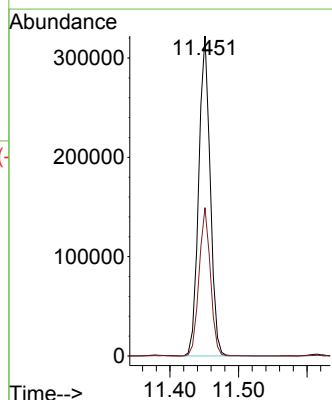
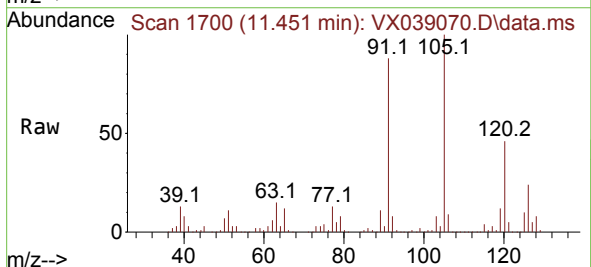
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

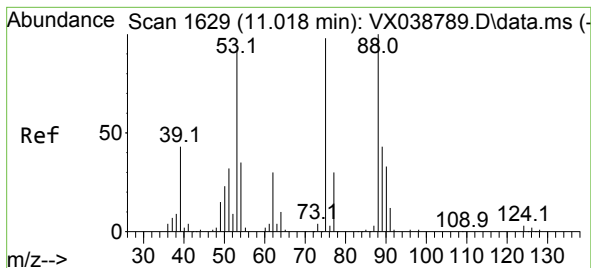
Tgt Ion: 91 Resp: 309093
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 50.375 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 105 Resp: 375617
Ion Ratio Lower Upper
105 100
120 45.9 24.1 72.3

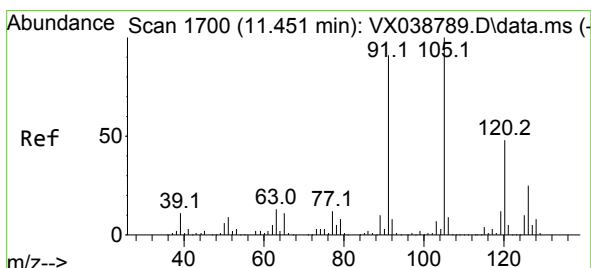
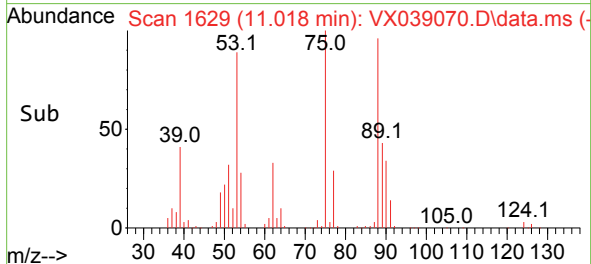
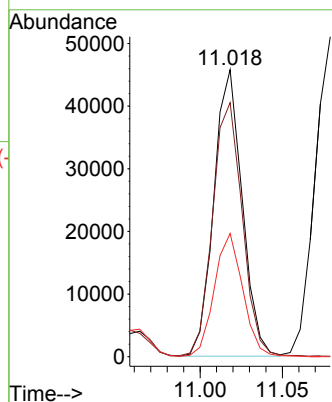
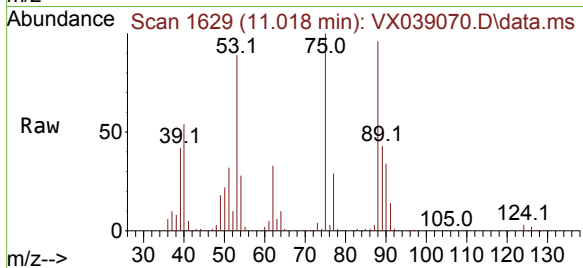




#81
trans-1,4-Dichloro-2-butene
Concen: 42.846 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

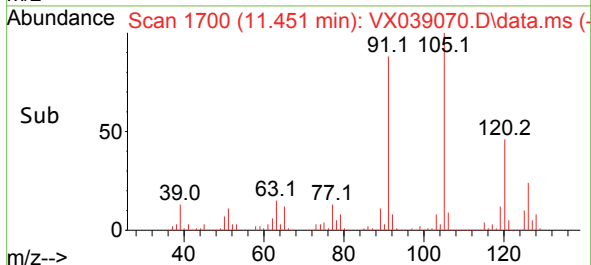
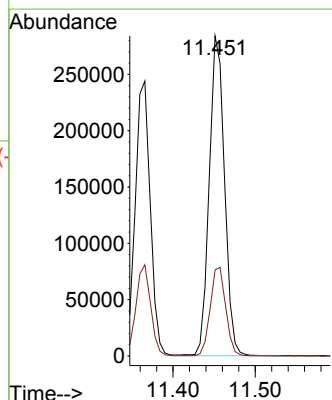
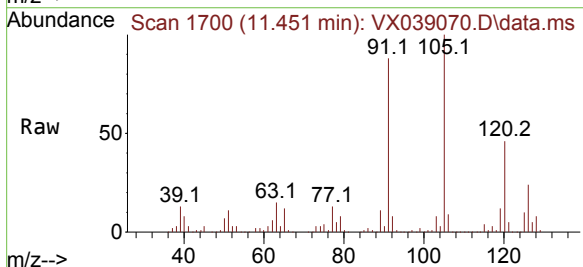
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

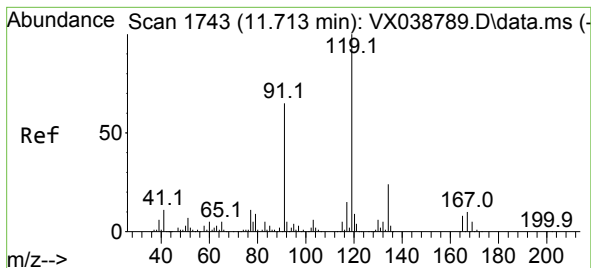
Tgt Ion: 75 Resp: 54854
Ion Ratio Lower Upper
75 100
53 92.8 90.5 135.7
89 43.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.093 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 91 Resp: 366698
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6

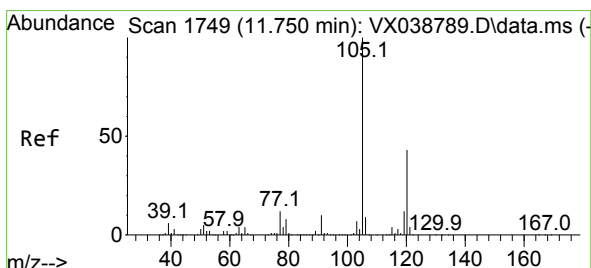
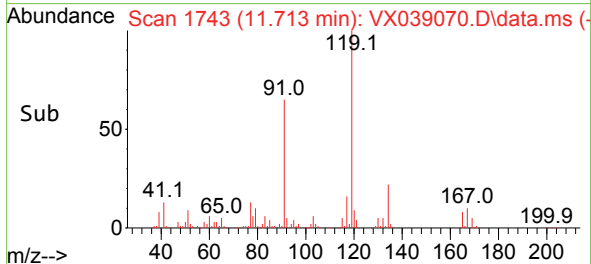
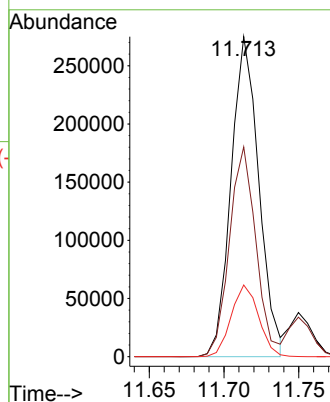
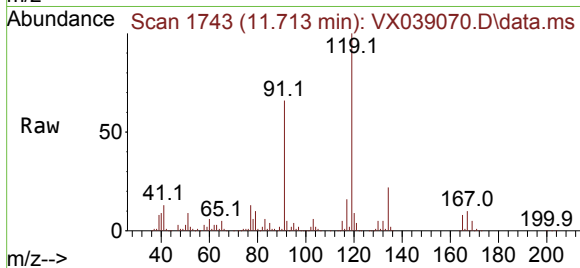




#83
tert-Butylbenzene
Concen: 48.476 ug/l
RT: 11.713 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

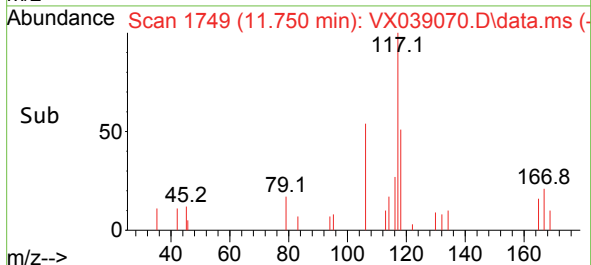
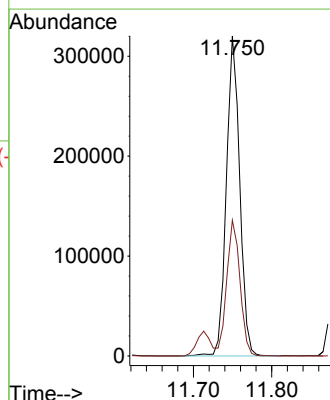
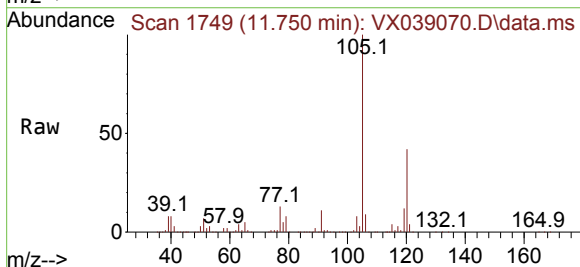
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

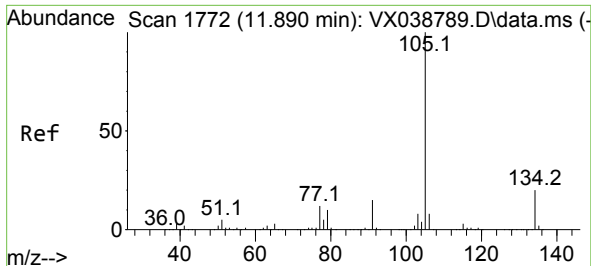
Tgt Ion:119 Resp: 355988
Ion Ratio Lower Upper
119 100
91 62.6 31.2 93.6
134 22.1 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 50.398 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion:105 Resp: 380356
Ion Ratio Lower Upper
105 100
120 41.8 21.2 63.6

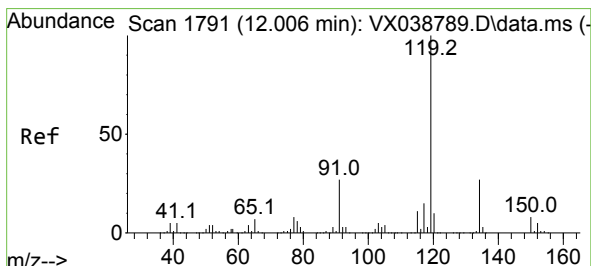
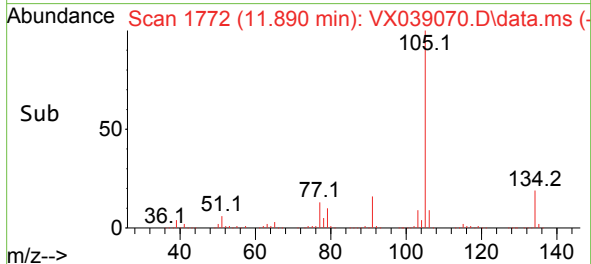
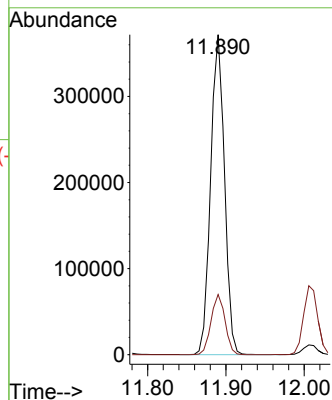
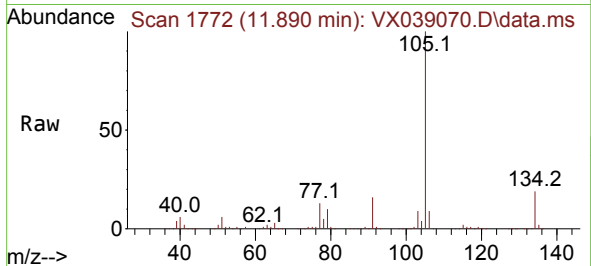




#85
sec-Butylbenzene
Concen: 47.404 ug/l
RT: 11.890 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

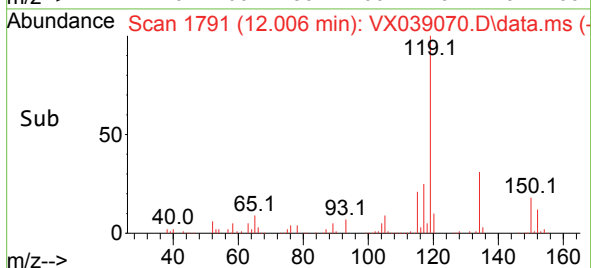
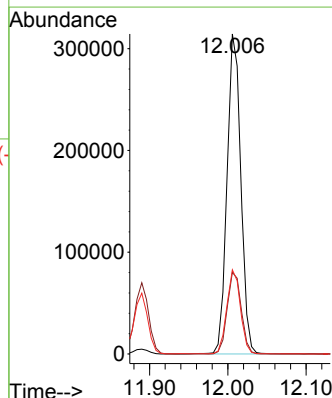
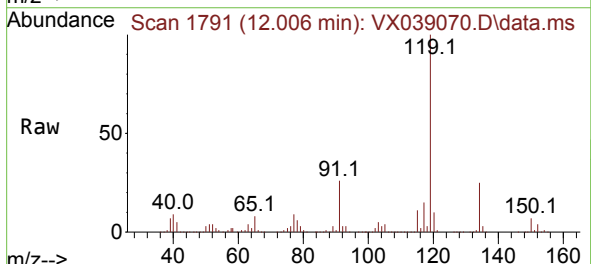
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

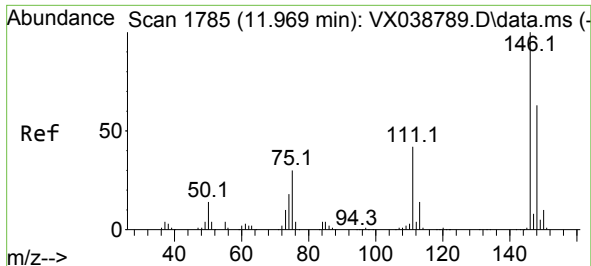
Tgt Ion:105 Resp: 455350
Ion Ratio Lower Upper
105 100
134 19.0 9.8 29.4



#86
p-Isopropyltoluene
Concen: 49.981 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion:119 Resp: 385398
Ion Ratio Lower Upper
119 100
134 26.1 12.8 38.3
91 26.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.574 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

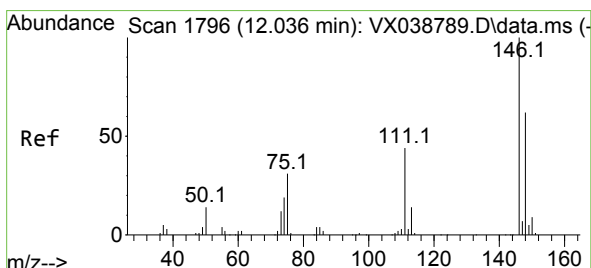
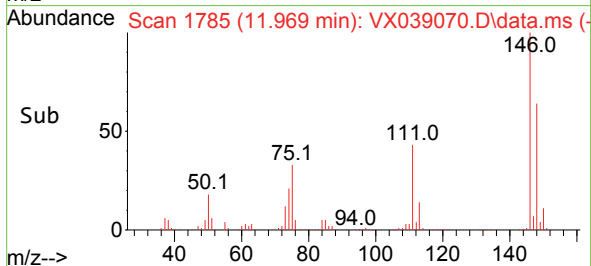
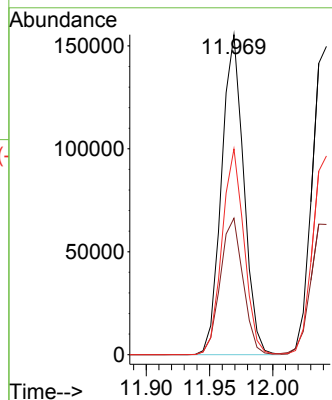
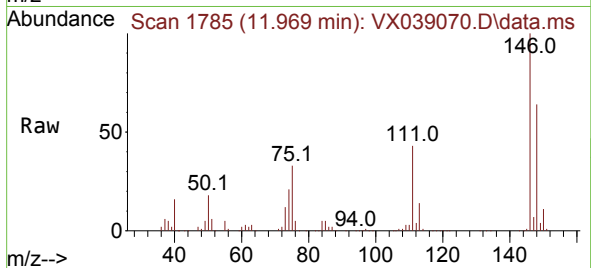
Tgt Ion:146 Resp: 189535

Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.563 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

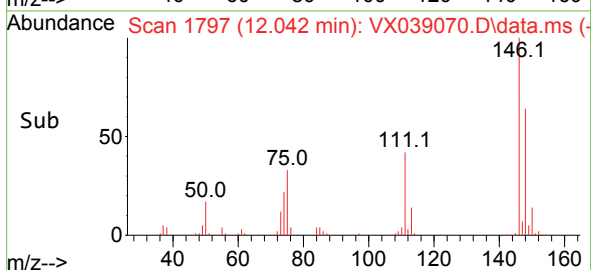
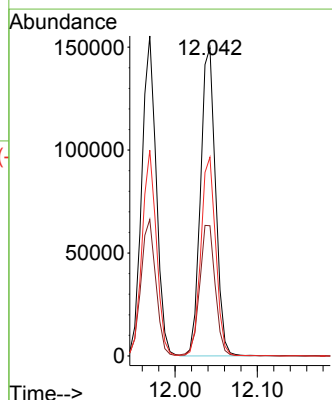
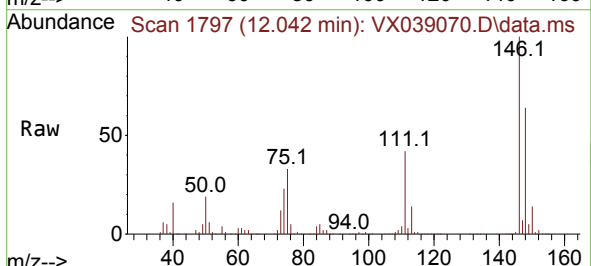
Tgt Ion:146 Resp: 189953

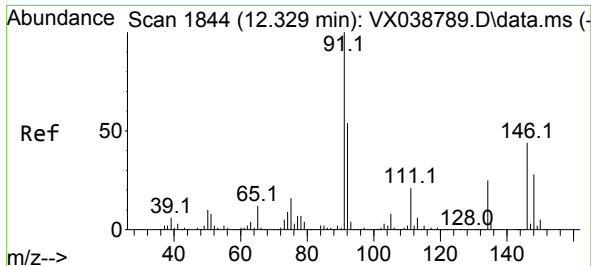
Ion Ratio Lower Upper

146 100

111 43.9 21.3 63.7

148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 48.878 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

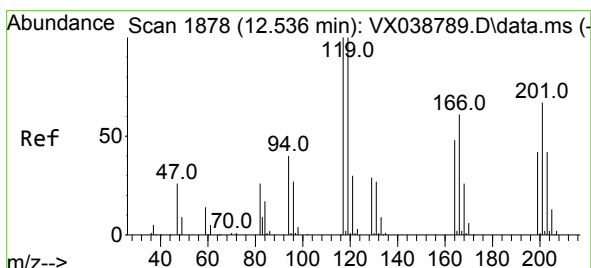
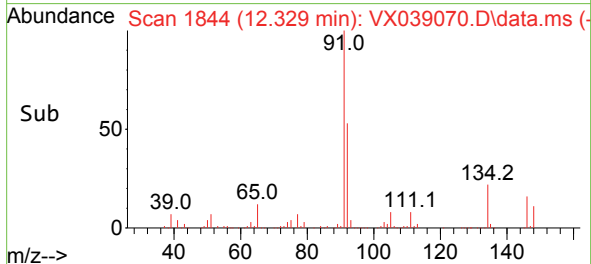
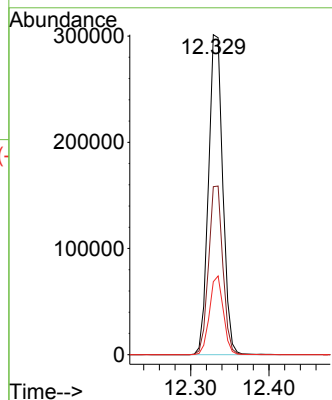
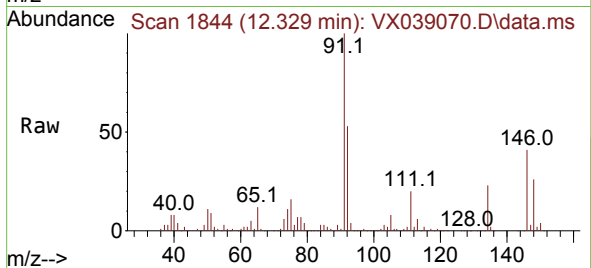
Tgt Ion: 91 Resp: 380263

Ion Ratio Lower Upper

91 100

92 52.6 27.4 82.0

134 23.8 12.6 37.8



#90

Hexachloroethane

Concen: 47.004 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX039070.D

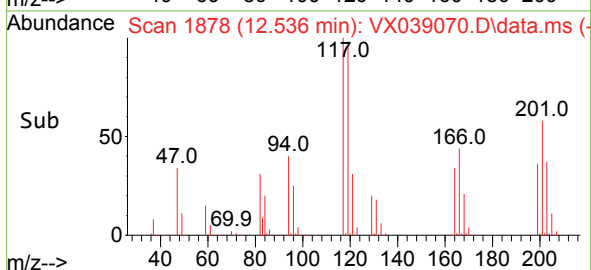
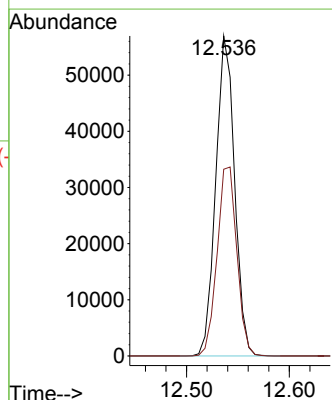
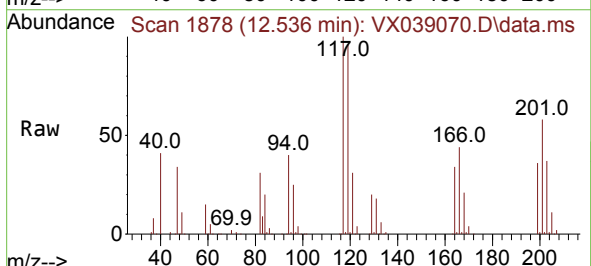
Acq: 30 Nov 2023 15:59

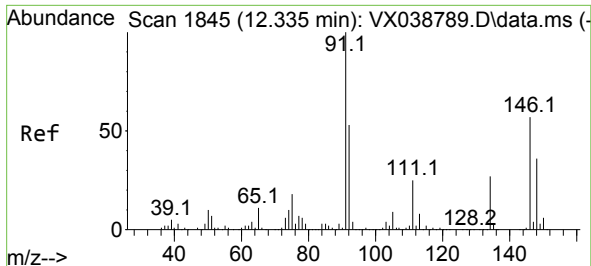
Tgt Ion: 117 Resp: 72379

Ion Ratio Lower Upper

117 100

201 62.0 32.9 98.6

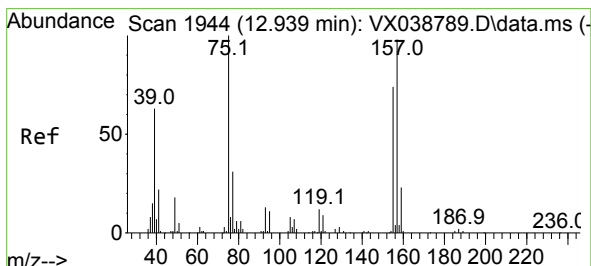
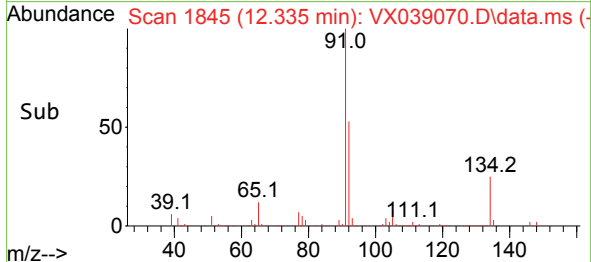
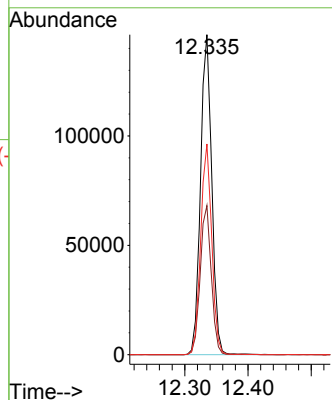
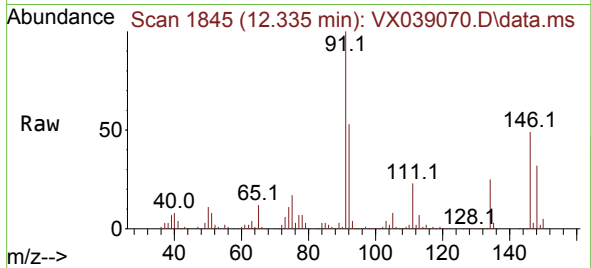




#91
1,2-Dichlorobenzene
Concen: 48.940 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

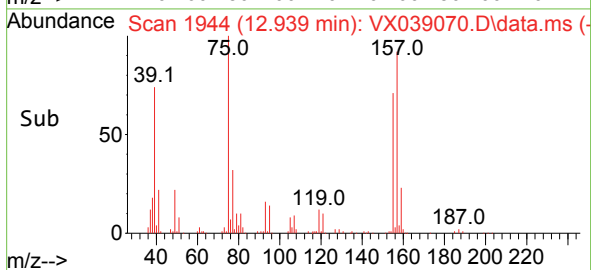
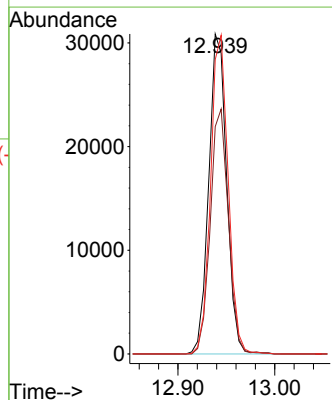
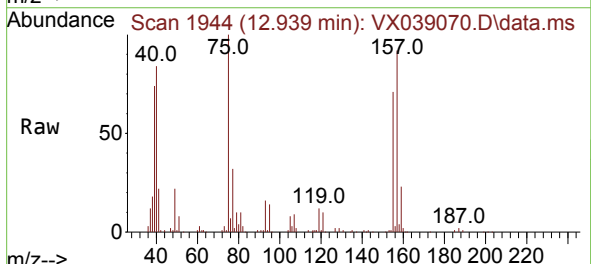
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

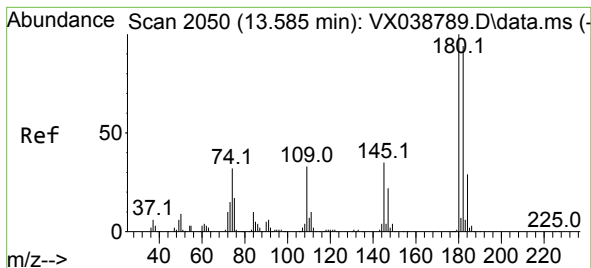
Tgt Ion:146 Resp: 181123
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.0
148 64.8 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.002 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX039070.D
Acq: 30 Nov 2023 15:59

Tgt Ion: 75 Resp: 39864
Ion Ratio Lower Upper
75 100
155 77.2 36.1 108.5
157 97.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.585 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

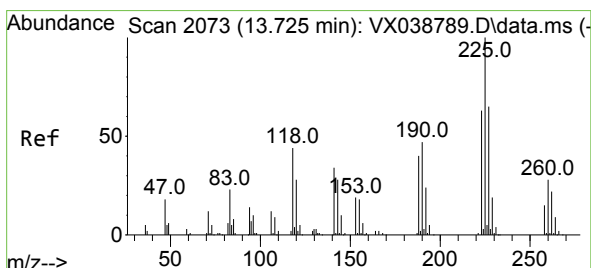
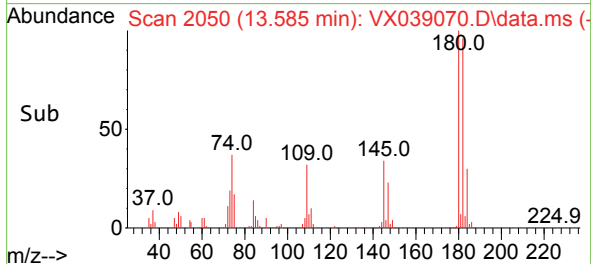
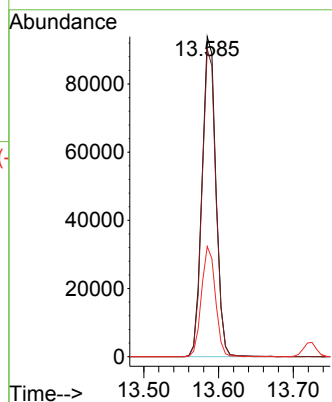
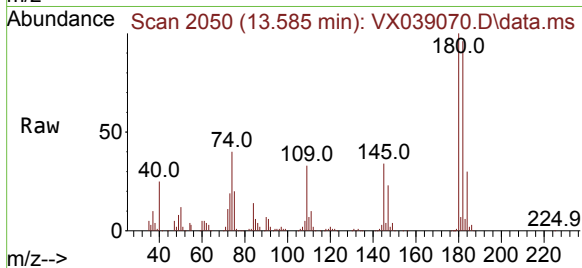
Tgt Ion:180 Resp: 120495

Ion Ratio Lower Upper

180 100

182 96.2 48.3 144.8

145 34.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 49.292 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

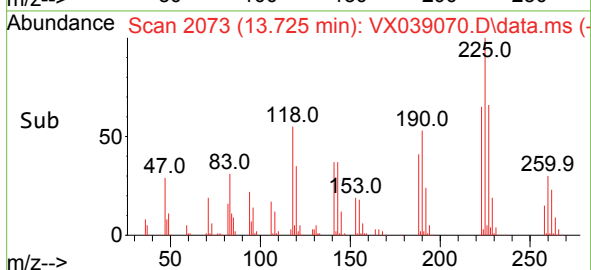
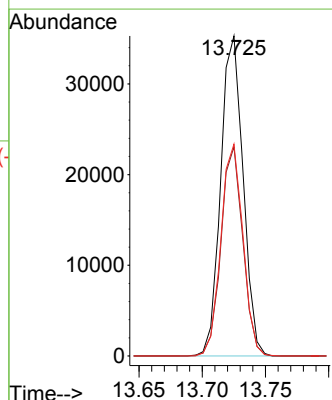
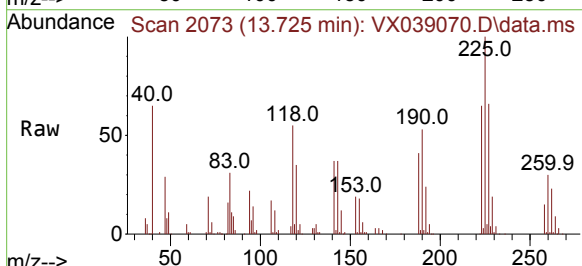
Tgt Ion:225 Resp: 43291

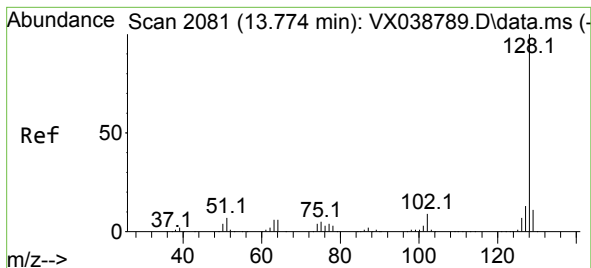
Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.2

227 65.3 32.5 97.5





#95

Naphthalene

Concen: 47.191 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

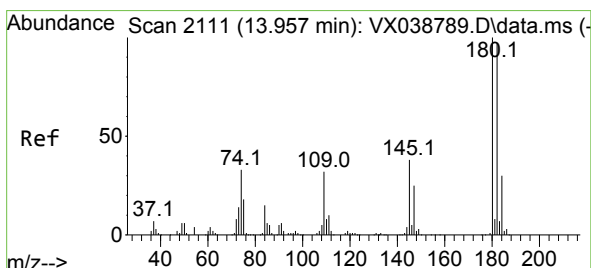
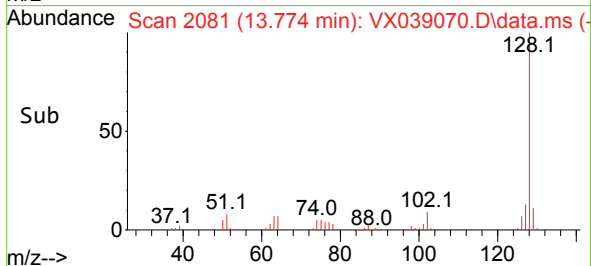
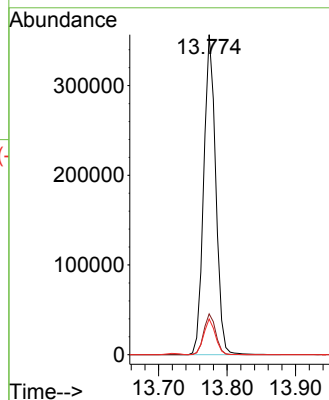
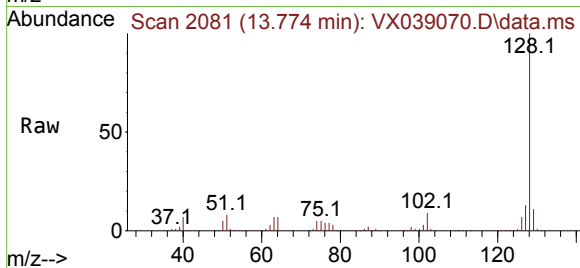
Tgt Ion:128 Resp: 435889

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.879 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039070.D

Acq: 30 Nov 2023 15:59

Tgt Ion:180 Resp: 117264

Ion Ratio Lower Upper

180 100

182 93.8 46.9 140.6

145 36.5 17.8 53.5

