

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037452.D
 Acq On : 31 Aug 2023 23:57
 Operator : JC/MD
 Sample : 04232-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 01 03:20:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	158241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120974	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92543	40.565	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.140%
35) Dibromofluoromethane	5.385	113	75721	43.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.780%
50) Toluene-d8	8.659	98	317374	50.713	ug/l	0.01
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.420%
62) 4-Bromofluorobenzene	11.079	95	120203	48.875	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.740%

Target Compounds			Qvalue			
3) Chloromethane	1.301	50	716	0.445	ug/l #	76
6) Chloroethane	1.672	64	338	0.328	ug/l #	43
8) Diethyl Ether	2.136	74	447	0.403	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.319	101	10798	6.455	ug/l	94
11) Tert butyl alcohol	3.026	59	34739	64.915	ug/l #	91
13) Acrolein	2.245	56	1308	3.213	ug/l	96
14) Allyl chloride	2.605	41	25063	9.941	ug/l #	73
15) Acrylonitrile	3.008	53	373	0.391	ug/l #	23
16) Acetone	2.404	43	416644	466.840	ug/l #	84
18) Methyl Acetate	2.715	43	10754	3.200	ug/l #	82
19) Methyl tert-butyl Ether	3.123	73	243031	39.339	ug/l	99
20) Methylene Chloride	2.788	84	937	0.469	ug/l #	75
22) Diisopropyl ether	3.763	45	46520	8.992	ug/l #	66
23) Vinyl Acetate	3.770	43	23850	6.016	ug/l #	73
25) 2-Butanone	4.568	43	104905	78.066	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	854	0.391	ug/l #	1
29) Tetrahydrofuran	5.038	42	2541	2.965	ug/l #	82
30) Chloroform	5.172	83	3816	1.048	ug/l #	19
31) Cyclohexane	5.471	56	144252	56.235	ug/l	87
36) 1,1-Dichloropropene	5.550	75	11763	4.799	ug/l #	51
37) Ethyl Acetate	4.715	43	800446	319.685	ug/l #	91
38) Carbon Tetrachloride	5.550	117	16882	6.340	ug/l #	15
39) Methylcyclohexane	7.379	83	204382	79.363	ug/l	92
40) Benzene	6.037	78	6554965	932.442	ug/l	98
41) Methacrylonitrile	5.080	41	4183	3.214	ug/l #	39
42) 1,2-Dichloroethane	6.037	62	54333	19.709	ug/l #	77
43) Isopropyl Acetate	6.342	43	19168	4.822	ug/l #	38
44) Trichloroethene	7.123	130	84784	42.533	ug/l	95
45) 1,2-Dichloropropane	7.379	63	1794	1.035	ug/l #	1
47) Bromodichloromethane	7.775	83	1104	0.422	ug/l #	47
48) Methyl methacrylate	7.653	41	15244	7.863	ug/l #	37
51) 4-Methyl-2-Pentanone	8.610	43	14005	5.802	ug/l	94
52) Toluene	8.756	92	22032073	4743.390	ug/l #	73
53) t-1,3-Dichloropropene	8.750	75	357232	128.277	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	28472	15.054	ug/l #	20
56) Ethyl methacrylate	9.104	69	6058	2.045	ug/l #	54

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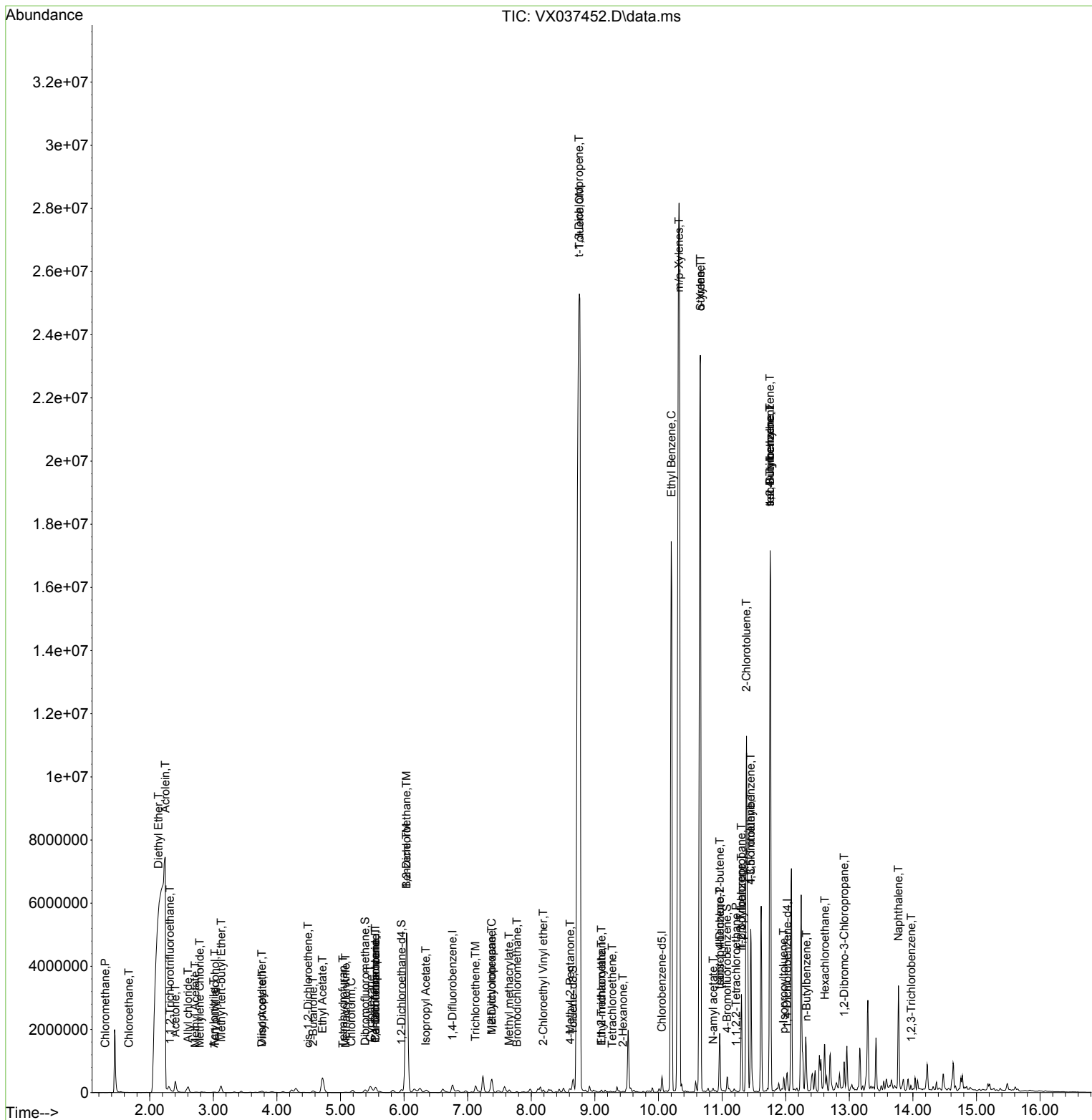
Instrument :
 MSVOA_X
 ClientSampleId :

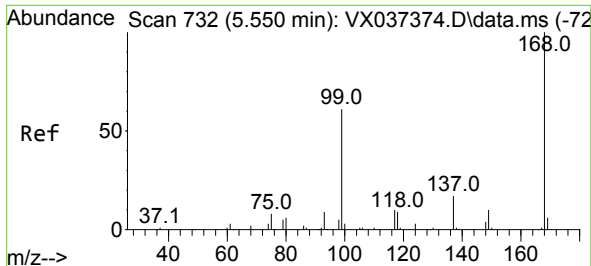
Quant Time: Sep 01 03:20:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	8.190	63	743	0.523	ug/l #	47
59) 2-Hexanone	9.439	43	9523	5.174	ug/l	73
64) Tetrachloroethene	9.275	164	666	0.377	ug/l	93
67) Ethyl Benzene	10.201	91	10566314	1174.255	ug/l #	75
68) m/p-Xylenes	10.323	106	11462122	3298.523	ug/l #	67
69) o-Xylene	10.659	106	7285292	2124.981	ug/l	70
70) Styrene	10.659	104	436033	77.209	ug/l #	1
73) Isopropylbenzene	10.963	105	963104	109.531	ug/l	97
74) N-amyl acetate	10.860	43	8852	2.591	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.219	83	3866	1.306	ug/l #	26
76) 1,2,3-Trichloropropane	11.305	75	11006	4.272	ug/l #	1
78) n-propylbenzene	11.305	91	1870110	191.000	ug/l	97
79) 2-Chlorotoluene	11.384	91	1031396	164.840	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	2262045	308.393	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.963	75	11328	12.281	ug/l #	61
82) 4-Chlorotoluene	11.451	91	241795	33.478	ug/l #	47
83) tert-Butylbenzene	11.756	119	1160299	165.869	ug/l #	65
84) 1,2,4-Trimethylbenzene	11.756	105	7763644	1047.298	ug/l	84
85) sec-Butylbenzene	11.756	105	7763644	950.173	ug/l #	57
86) p-Isopropyltoluene	11.969	119	190458	27.078	ug/l	96
89) n-Butylbenzene	12.329	91	253670	43.499	ug/l #	29
90) Hexachloroethane	12.616	117	65800	56.048	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.920	75	2518	3.660	ug/l #	9
95) Naphthalene	13.774	128	2037879	201.954	ug/l	99
96) 1,2,3-Trichlorobenzene	13.975	180	892	0.390	ug/l #	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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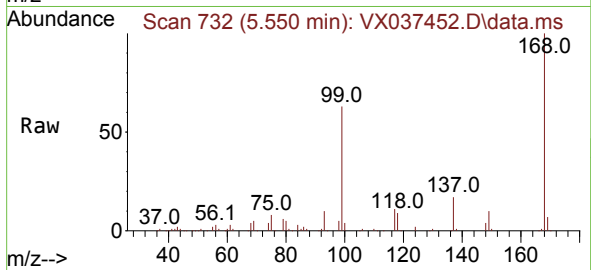


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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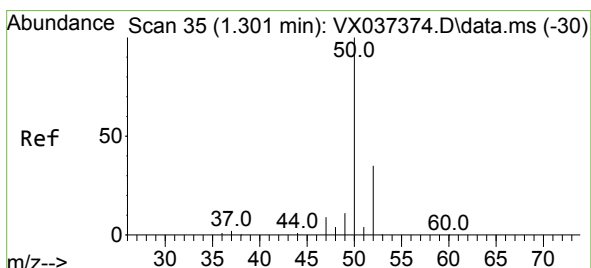
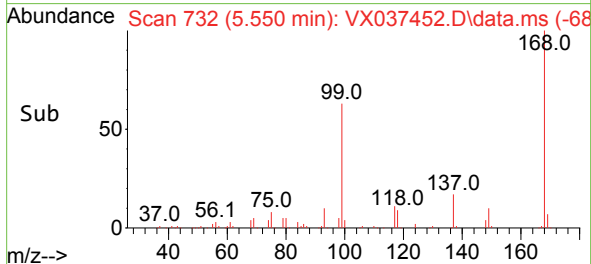
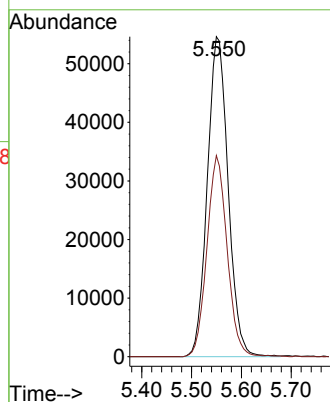
Instrument :

MSVOA_X

ClientSampleId :

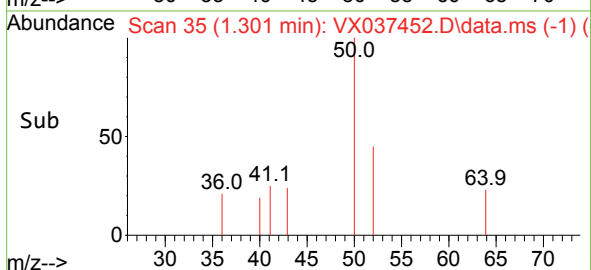
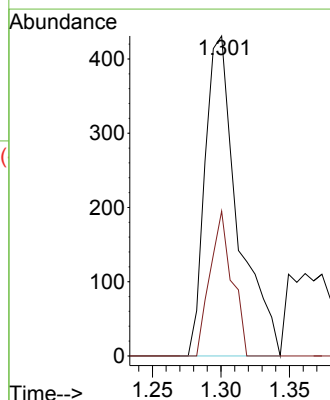
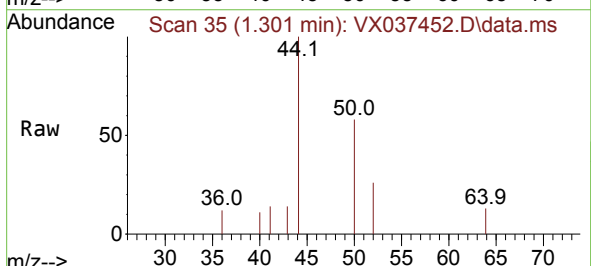


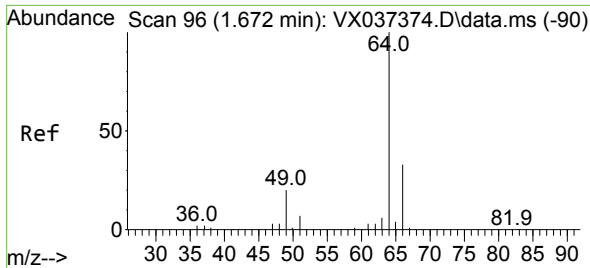
Tgt Ion:168 Resp: 158241
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#3
Chloromethane
Concen: 0.445 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

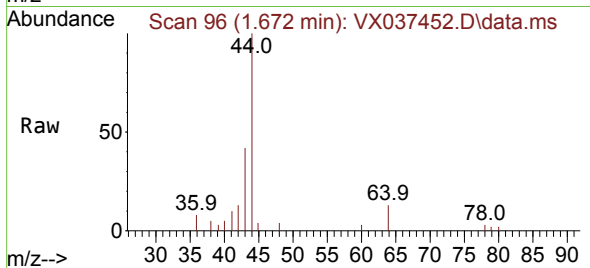
Tgt Ion: 50 Resp: 716
Ion Ratio Lower Upper
50 100
52 45.2 25.5 38.3#



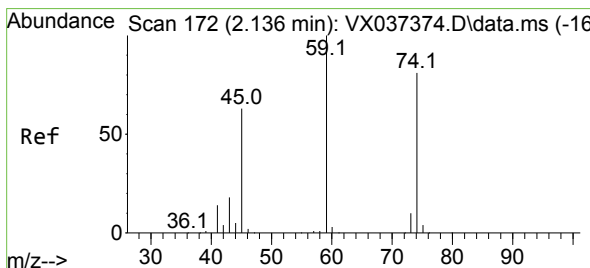
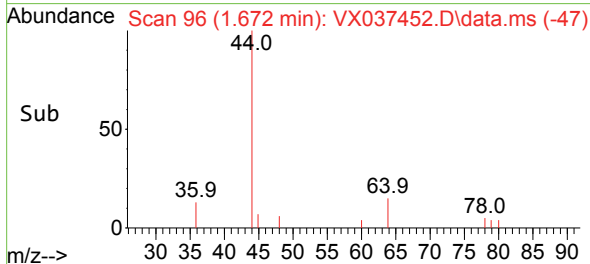
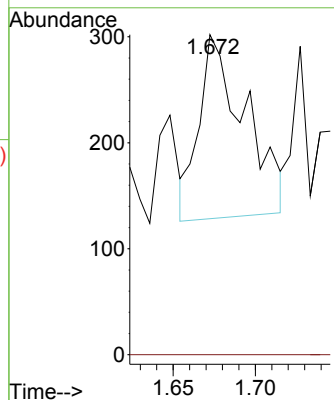


#6
Chloroethane
Concen: 0.328 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Instrument :
MSVOA_X
ClientSampleId :

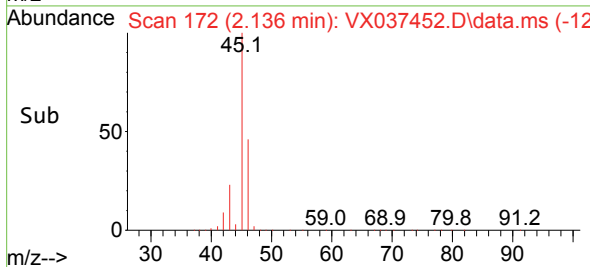
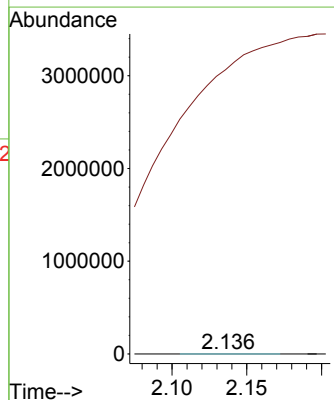
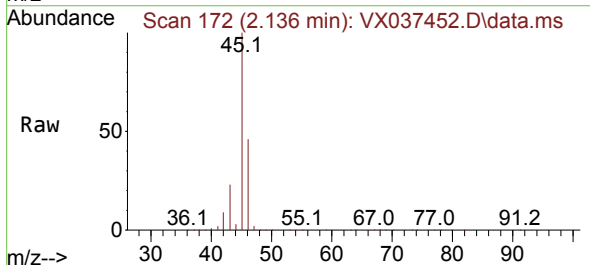


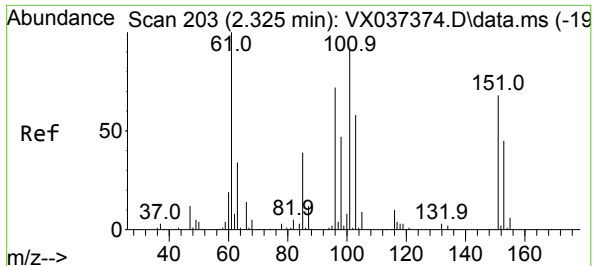
Tgt Ion: 64 Resp: 338
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#8
Diethyl Ether
Concen: 0.403 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion: 74 Resp: 447
Ion Ratio Lower Upper
74 100
45 0.0 53.3 159.8#

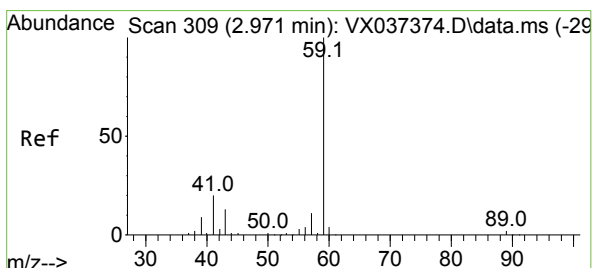
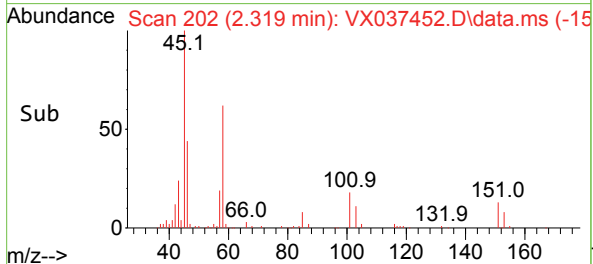
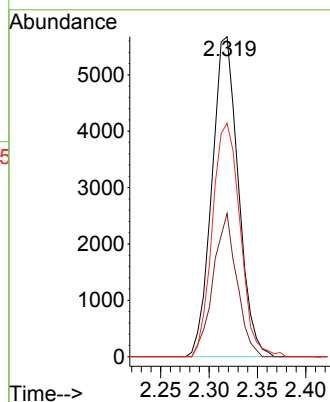
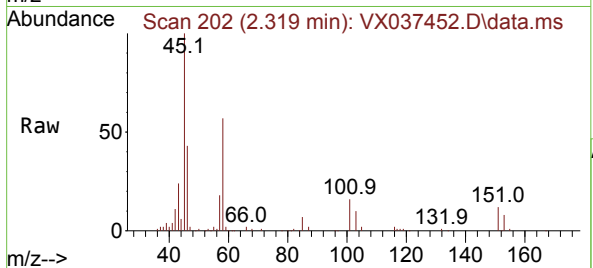




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.455 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

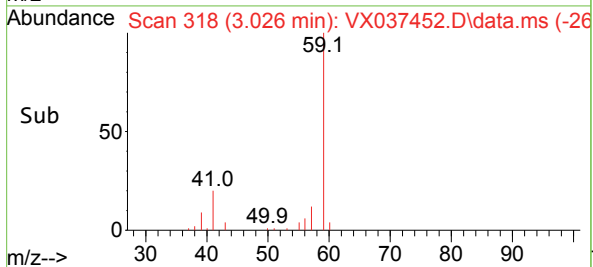
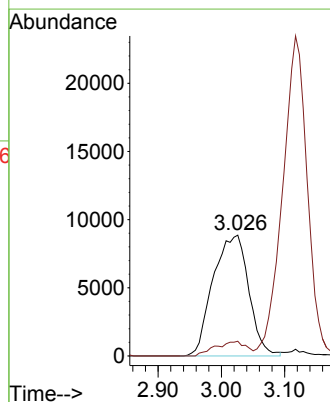
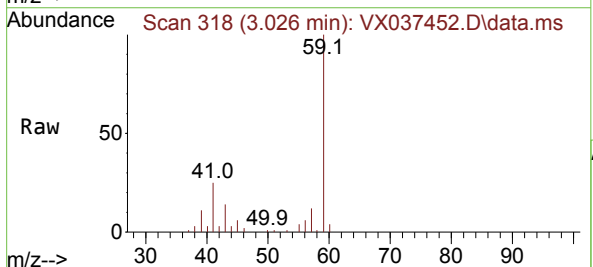
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MSVOA_X
ClientSampleId :

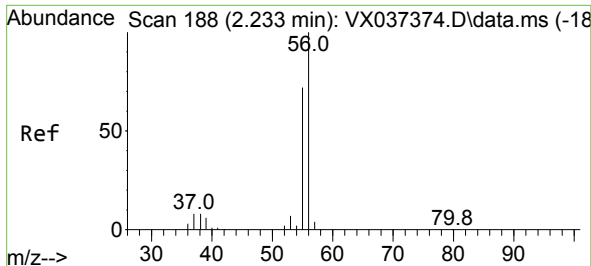
Tgt Ion:101 Resp: 10798
Ion Ratio Lower Upper
101 100
85 40.0 37.0 55.6
151 76.5 58.6 87.8



#11
Tert butyl alcohol
Concen: 64.915 ug/l
RT: 3.026 min Scan# 318
Delta R.T. 0.049 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion: 59 Resp: 34739
Ion Ratio Lower Upper
59 100
57 10.6 6.0 9.0#





#13

Acrolein

Concen: 3.213 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

Instrument :

MSVOA_X

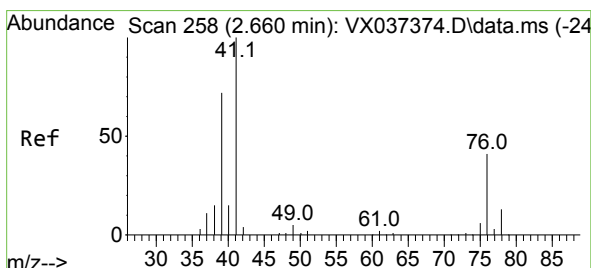
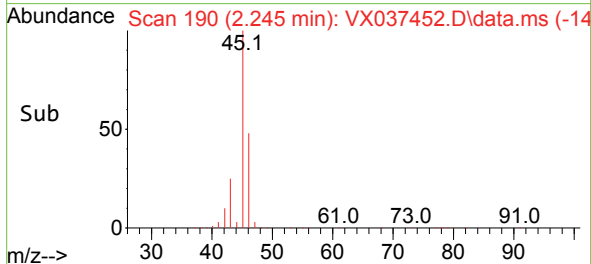
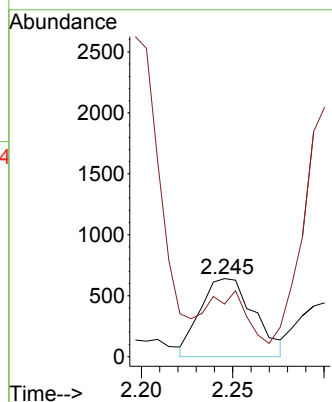
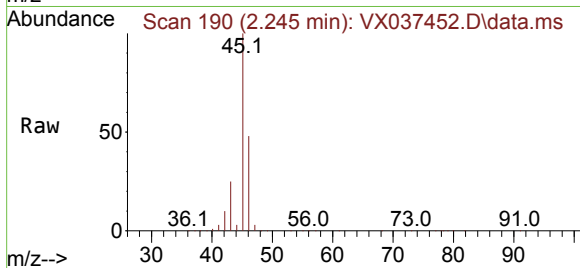
ClientSampleId :

Tgt Ion: 56 Resp: 1308

Ion Ratio Lower Upper

56 100

55 68.1 57.1 85.7



#14

Allyl chloride

Concen: 9.941 ug/l

RT: 2.605 min Scan# 249

Delta R.T. -0.055 min

Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

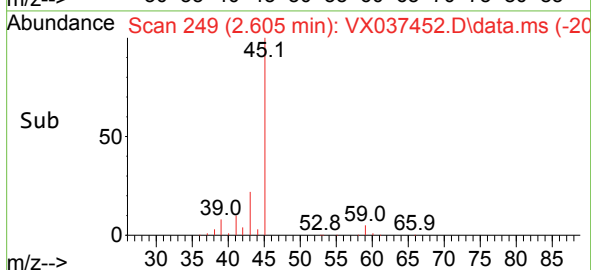
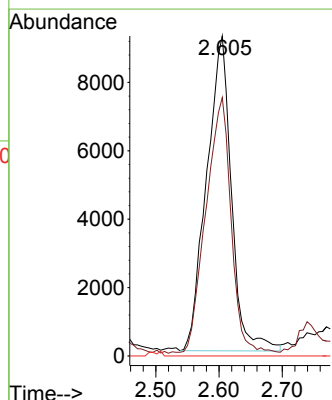
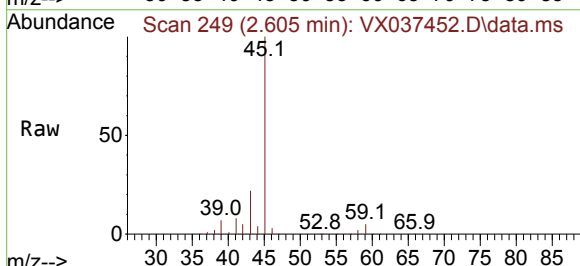
Tgt Ion: 41 Resp: 25063

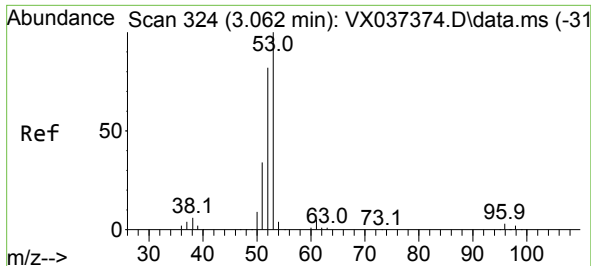
Ion Ratio Lower Upper

41 100

39 81.3 55.8 83.6

76 0.0 24.3 36.5

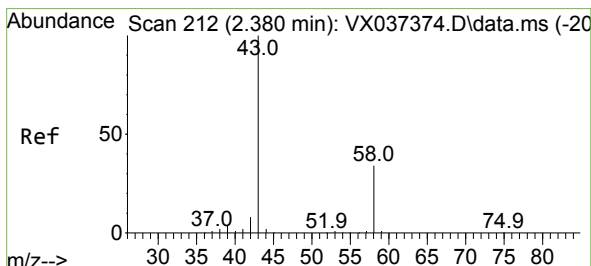
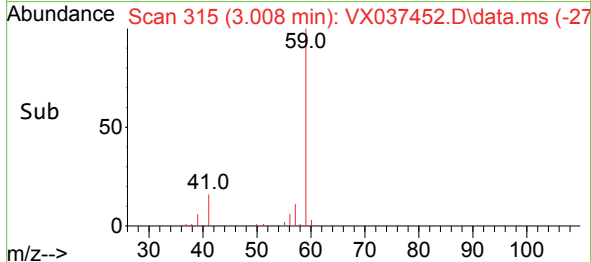
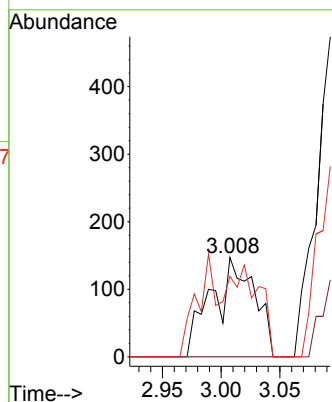
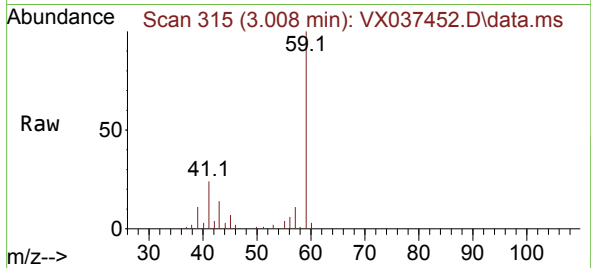




#15
Acrylonitrile
Concen: 0.391 ug/l
RT: 3.008 min Scan# 31
Delta R.T. -0.055 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

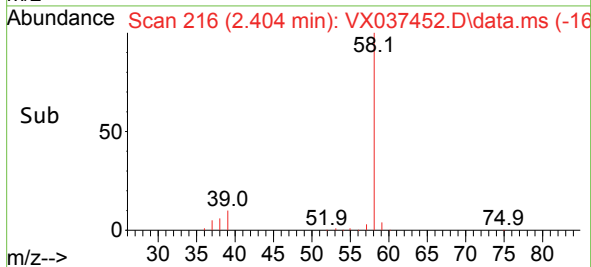
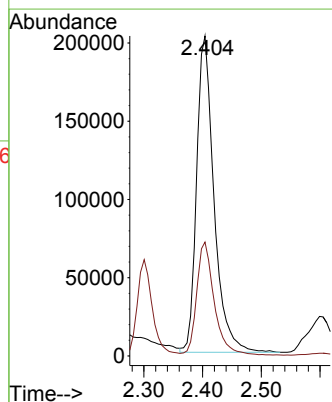
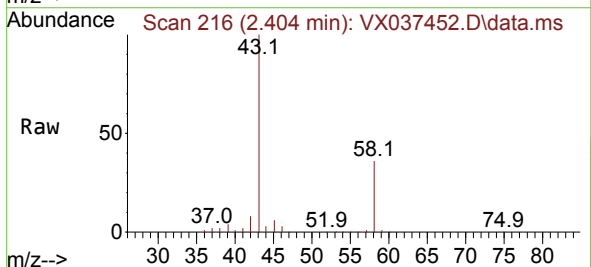
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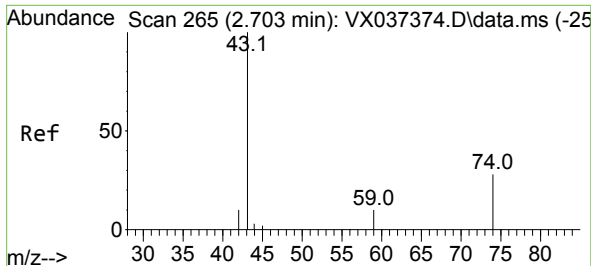
Tgt Ion: 53 Resp: 373
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 63.8 29.8 44.6#



#16
Acetone
Concen: 466.840 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion: 43 Resp: 416644
Ion Ratio Lower Upper
43 100
58 35.7 21.9 32.9#

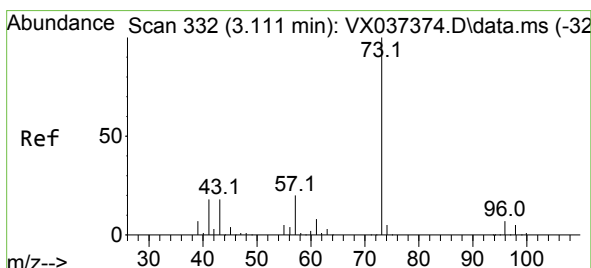
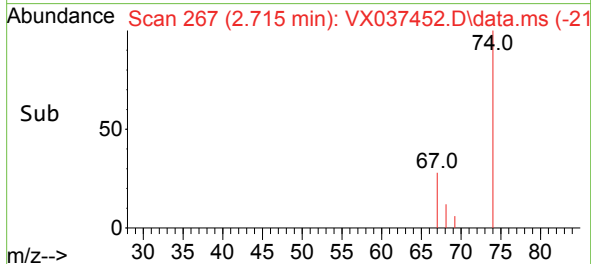
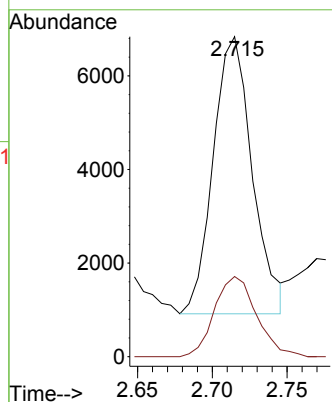
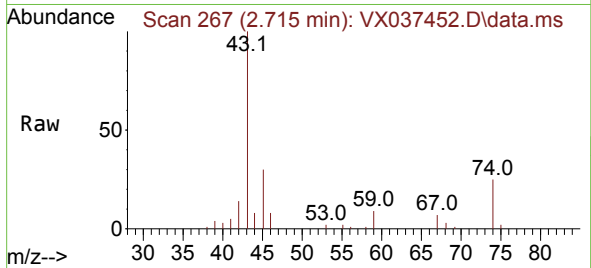




#18
Methyl Acetate
Concen: 3.200 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

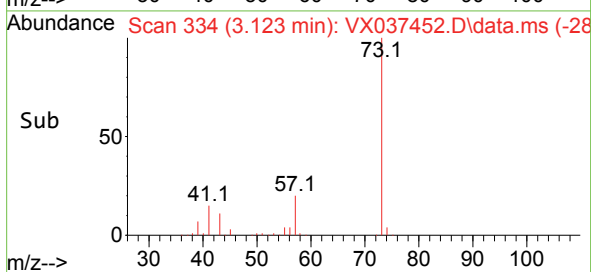
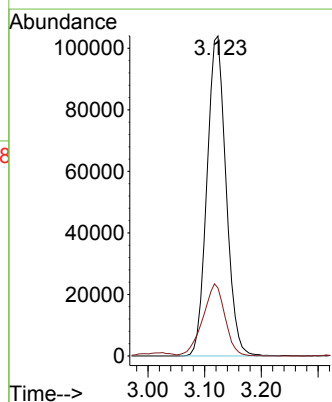
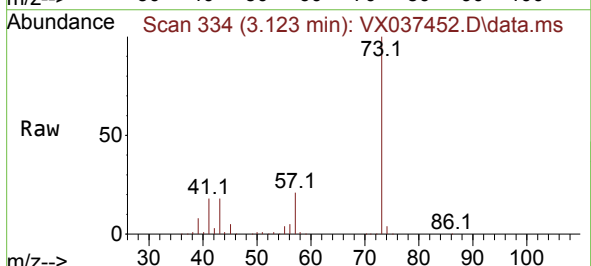
Instrument :
MSVOA_X
ClientSampleId :

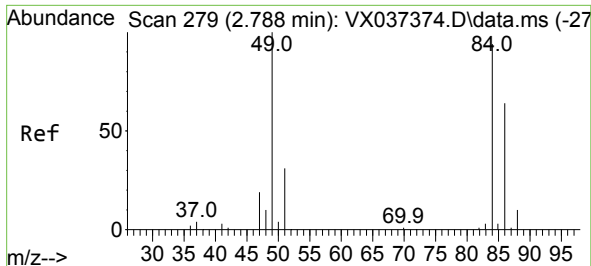
Tgt Ion: 43 Resp: 10754
Ion Ratio Lower Upper
43 100
74 31.1 17.8 26.8#



#19
Methyl tert-butyl Ether
Concen: 39.339 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

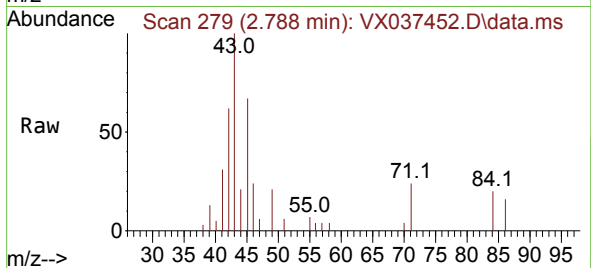
Tgt Ion: 73 Resp: 243031
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



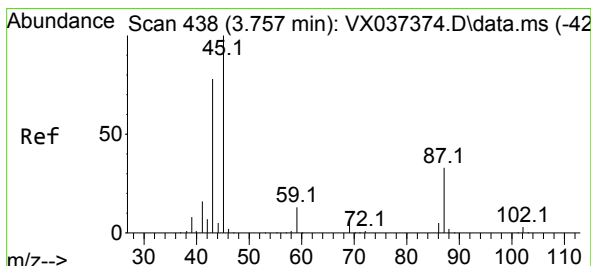
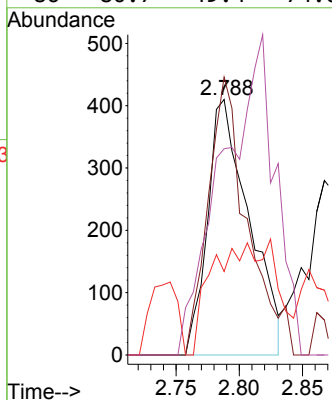
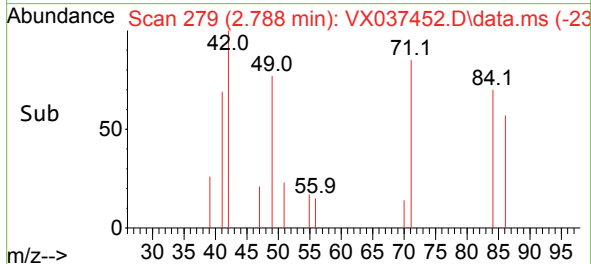


#20
Methylene Chloride
Concen: 0.469 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

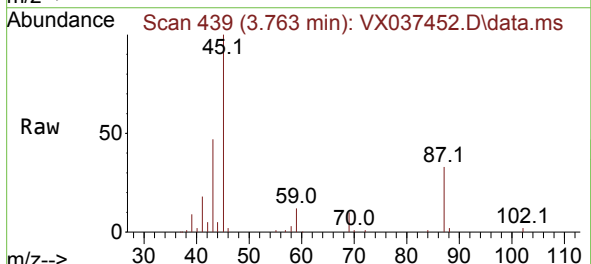
Instrument :
MSVOA_X
ClientSampleId :



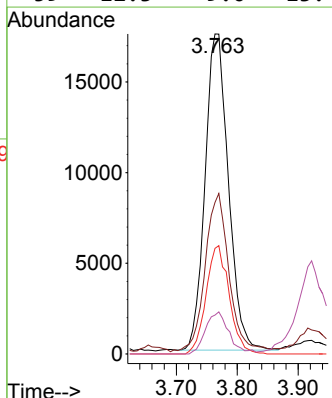
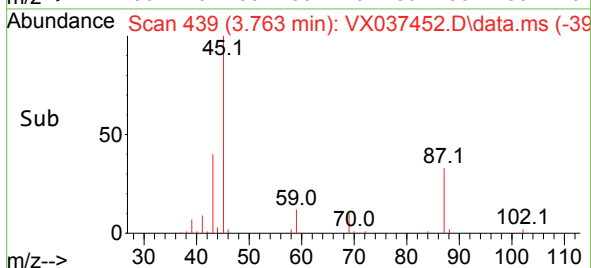
Tgt Ion: 84	Resp: 937
Ion Ratio	Lower Upper
84 100	
49 108.8	103.6 155.4
51 11.7	33.8 50.6#
86 80.7	49.4 74.0#

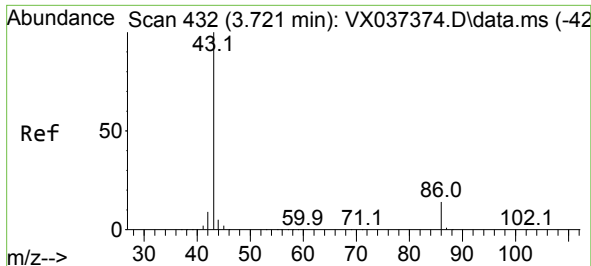


#22
Diisopropyl ether
Concen: 8.992 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57



Tgt Ion: 45	Resp: 46520
Ion Ratio	Lower Upper
45 100	
43 46.9	69.7 104.5#
87 33.4	20.8 31.2#
59 12.3	9.0 13.4

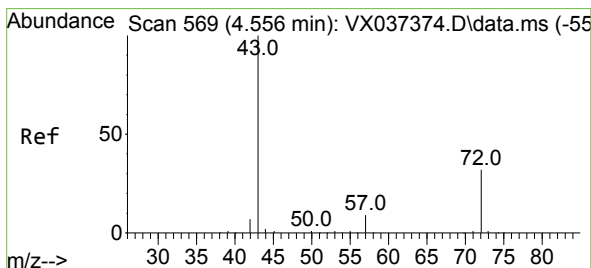
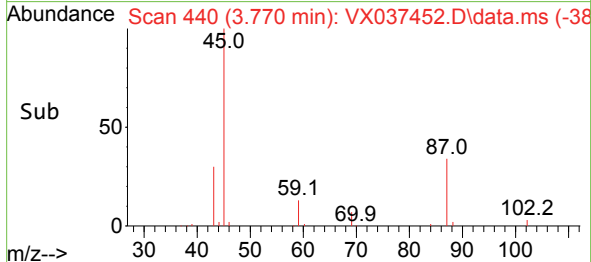
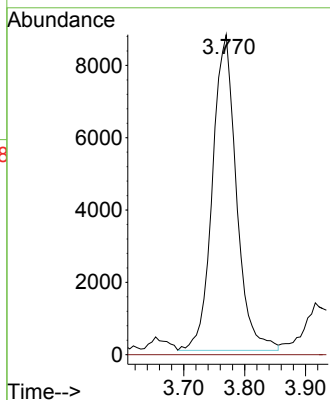
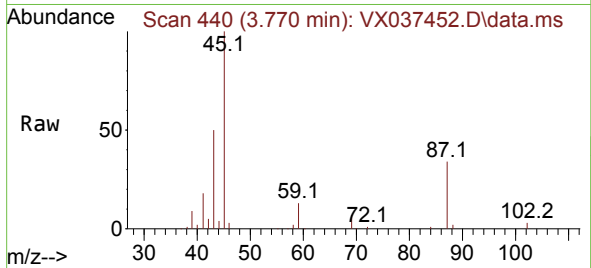




#23
 Vinyl Acetate
 Concen: 6.016 ug/l
 RT: 3.770 min Scan# 44
 Delta R.T. 0.049 min
 Lab File: VX037452.D
 Acq: 31 Aug 2023 23:57

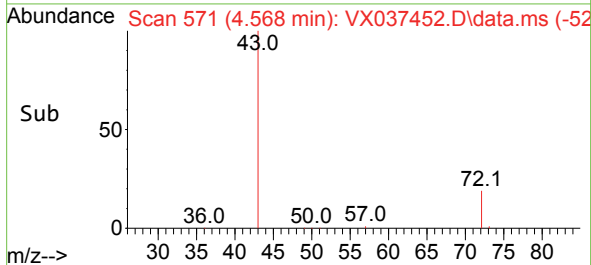
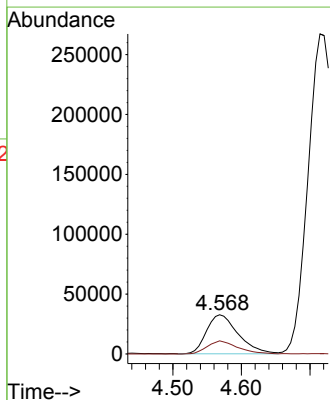
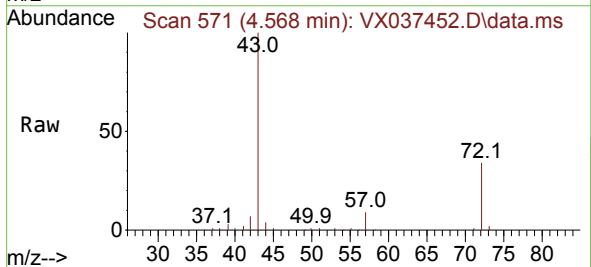
Instrument :
 MSVOA_X
 ClientSampleId :

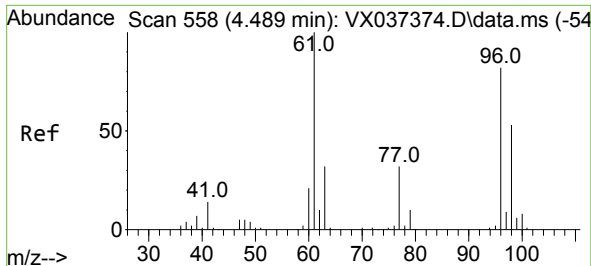
Tgt Ion: 43 Resp: 23850
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 78.066 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: VX037452.D
 Acq: 31 Aug 2023 23:57

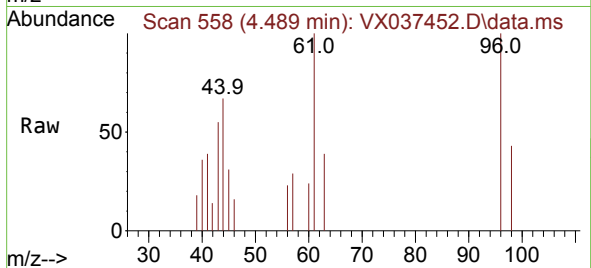
Tgt Ion: 43 Resp: 104905
 Ion Ratio Lower Upper
 43 100
 72 33.8 19.4 29.2#



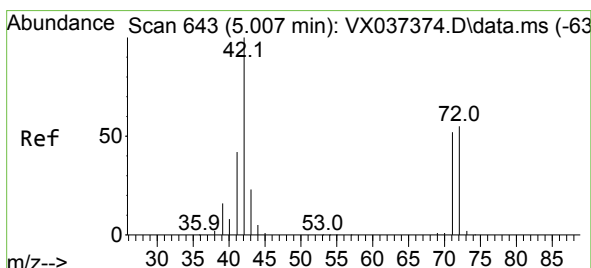
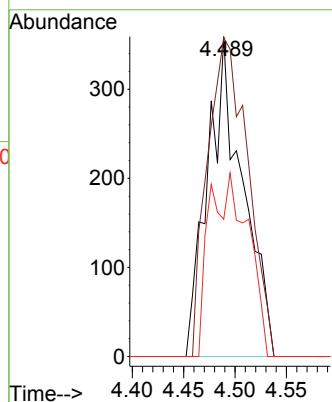
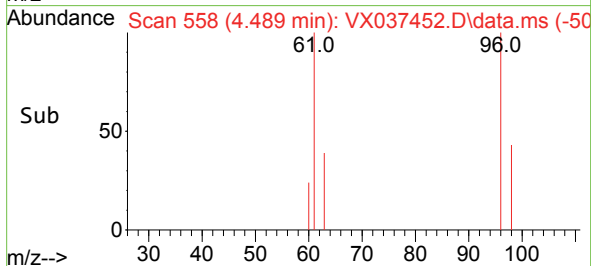


#27
 cis-1,2-Dichloroethene
 Concen: 0.391 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX037452.D
 Acq: 31 Aug 2023 23:57

Instrument :
 MSVOA_X
 ClientSampleId :

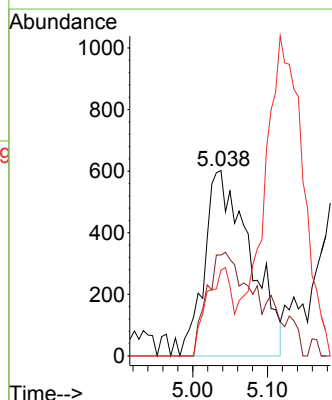
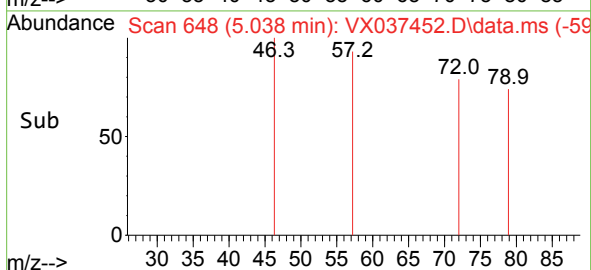
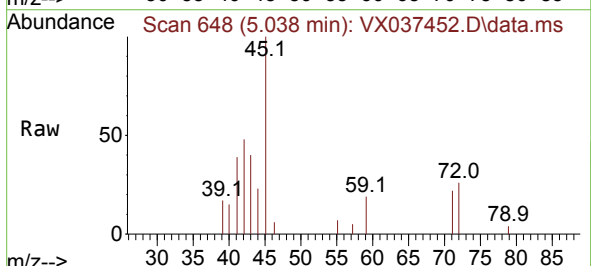


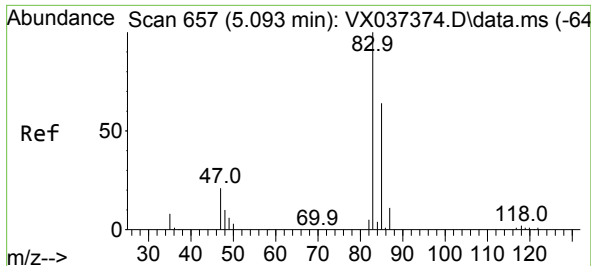
Tgt Ion: 96	Resp:	854
Ion	Ratio	Lower Upper
96	100	
61	0.0	0.0 312.2
98	27.6	0.0 129.0



#29
 Tetrahydrofuran
 Concen: 2.965 ug/l
 RT: 5.038 min Scan# 648
 Delta R.T. 0.030 min
 Lab File: VX037452.D
 Acq: 31 Aug 2023 23:57

Tgt Ion: 42	Resp:	2541
Ion	Ratio	Lower Upper
42	100	
72	51.3	34.2 51.4
71	25.9	32.2 48.2





#30

Chloroform

Concen: 1.048 ug/l

RT: 5.172 min Scan# 6

Delta R.T. 0.079 min

Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

Instrument :

MSVOA_X

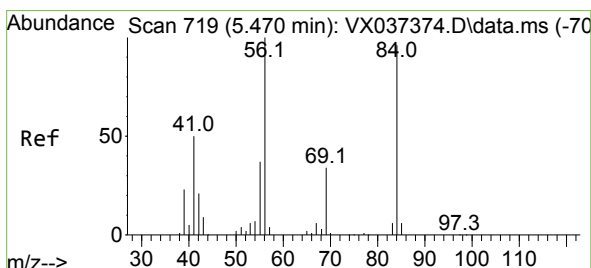
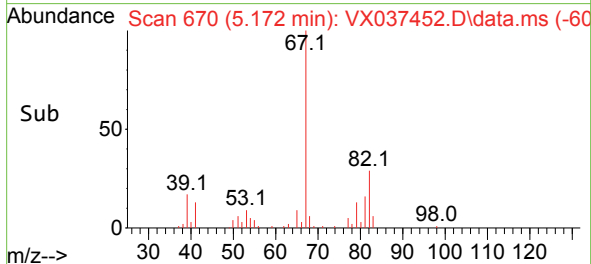
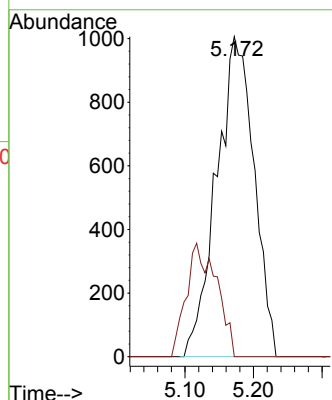
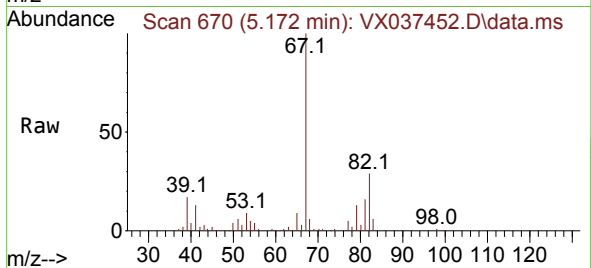
ClientSampleId :

Tgt Ion: 83 Resp: 3816

Ion Ratio Lower Upper

83 100

85 0.0 50.3 75.5#



#31

Cyclohexane

Concen: 56.235 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

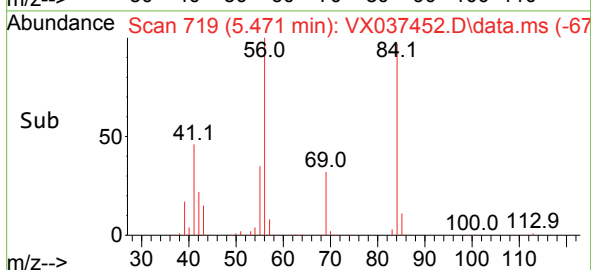
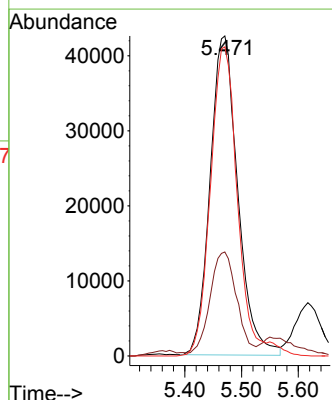
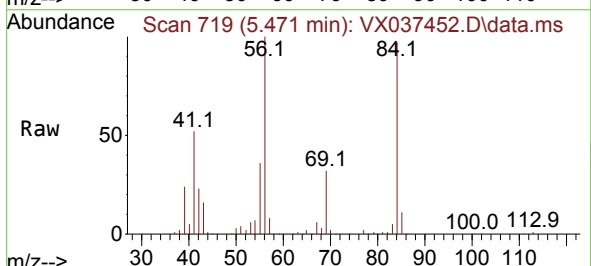
Tgt Ion: 56 Resp: 144252

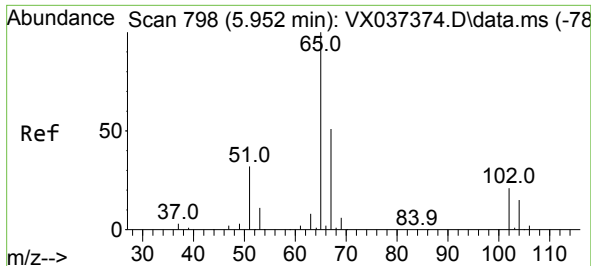
Ion Ratio Lower Upper

56 100

69 31.6 23.4 35.2

84 96.9 65.9 98.9

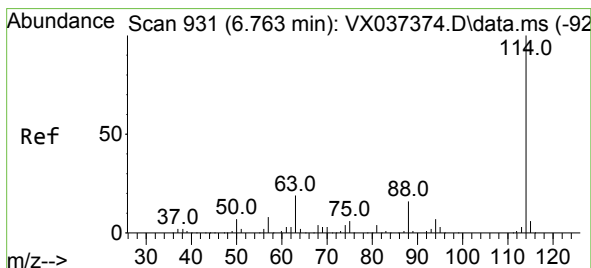
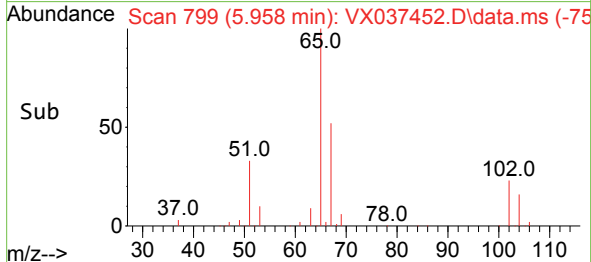
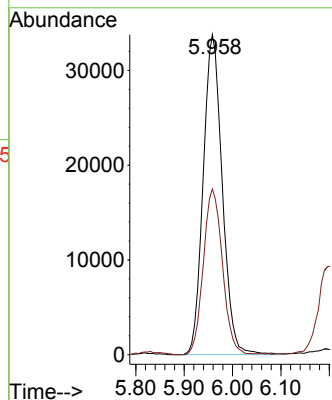
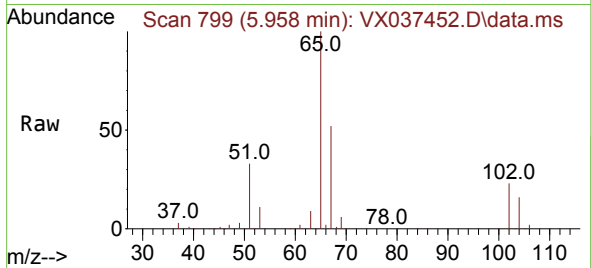




#33
1,2-Dichloroethane-d4
Concen: 40.565 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

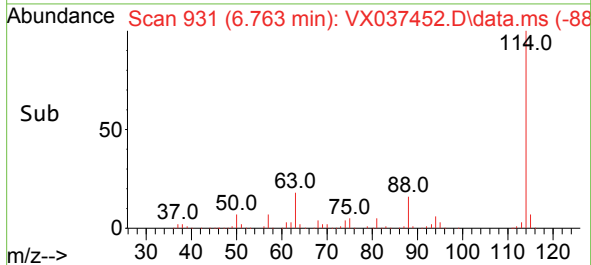
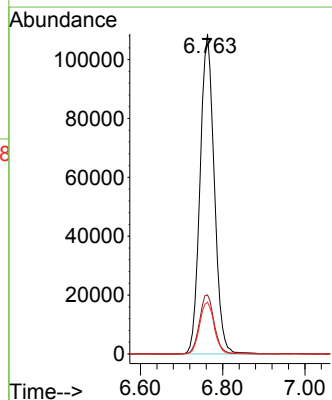
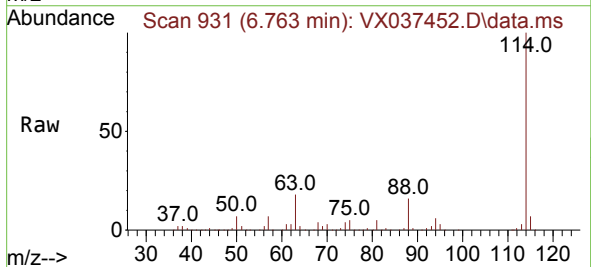
Instrument :
MSVOA_X
ClientSampleId :

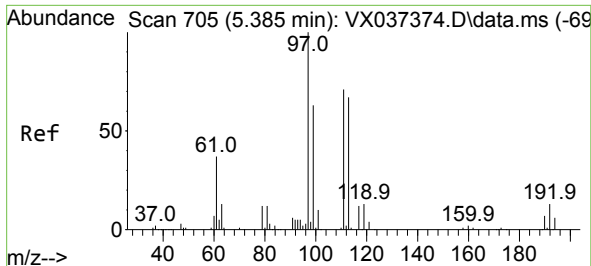
Tgt Ion: 65 Resp: 92543
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

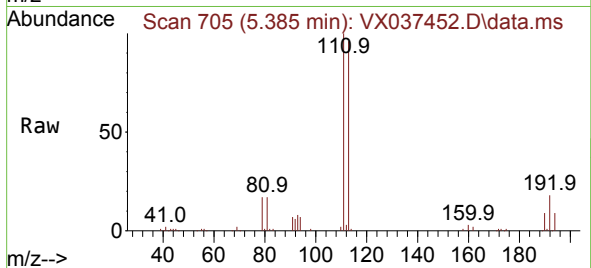
Tgt Ion:114 Resp: 260507
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 16.2 0.0 36.6



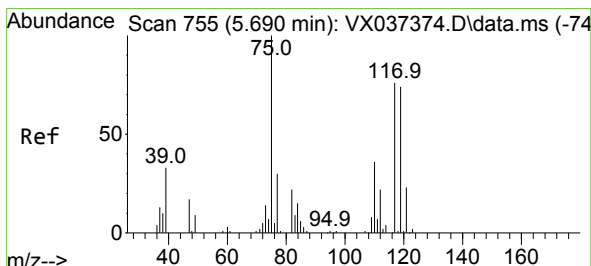
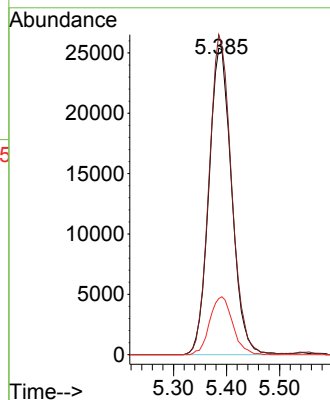
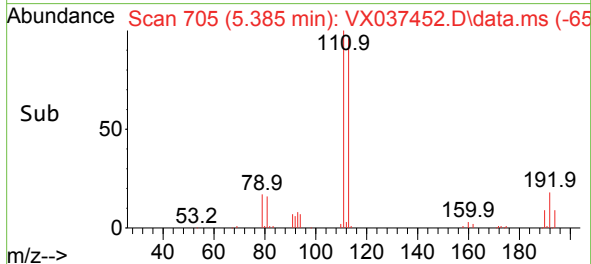


#35
Dibromofluoromethane
Concen: 43.889 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Instrument :
MSVOA_X
ClientSampleId :

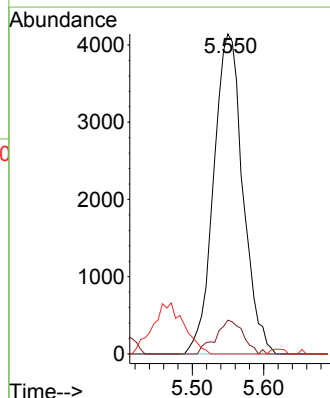
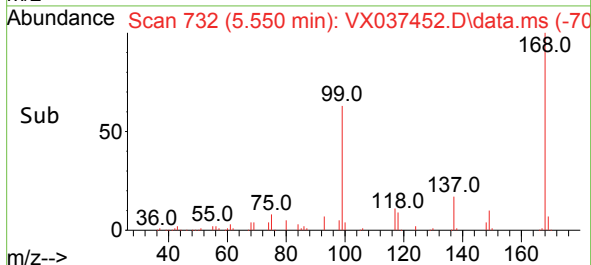
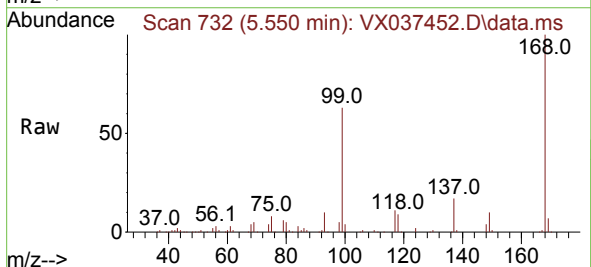


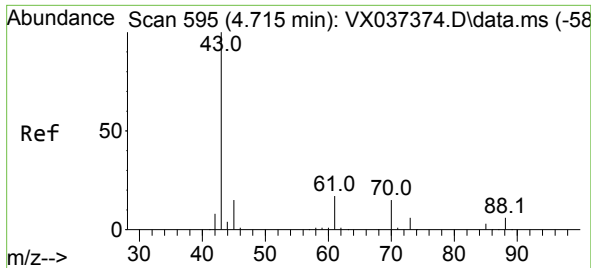
Tgt Ion:113 Resp: 75721
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.799 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion: 75 Resp: 11763
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 319.685 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

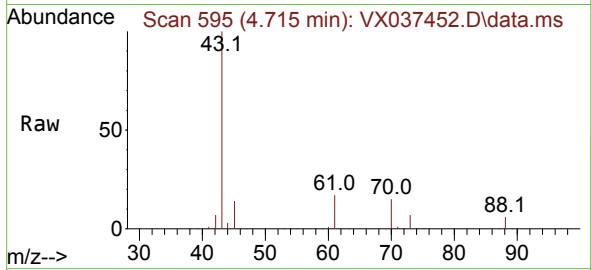
Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

Instrument :

MSVOA_X

ClientSampleId :



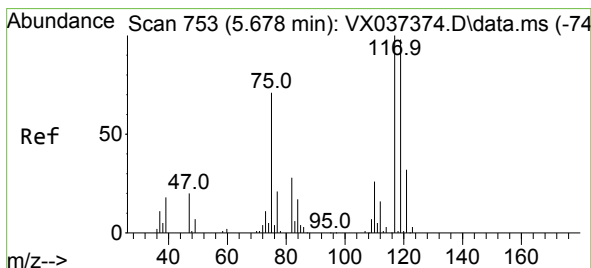
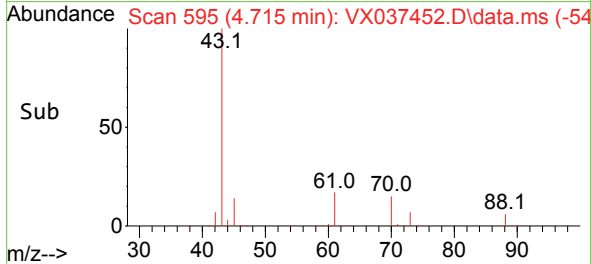
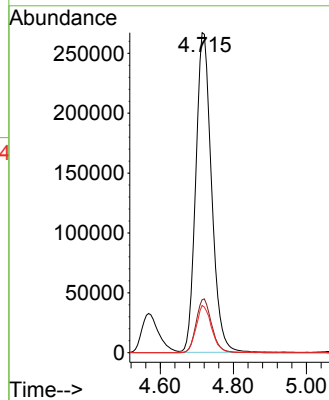
Tgt Ion: 43 Resp: 800446

Ion Ratio Lower Upper

43 100

61 16.6 10.6 16.0#

70 14.5 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.340 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

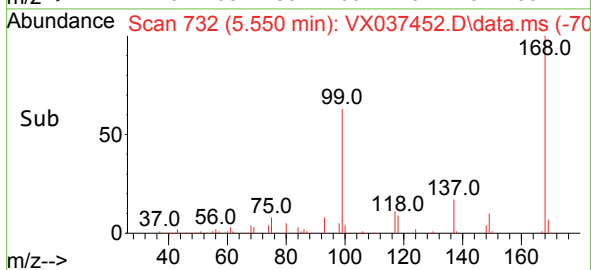
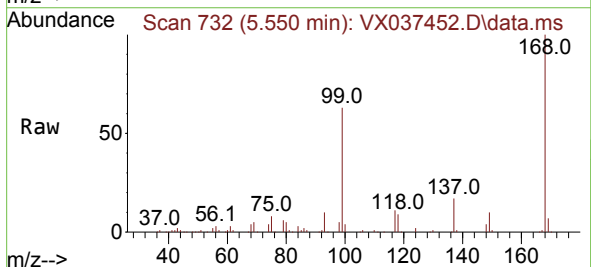
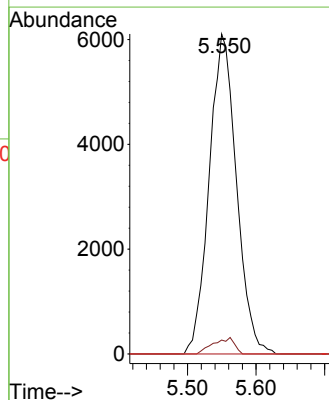
Tgt Ion: 117 Resp: 16882

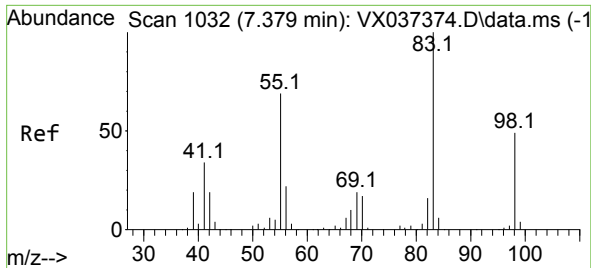
Ion Ratio Lower Upper

117 100

119 4.3 78.2 117.2#

121 0.0 24.4 36.6#

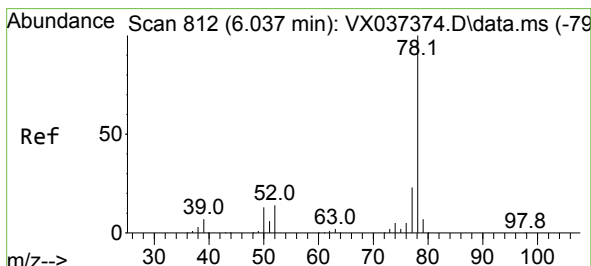
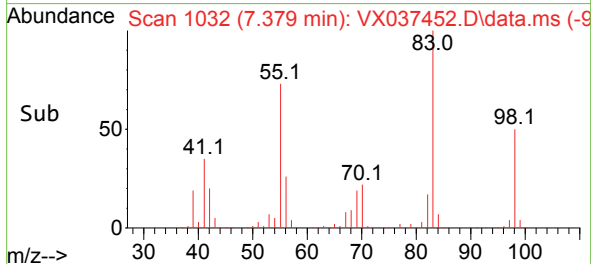
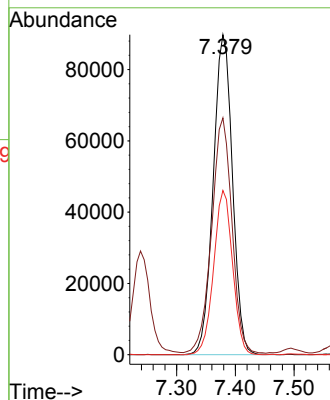
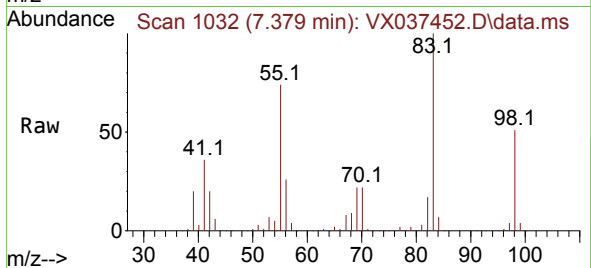




#39
Methylcyclohexane
Concen: 79.363 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

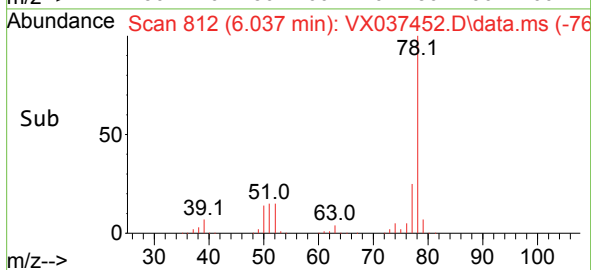
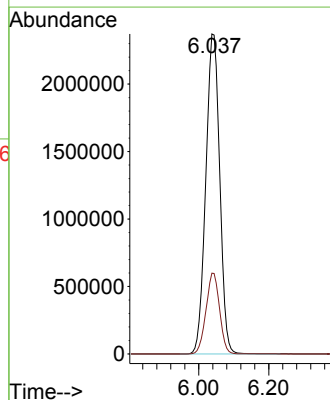
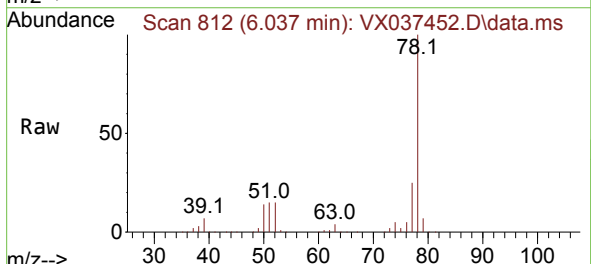
Instrument :
MSVOA_X
ClientSampleId :

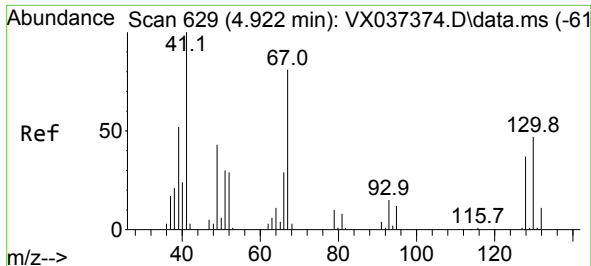
Tgt Ion: 83 Resp: 204382
Ion Ratio Lower Upper
83 100
55 73.3 64.6 97.0
98 51.3 36.7 55.1



#40
Benzene
Concen: 932.442 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

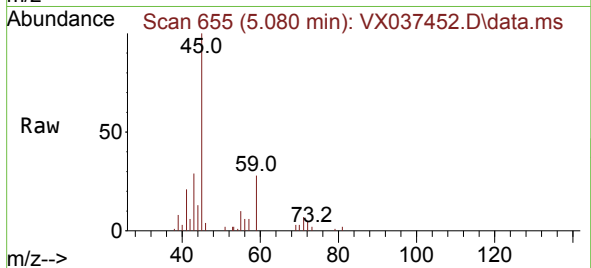
Tgt Ion: 78 Resp: 6554965
Ion Ratio Lower Upper
78 100
77 25.2 19.3 28.9



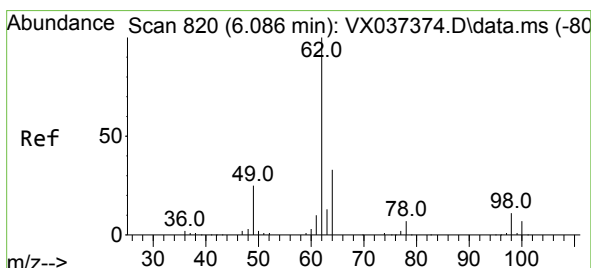
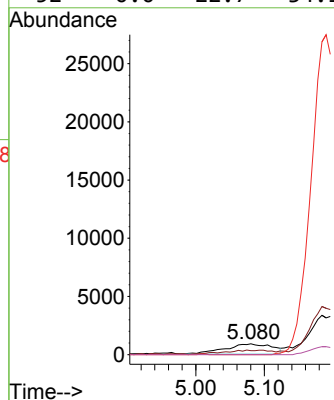
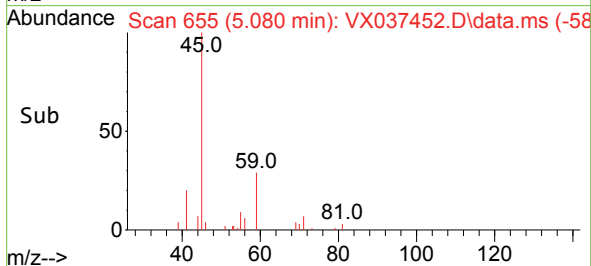


#41
Methacrylonitrile
Concen: 3.214 ug/l
RT: 5.080 min Scan# 61
Delta R.T. 0.159 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Instrument :
MSVOA_X
ClientSampleId :

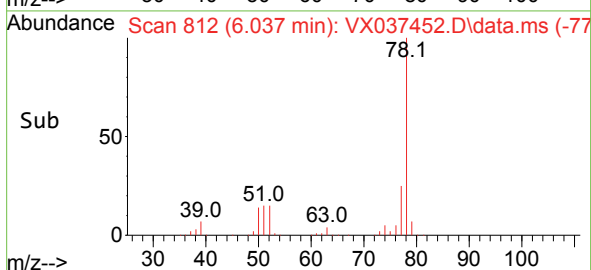
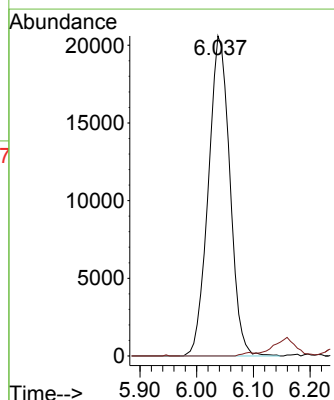
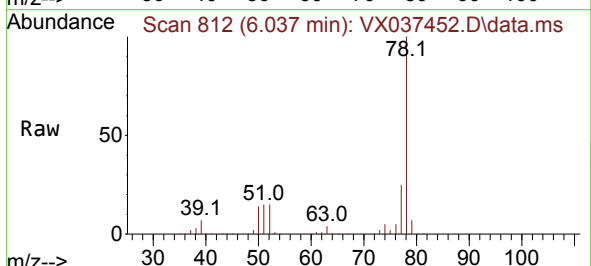


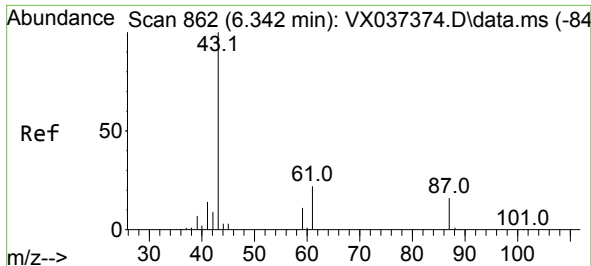
Tgt Ion: 41 Resp: 4183
Ion Ratio Lower Upper
41 100
39 28.2 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 19.709 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.049 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion: 62 Resp: 54333
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 4.822 ug/l

RT: 6.342 min Scan# 8

Delta R.T. 0.000 min

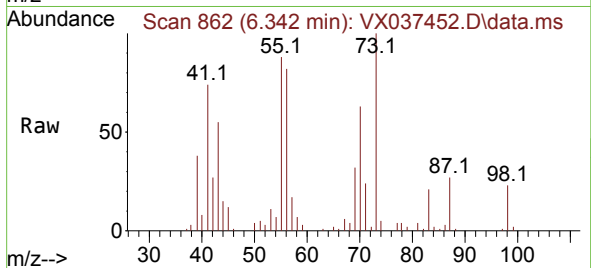
Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

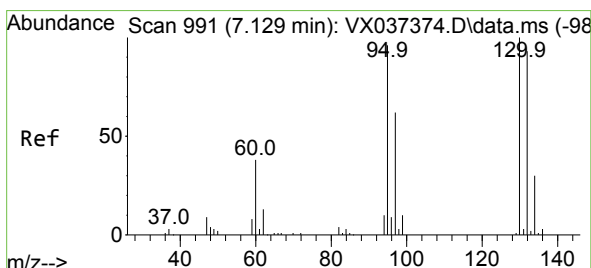
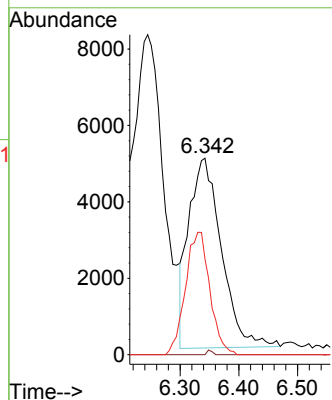
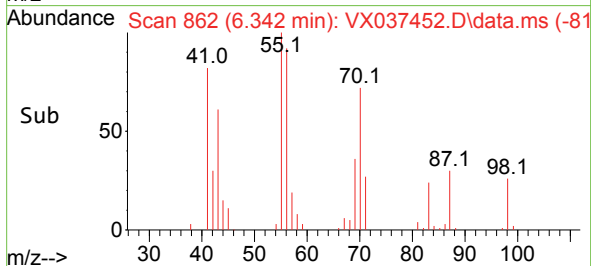
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 19168
Ion Ratio	Lower Upper
43	100
61	0.0 15.2 22.8#
87	48.2 9.8 14.6#



#44

Trichloroethene

Concen: 42.533 ug/l

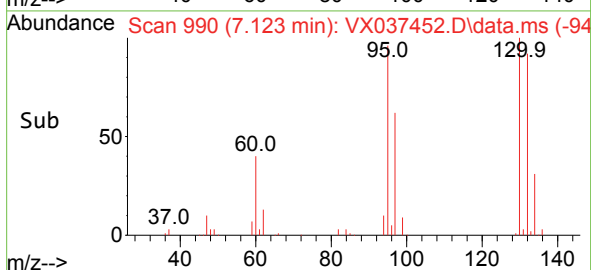
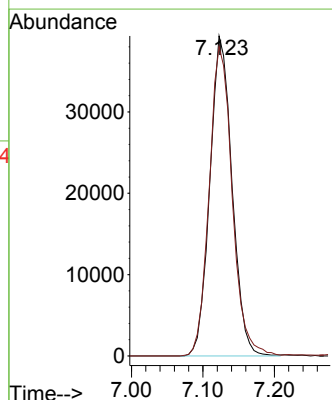
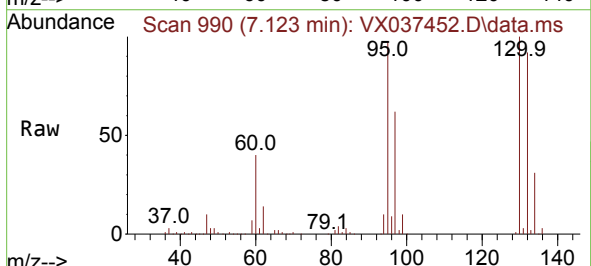
RT: 7.123 min Scan# 990

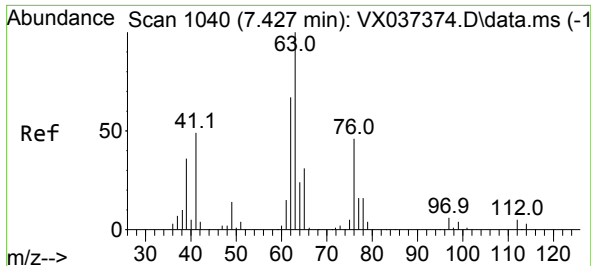
Delta R.T. 0.000 min

Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

Tgt Ion: 130	Resp: 84784
Ion Ratio	Lower Upper
130	100
95	96.6 0.0 204.4

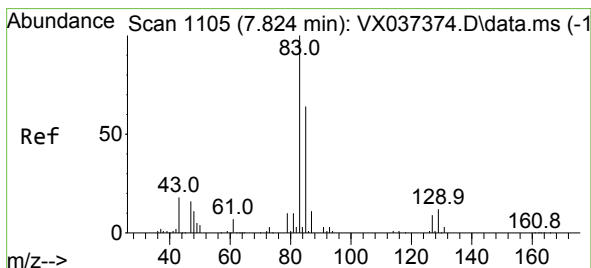
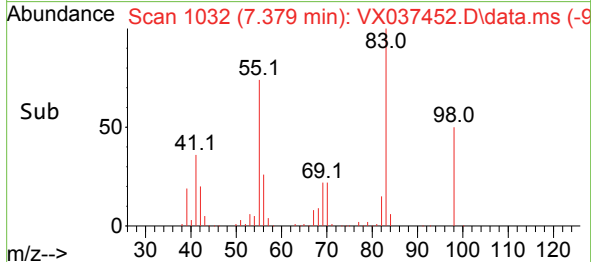
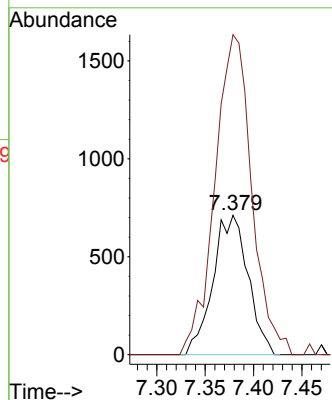
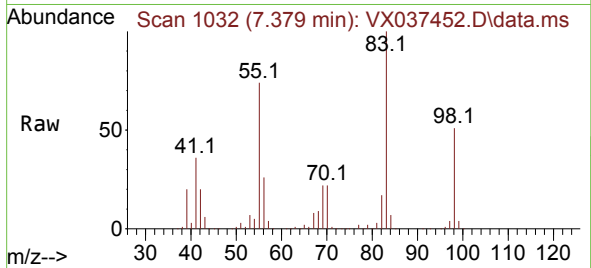




#45
1,2-Dichloropropane
Concen: 1.035 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.049 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

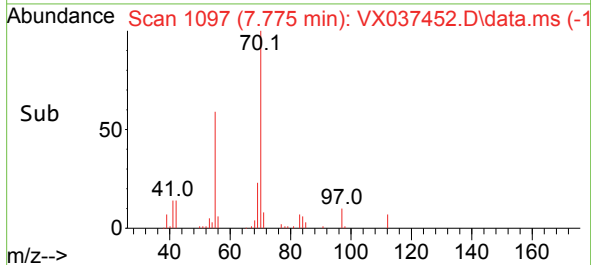
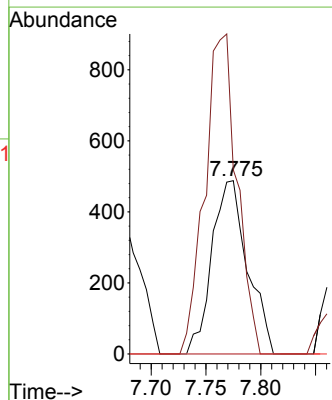
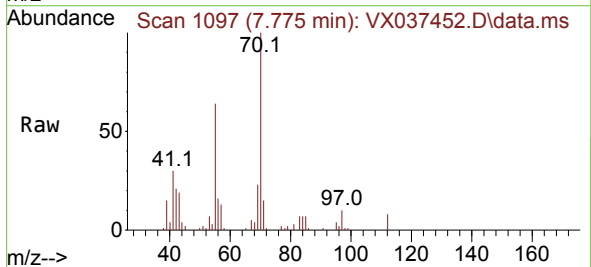
Instrument :
MSVOA_X
ClientSampleId :

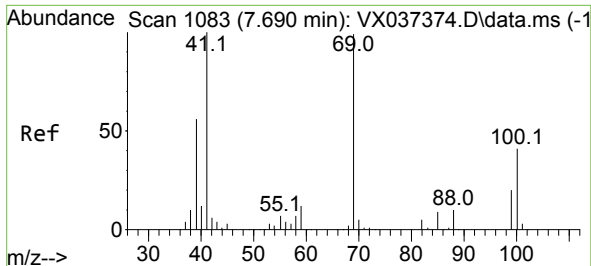
Tgt Ion: 63 Resp: 1794
Ion Ratio Lower Upper
63 100
65 229.5 24.3 36.5#



#47
Bromodichloromethane
Concen: 0.422 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. -0.049 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion: 83 Resp: 1104
Ion Ratio Lower Upper
83 100
85 106.1 49.8 74.6#
127 0.0 7.1 10.7#

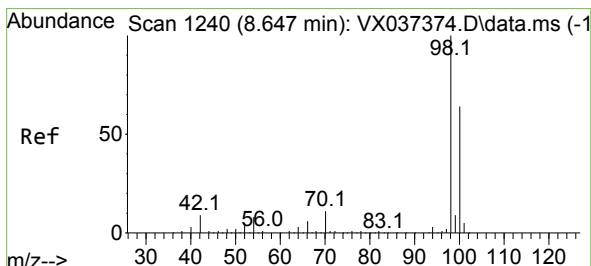
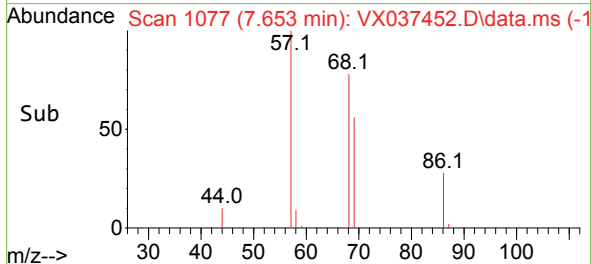
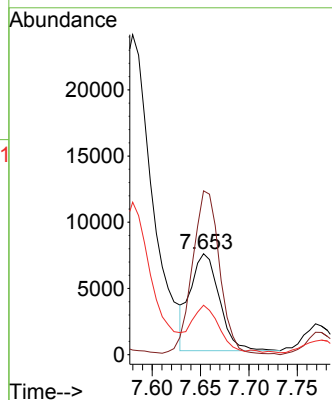
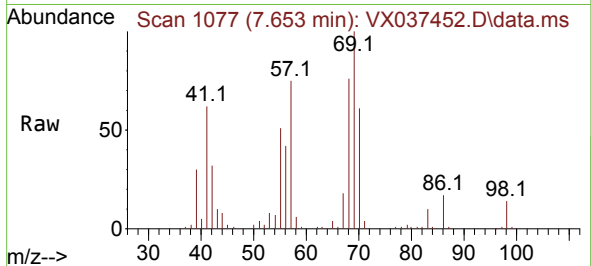




#48
Methyl methacrylate
Concen: 7.863 ug/l
RT: 7.653 min Scan# 1083
Delta R.T. -0.043 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

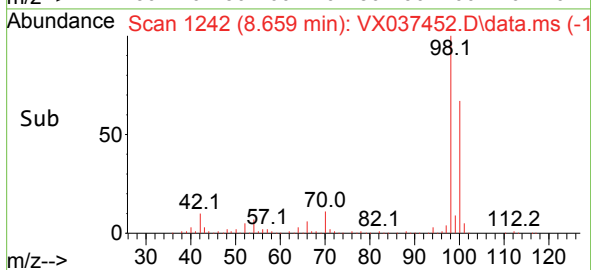
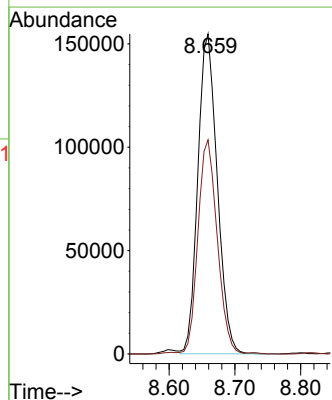
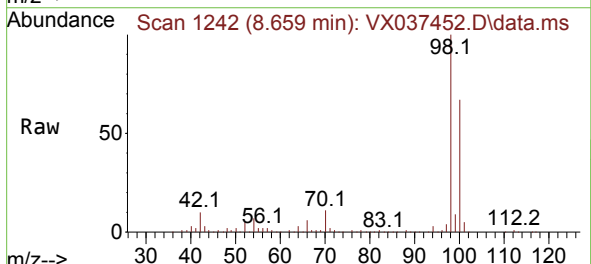
Instrument :
MSVOA_X
ClientSampleId :

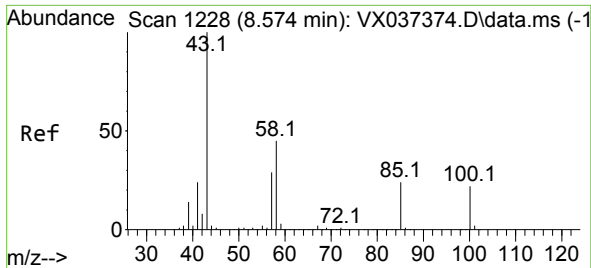
Tgt Ion: 41 Resp: 15244
Ion Ratio Lower Upper
41 100
69 160.3 59.2 88.8#
39 48.8 47.7 71.5



#50
Toluene-d8
Concen: 50.713 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.012 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion: 98 Resp: 317374
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

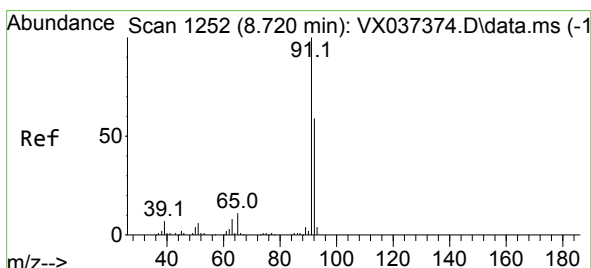
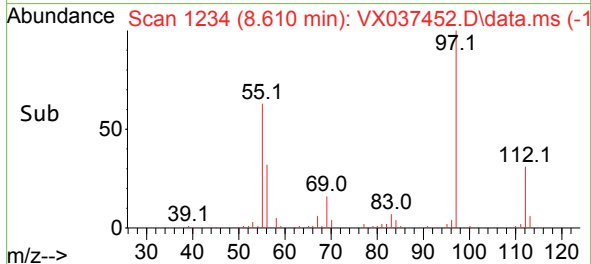
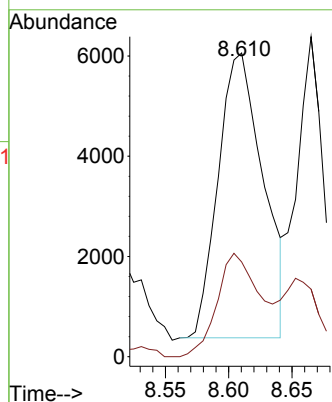
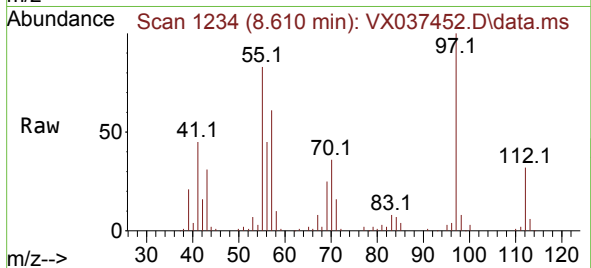




#51
4-Methyl-2-Pentanone
Concen: 5.802 ug/l
RT: 8.610 min Scan# 11
Delta R.T. 0.037 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

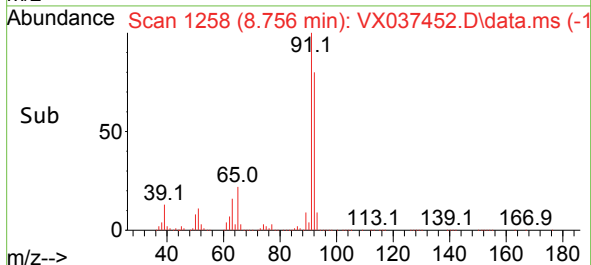
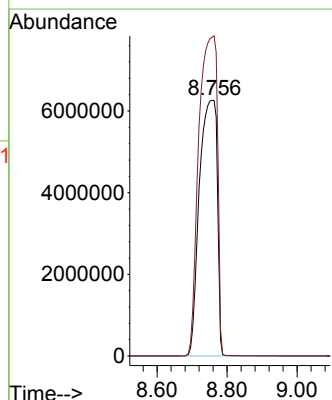
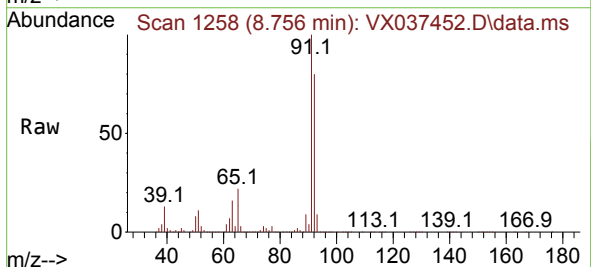
Instrument :
MSVOA_X
ClientSampleId :

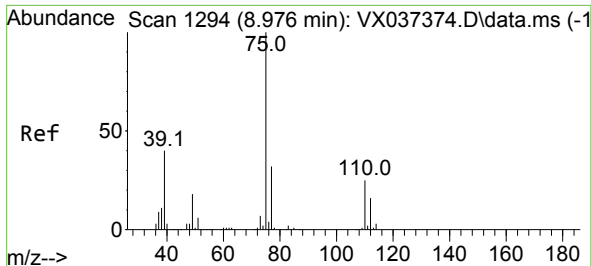
Tgt Ion: 43 Resp: 14005
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6



#52
Toluene
Concen: 4743.390 ug/l
RT: 8.756 min Scan# 1258
Delta R.T. 0.037 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion: 92 Resp: 22032073
Ion Ratio Lower Upper
92 100
91 131.1 134.2 201.2#

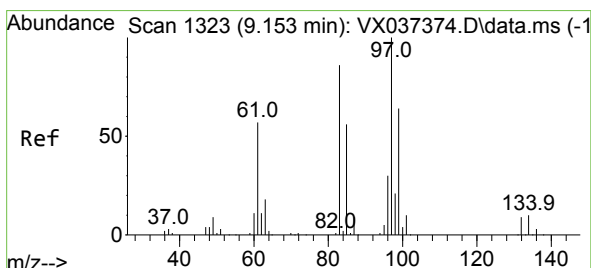
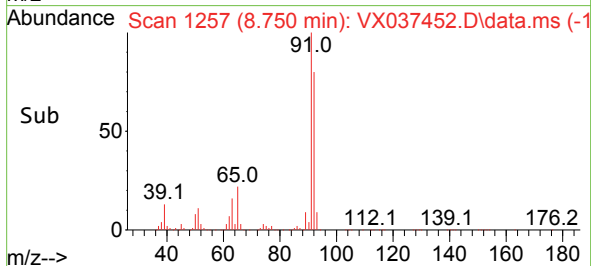
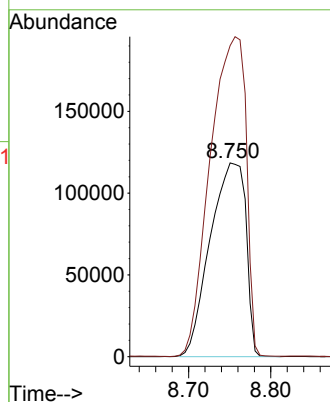
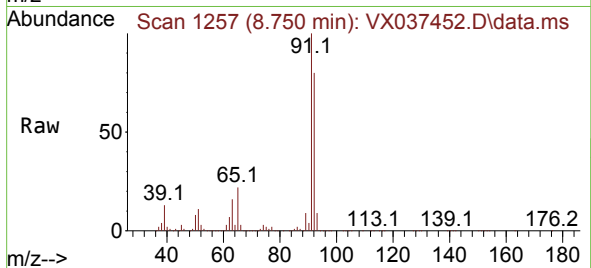




#53
t-1,3-Dichloropropene
Concen: 128.277 ug/l
RT: 8.750 min Scan# 11
Delta R.T. -0.226 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

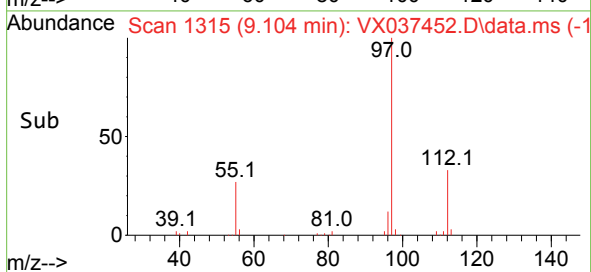
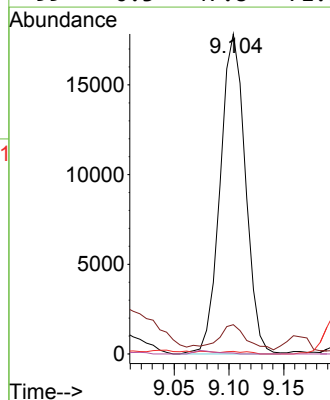
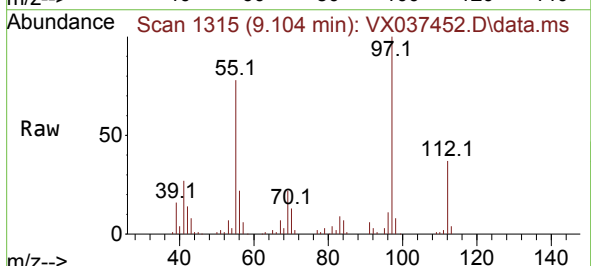
Instrument :
MSVOA_X
ClientSampleId :

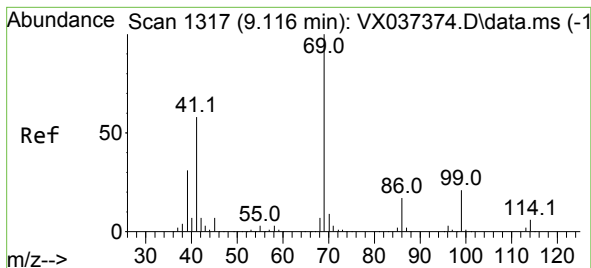
Tgt Ion: 75 Resp: 357232
Ion Ratio Lower Upper
75 100
77 160.3 25.7 38.5#



#55
1,1,2-Trichloroethane
Concen: 15.054 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion: 97 Resp: 28472
Ion Ratio Lower Upper
97 100
83 6.7 65.8 98.8#
85 0.8 41.6 62.4#
99 0.3 47.8 71.8#





#56

Ethyl methacrylate

Concen: 2.045 ug/l

RT: 9.104 min Scan# 1165

Delta R.T. -0.012 min

Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

Instrument :

MSVOA_X

ClientSampleId :

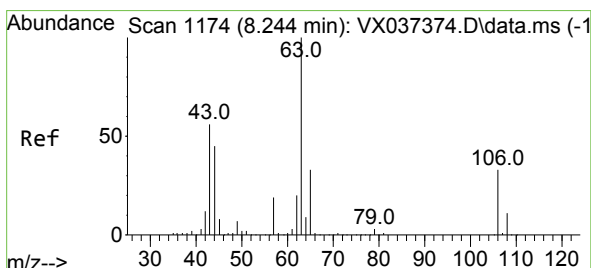
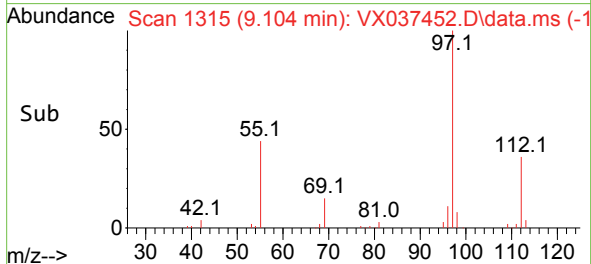
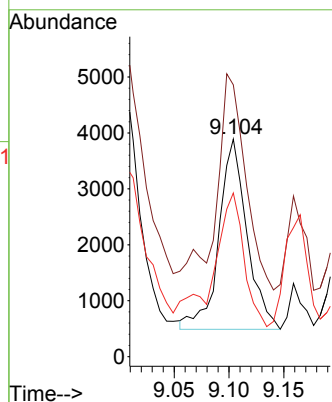
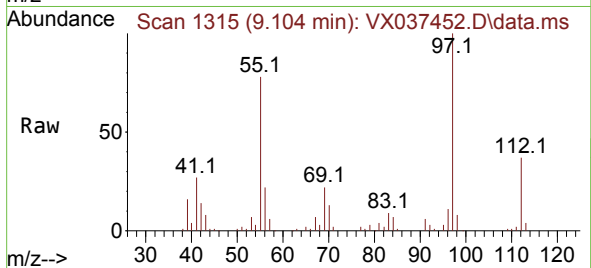
Tgt Ion: 69 Resp: 6058

Ion Ratio Lower Upper

69 100

41 103.3 56.8 85.2#

39 76.6 32.0 48.0#



#58

2-Chloroethyl Vinyl ether

Concen: 0.523 ug/l

RT: 8.190 min Scan# 1165

Delta R.T. -0.055 min

Lab File: VX037452.D

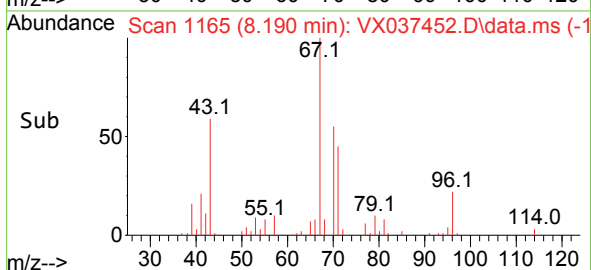
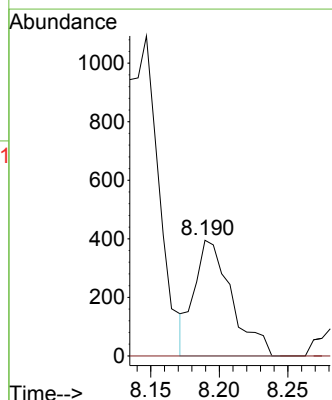
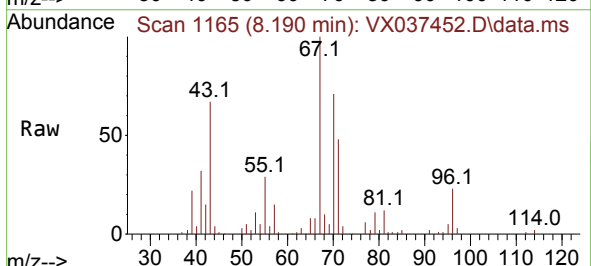
Acq: 31 Aug 2023 23:57

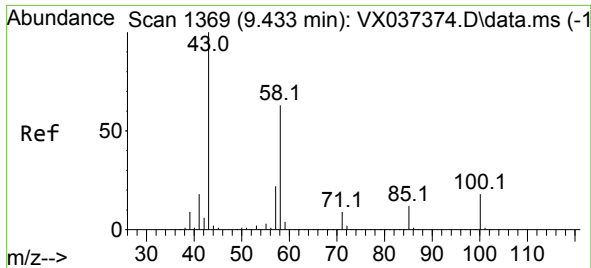
Tgt Ion: 63 Resp: 743

Ion Ratio Lower Upper

63 100

106 0.0 22.5 33.7#

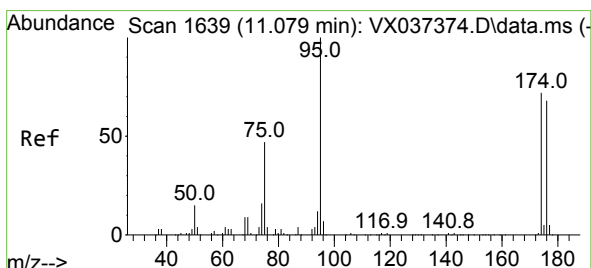
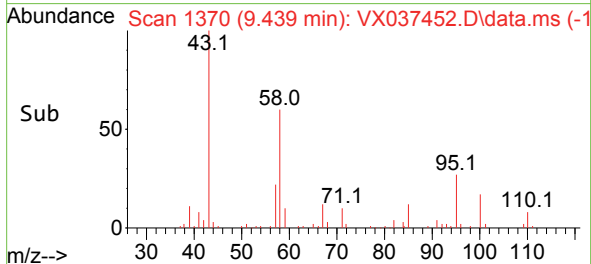
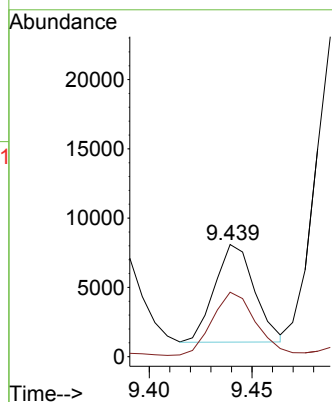
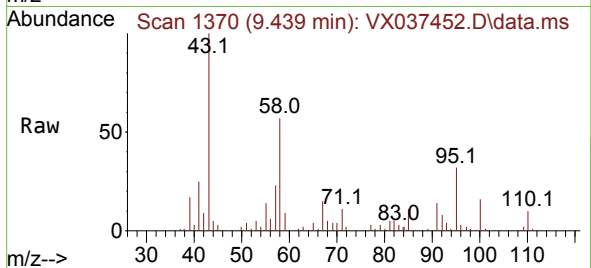




#59
2-Hexanone
Concen: 5.174 ug/l
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

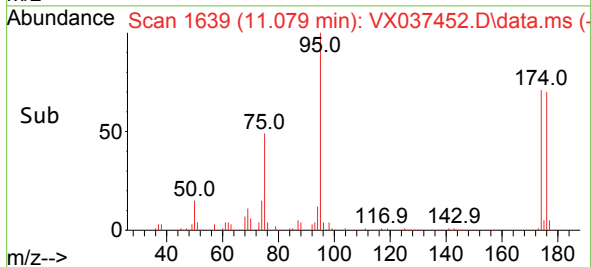
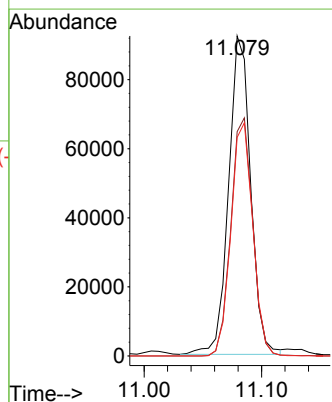
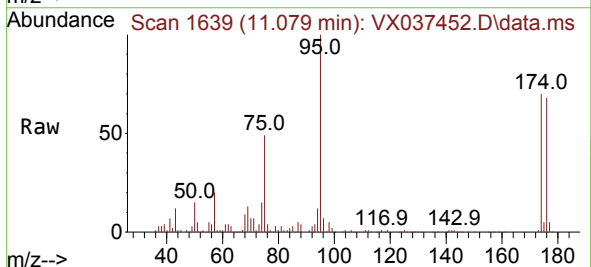
Instrument :
MSVOA_X
ClientSampleId :

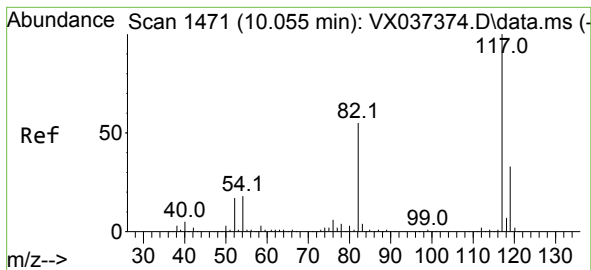
Tgt Ion: 43 Resp: 9523
Ion Ratio Lower Upper
43 100
58 71.3 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 48.875 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion: 95 Resp: 120203
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 72.7 0.0 131.0

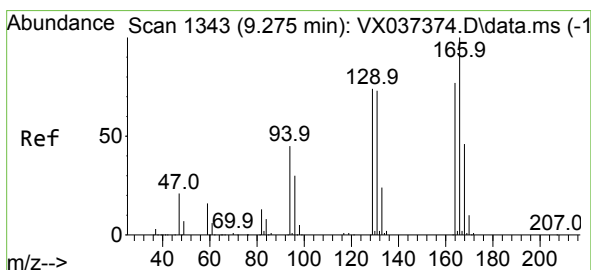
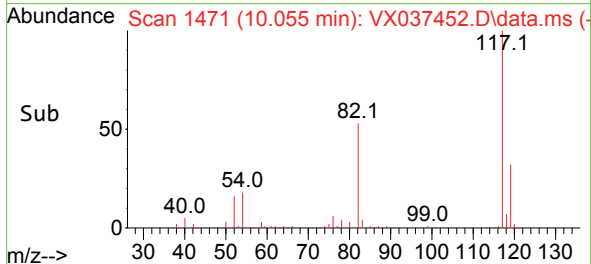
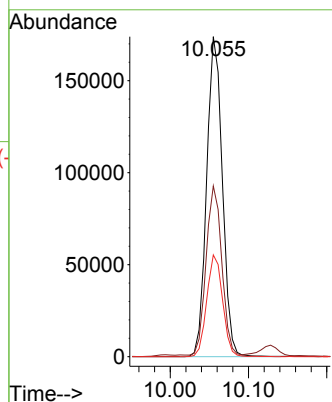
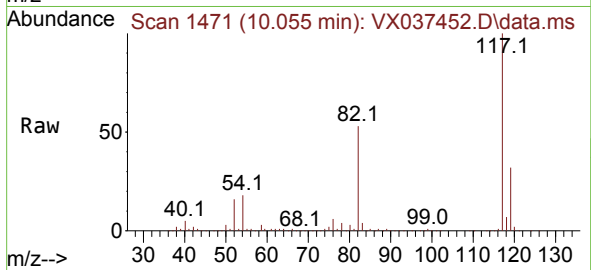




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

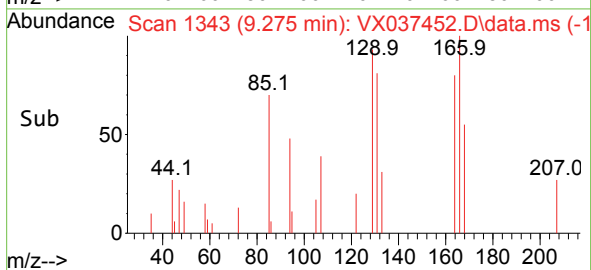
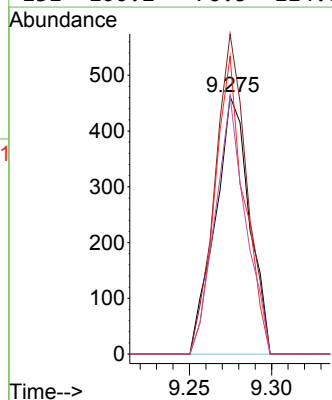
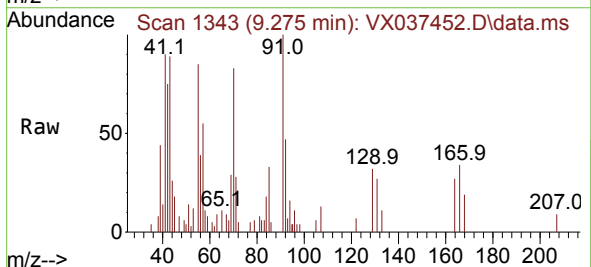
Instrument :
MSVOA_X
ClientSampleId :

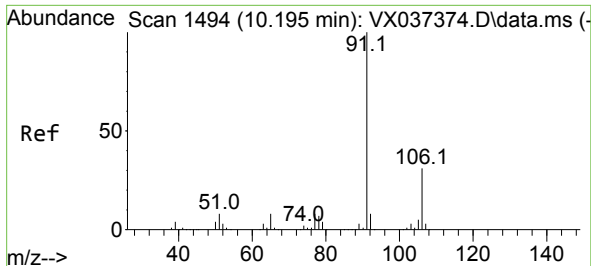
Tgt Ion:117 Resp: 241954
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.377 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion:164 Resp: 666
Ion Ratio Lower Upper
164 100
166 124.2 102.7 154.1
129 115.6 80.4 120.6
131 100.2 76.5 114.7





#67

Ethyl Benzene

Concen: 1174.255 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

Instrument :

MSVOA_X

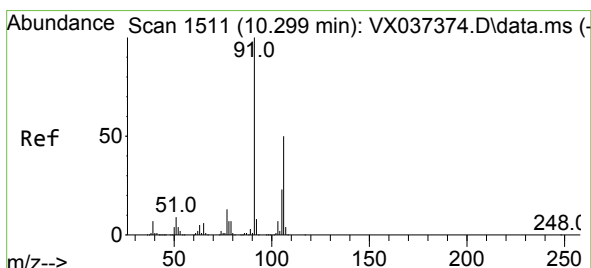
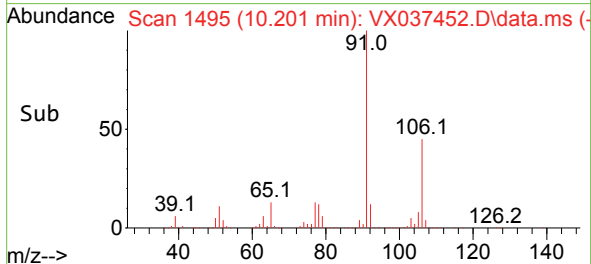
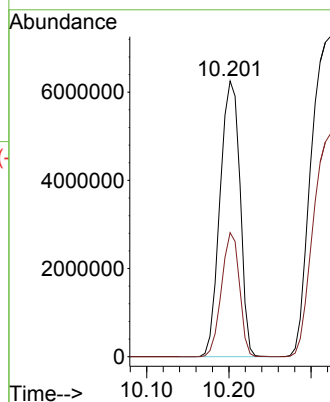
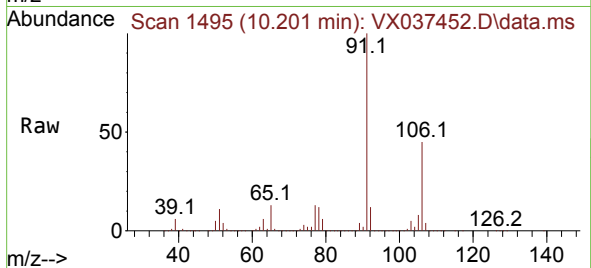
ClientSampleId :

Tgt Ion: 91 Resp:10566314

Ion Ratio Lower Upper

91 100

106 45.0 24.9 37.3#



#68

m/p-Xylenes

Concen: 3298.523 ug/l

RT: 10.323 min Scan# 1515

Delta R.T. 0.024 min

Lab File: VX037452.D

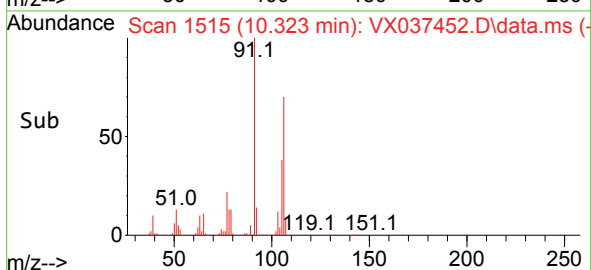
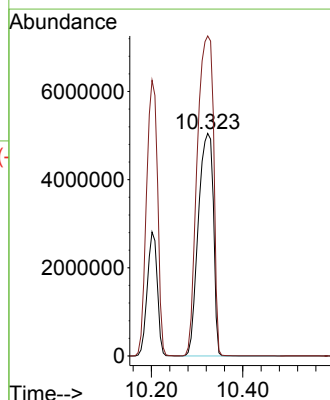
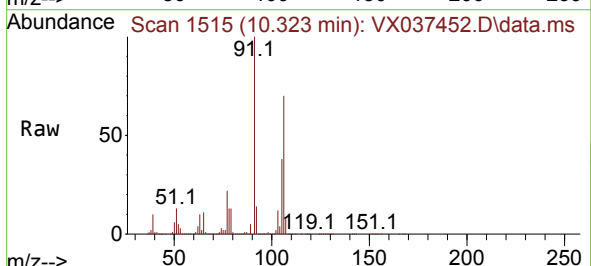
Acq: 31 Aug 2023 23:57

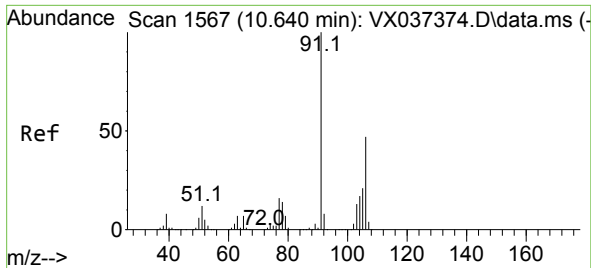
Tgt Ion:106 Resp:11462122

Ion Ratio Lower Upper

106 100

91 156.1 165.5 248.3#

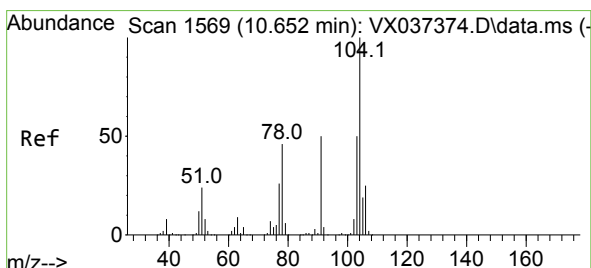
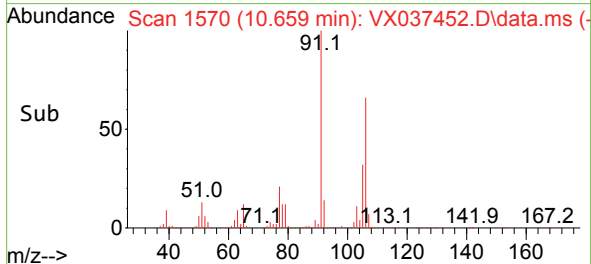
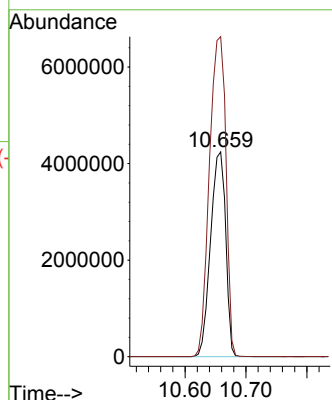
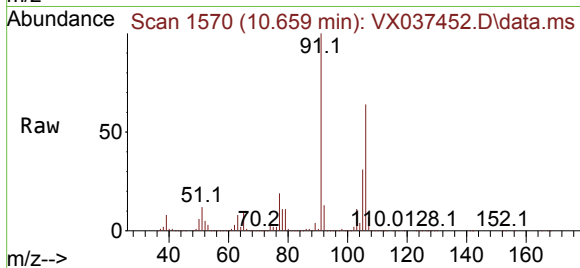




#69
o-Xylene
Concen: 2124.981 ug/l
RT: 10.659 min Scan# 1567
Delta R.T. 0.018 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

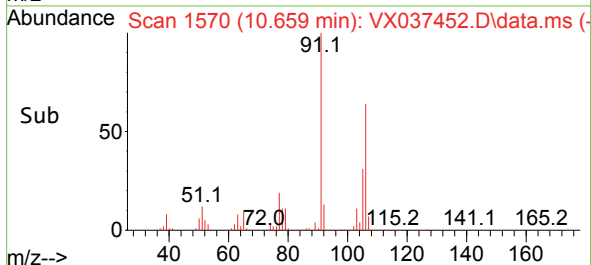
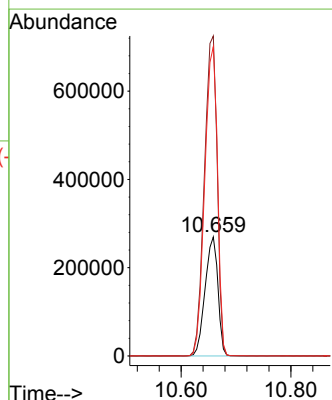
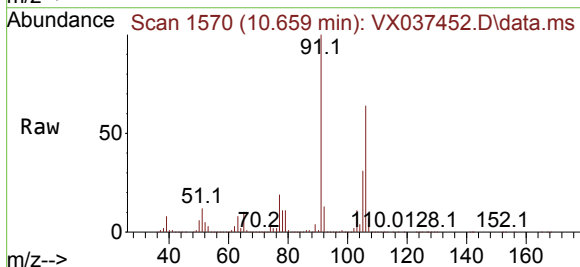
Instrument :
MSVOA_X
ClientSampleId :

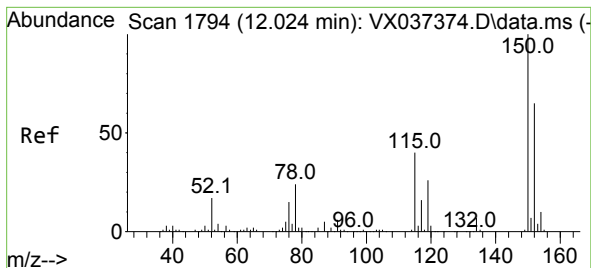
Tgt Ion:106 Resp: 7285292
Ion Ratio Lower Upper
106 100
91 170.7 108.9 326.8



#70
Styrene
Concen: 77.209 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion:104 Resp: 436033
Ion Ratio Lower Upper
104 100
78 269.6 43.6 65.4#
103 260.1 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

Instrument :

MSVOA_X

ClientSampleId :

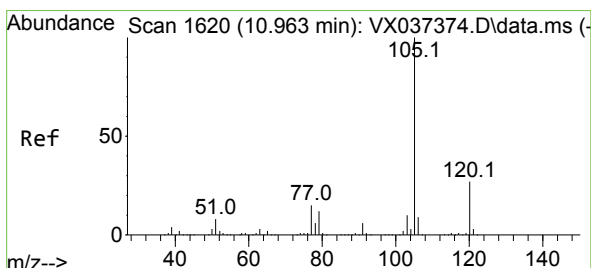
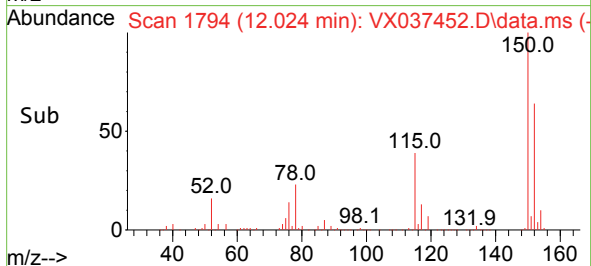
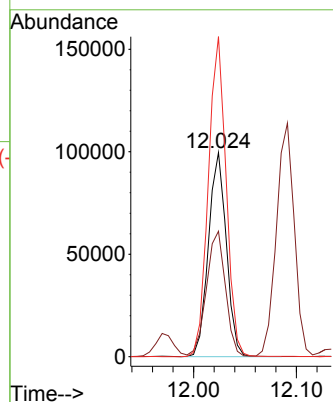
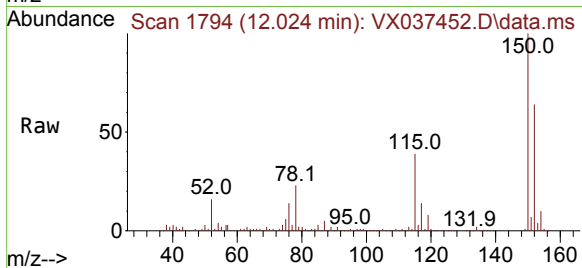
Tgt Ion:152 Resp: 120974

Ion Ratio Lower Upper

152 100

115 64.4 43.3 129.9

150 155.8 0.0 345.0



#73

Isopropylbenzene

Concen: 109.531 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX037452.D

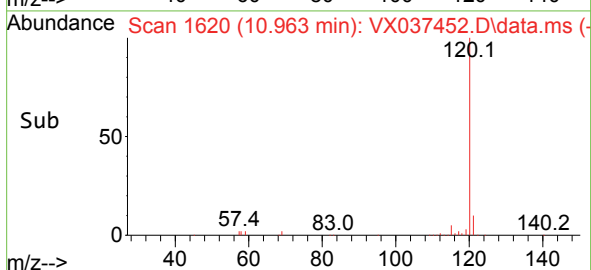
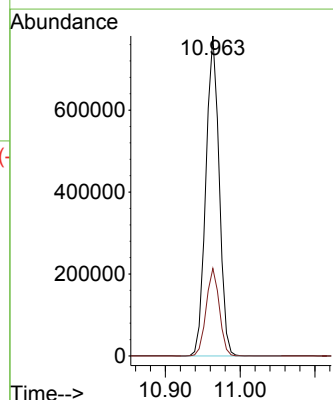
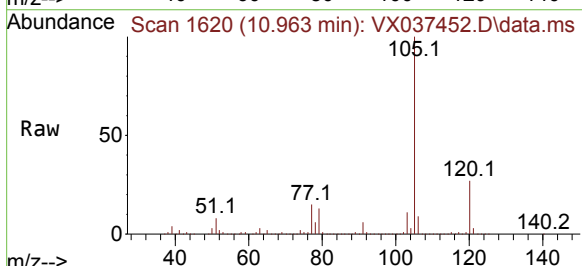
Acq: 31 Aug 2023 23:57

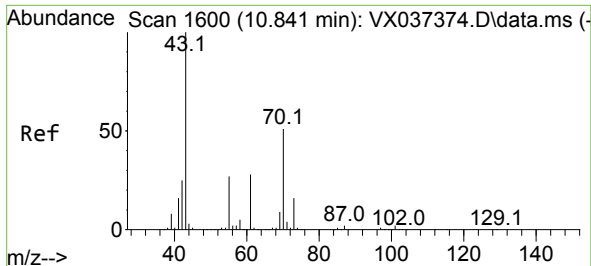
Tgt Ion:105 Resp: 963104

Ion Ratio Lower Upper

105 100

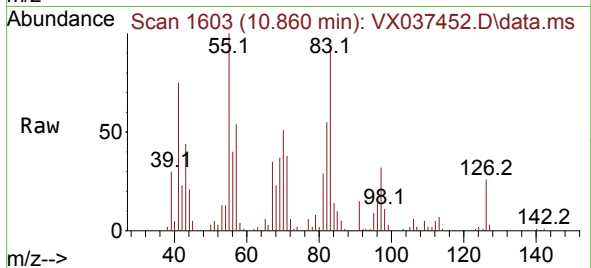
120 27.0 12.9 38.6





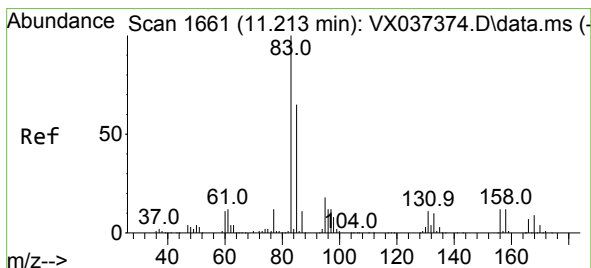
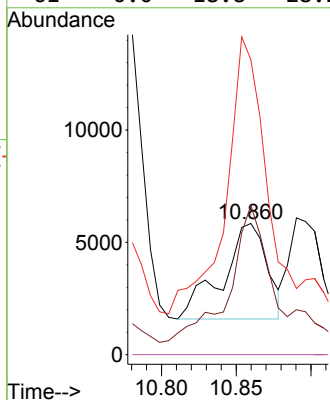
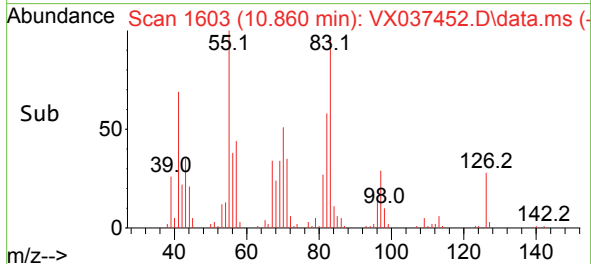
#74
N-amy1 acetate
Concen: 2.591 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Instrument :
MSVOA_X
ClientSampleId :

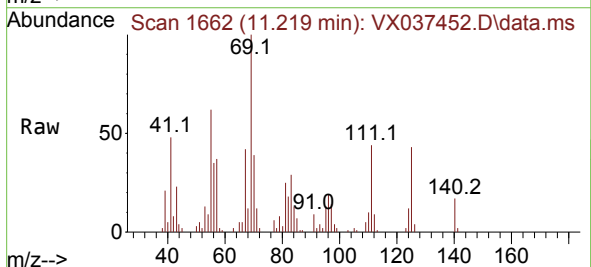


Tgt Ion: 43 Resp: 8852

Ion	Ratio	Lower	Upper
43	100		
70	144.0	32.9	49.3#
55	286.5	19.3	28.9#
61	0.0	18.8	28.2#

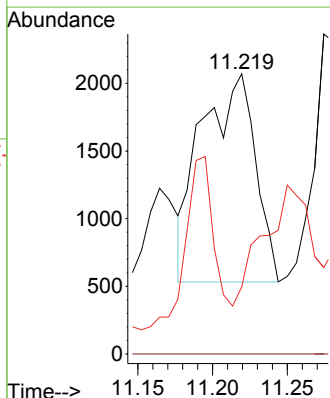
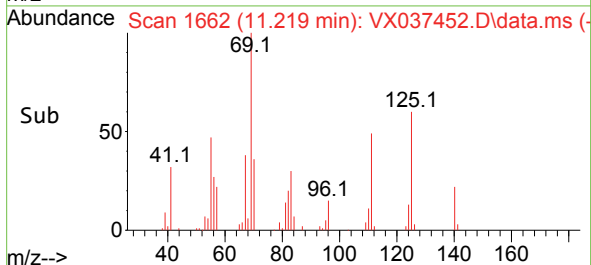


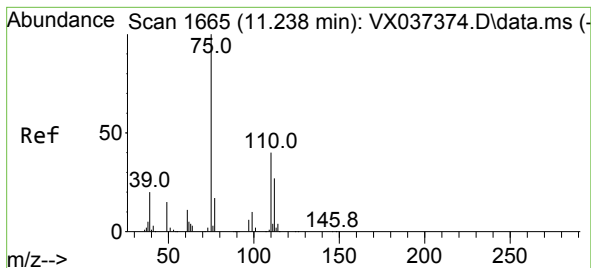
#75
1,1,2,2-Tetrachloroethane
Concen: 1.306 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57



Tgt Ion: 83 Resp: 3866

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.3	15.8#
85	0.0	32.0	96.2#

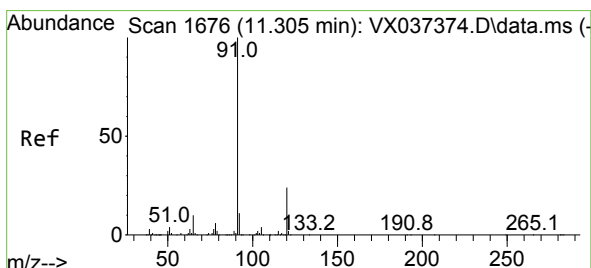
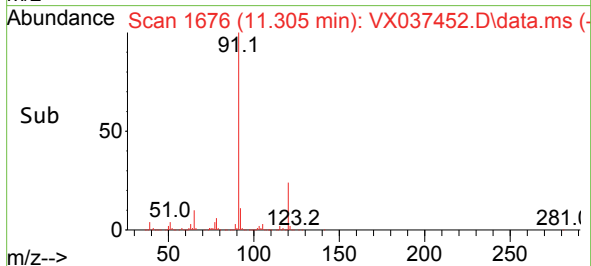
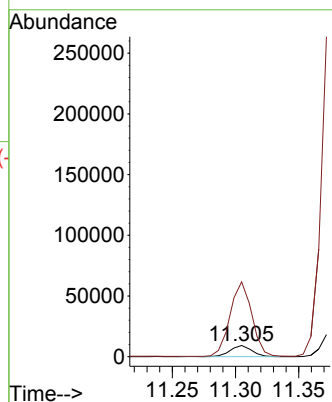
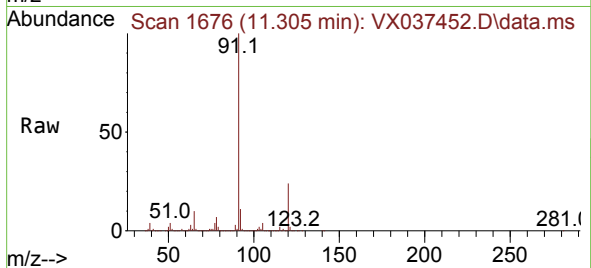




#76
1,2,3-Trichloropropane
Concen: 4.272 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.067 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

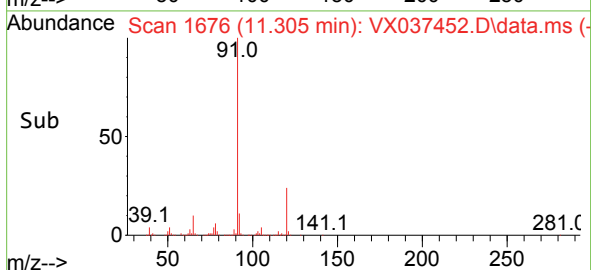
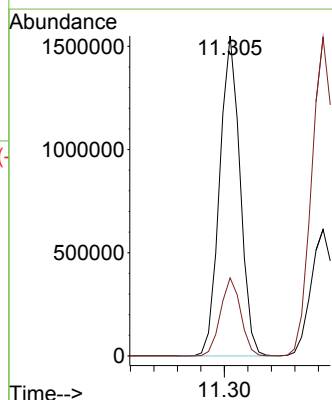
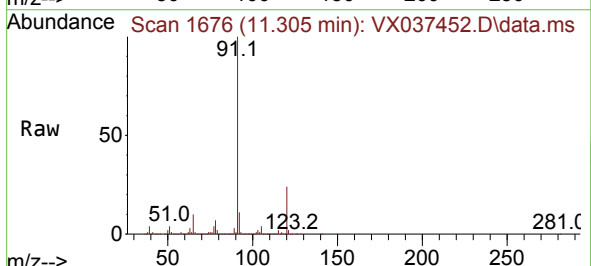
Instrument :
MSVOA_X
ClientSampleId :

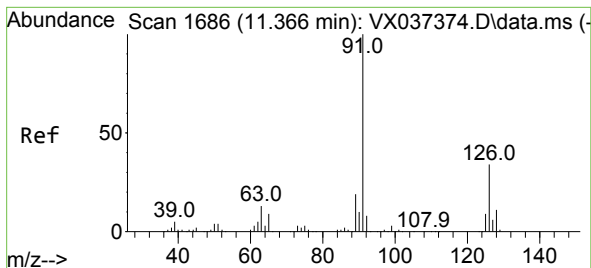
Tgt Ion: 75 Resp: 11006
Ion Ratio Lower Upper
75 100
77 667.8 19.1 57.5#



#78
n-propylbenzene
Concen: 191.000 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion: 91 Resp: 1870110
Ion Ratio Lower Upper
91 100
120 24.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 164.840 ug/l

RT: 11.384 min Scan# 1

Delta R.T. 0.018 min

Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

Instrument :

MSVOA_X

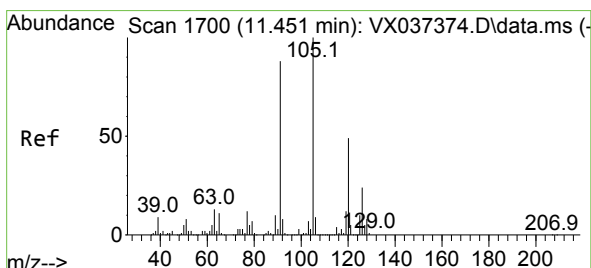
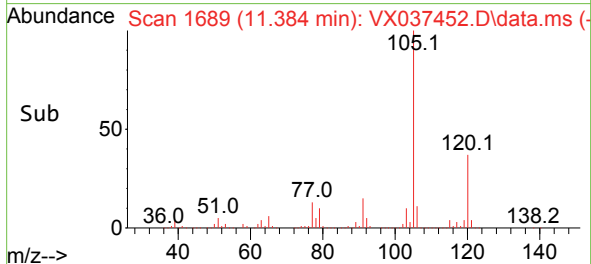
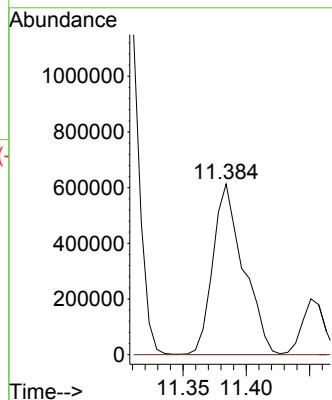
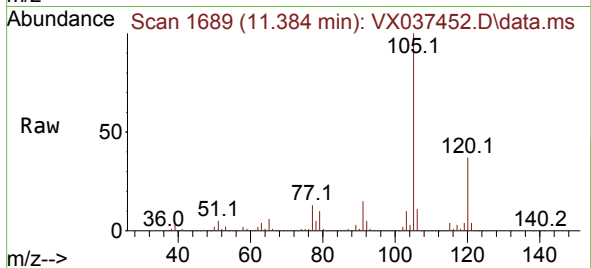
ClientSampleId :

Tgt Ion: 91 Resp: 1031396

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 308.393 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037452.D

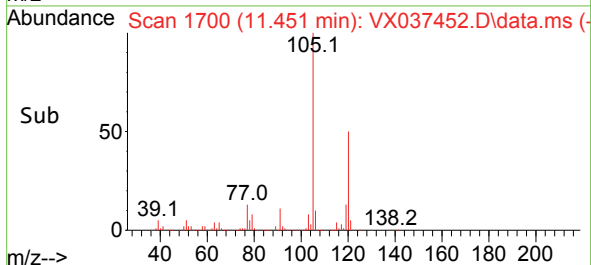
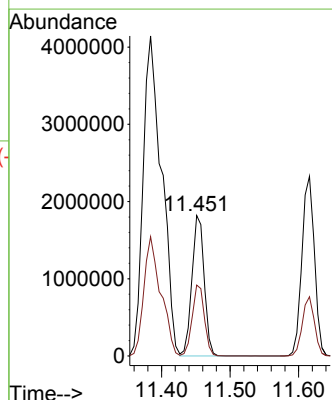
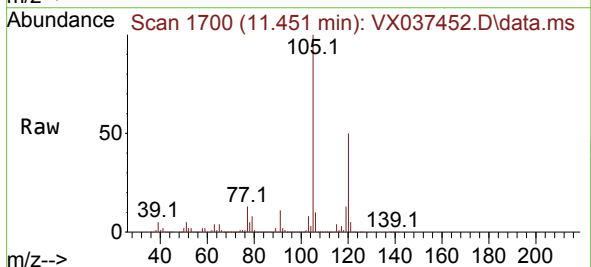
Acq: 31 Aug 2023 23:57

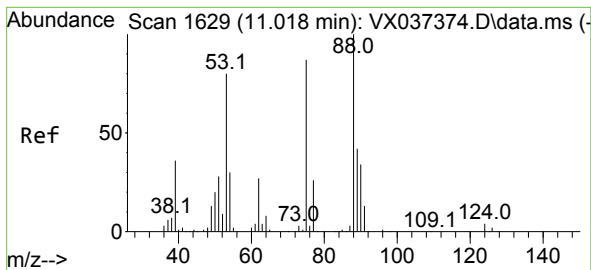
Tgt Ion:105 Resp: 2262045

Ion Ratio Lower Upper

105 100

120 50.2 24.1 72.3

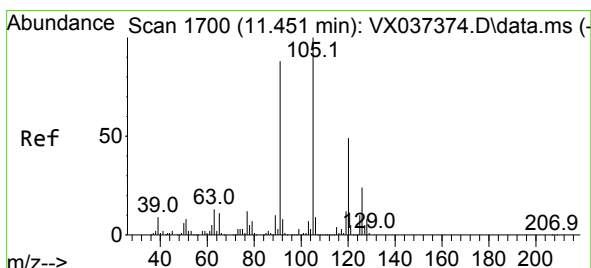
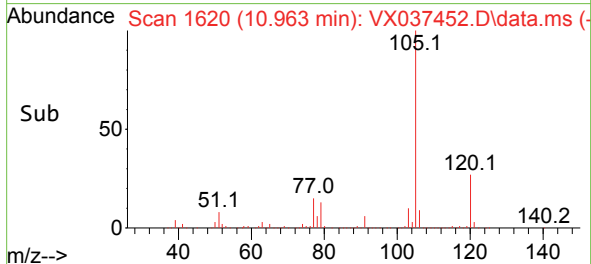
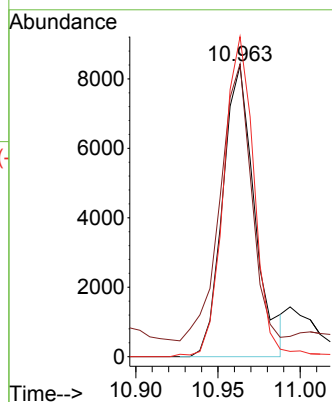
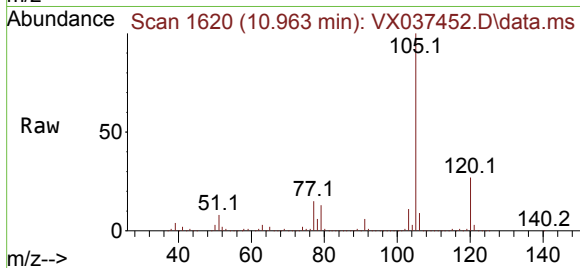




#81
 trans-1,4-Dichloro-2-butene
 Concen: 12.281 ug/l
 RT: 10.963 min Scan# 1
 Delta R.T. -0.055 min
 Lab File: VX037452.D
 Acq: 31 Aug 2023 23:57

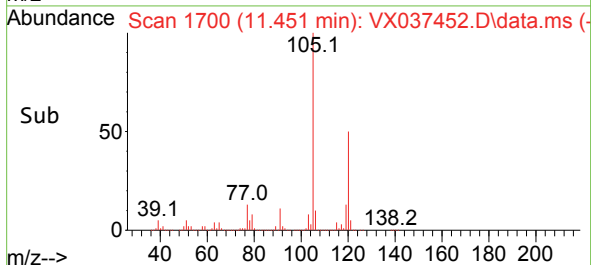
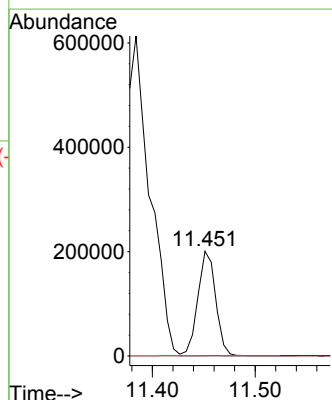
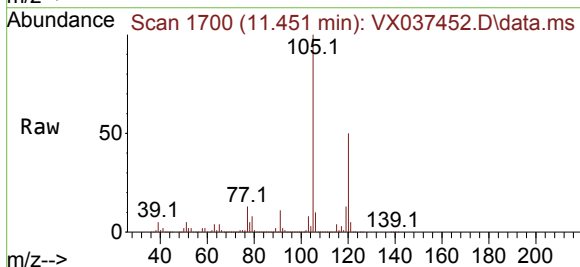
Instrument :
 MSVOA_X
 ClientSampleId :

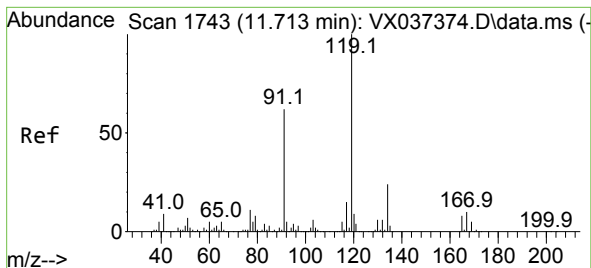
Tgt Ion: 75 Resp: 11328
 Ion Ratio Lower Upper
 75 100
 53 93.1 90.5 135.7
 89 105.3 36.9 55.3#



#82
 4-Chlorotoluene
 Concen: 33.478 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX037452.D
 Acq: 31 Aug 2023 23:57

Tgt Ion: 91 Resp: 241795
 Ion Ratio Lower Upper
 91 100
 126 0.2 14.2 42.6#





#83

tert-Butylbenzene

Concen: 165.869 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.043 min

Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

Instrument :

MSVOA_X

ClientSampleId :

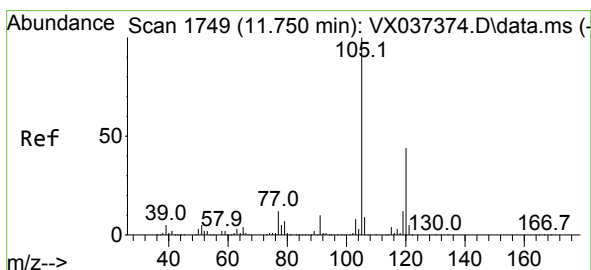
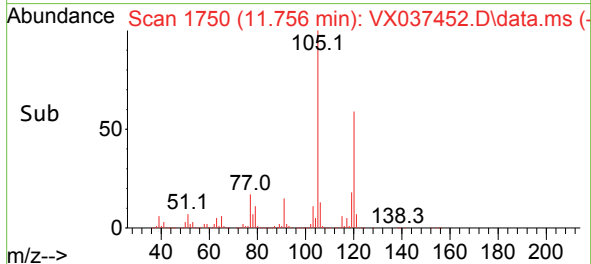
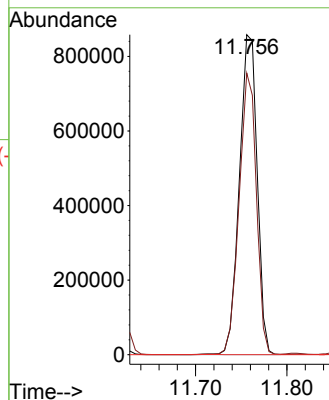
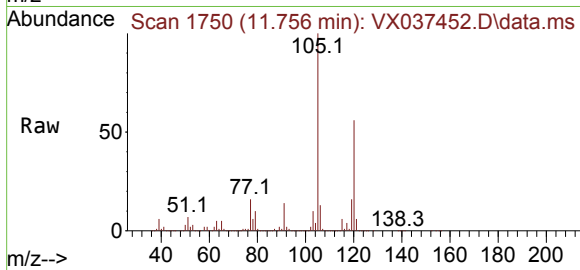
Tgt Ion:119 Resp: 1160299

Ion Ratio Lower Upper

119 100

91 85.5 31.2 93.6

134 0.0 11.7 35.0#



#84

1,2,4-Trimethylbenzene

Concen: 1047.298 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX037452.D

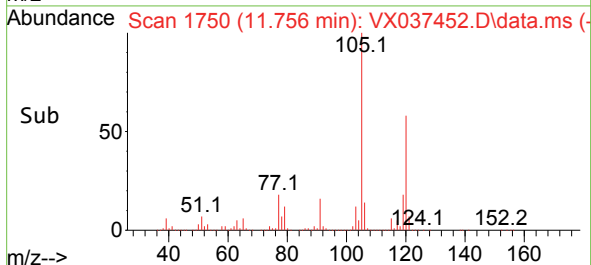
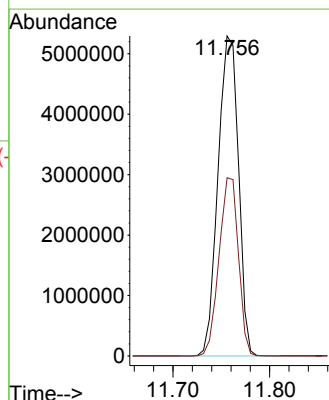
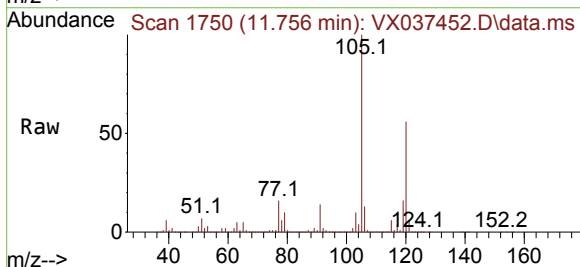
Acq: 31 Aug 2023 23:57

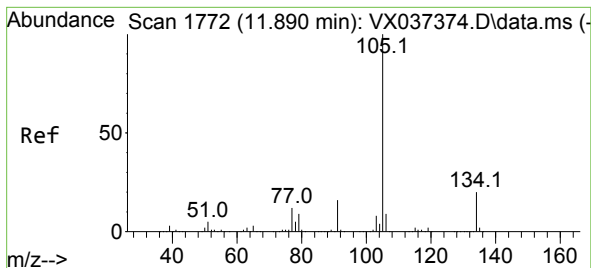
Tgt Ion:105 Resp: 7763644

Ion Ratio Lower Upper

105 100

120 52.8 21.2 63.6





#85

sec-Butylbenzene

Concen: 950.173 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.134 min

Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

Instrument :

MSVOA_X

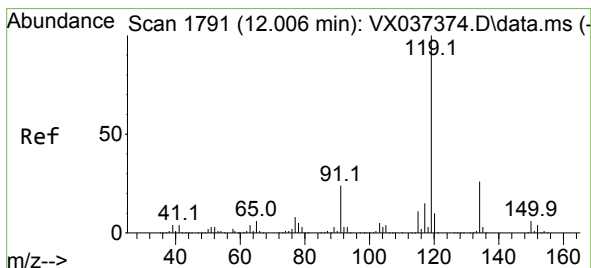
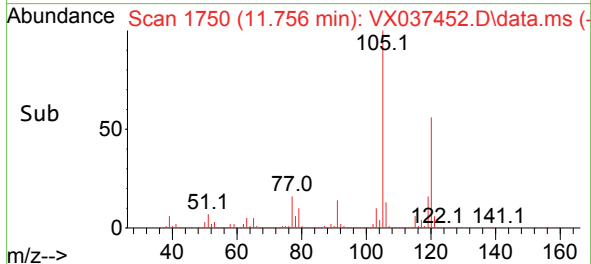
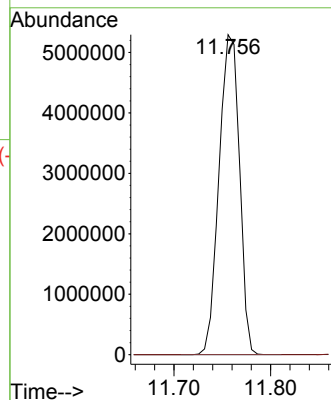
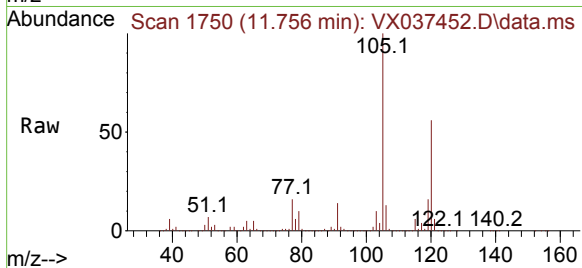
ClientSampleId :

Tgt Ion:105 Resp: 7763644

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 27.078 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.037 min

Lab File: VX037452.D

Acq: 31 Aug 2023 23:57

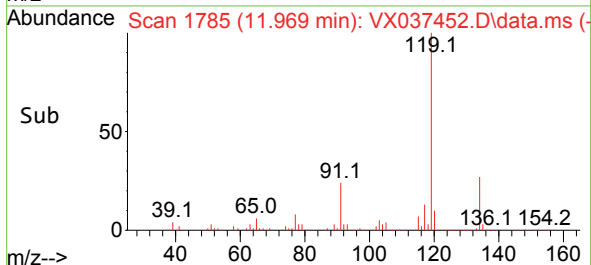
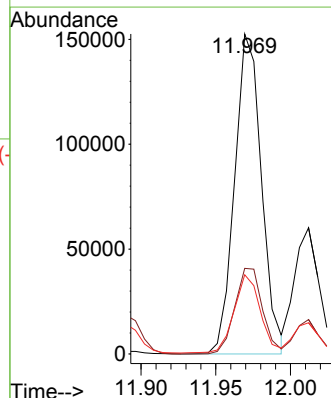
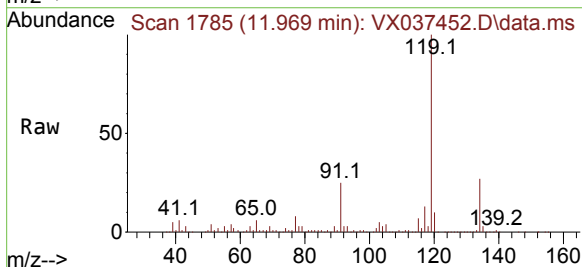
Tgt Ion:119 Resp: 190458

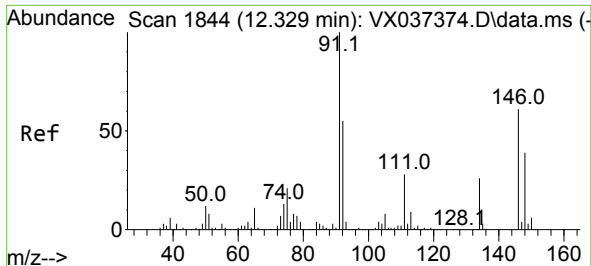
Ion Ratio Lower Upper

119 100

134 27.5 12.8 38.3

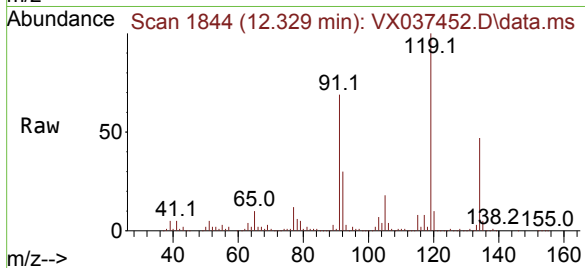
91 23.9 13.1 39.3



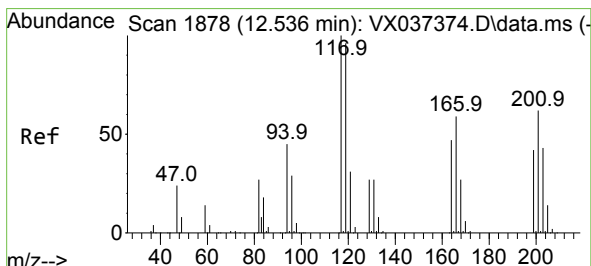
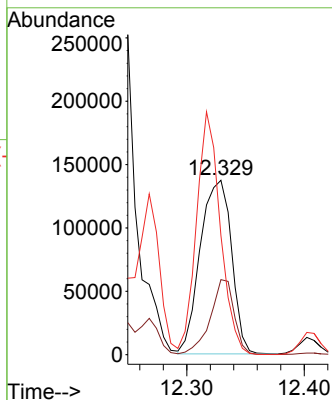
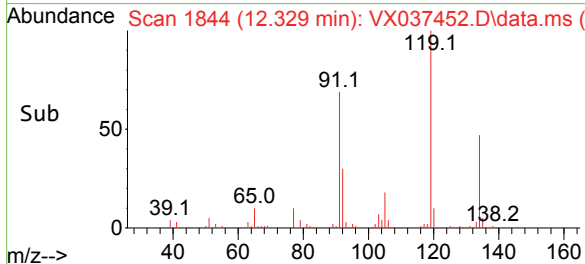


#89
n-Butylbenzene
Concen: 43.499 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Instrument :
MSVOA_X
ClientSampleId :

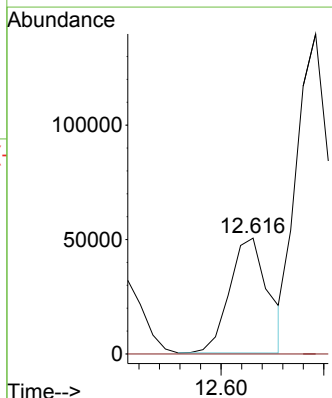
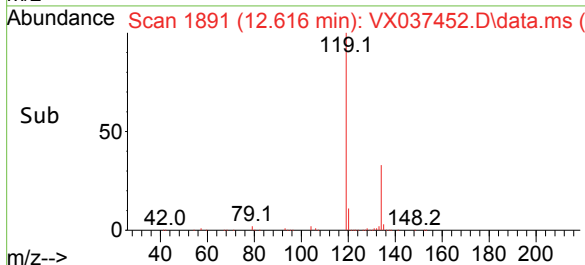
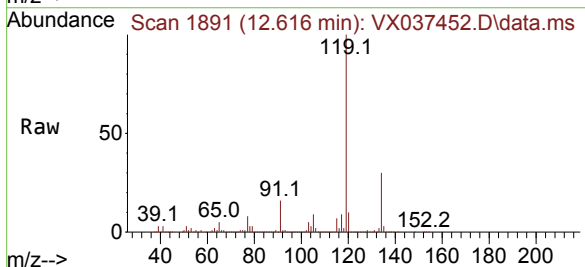


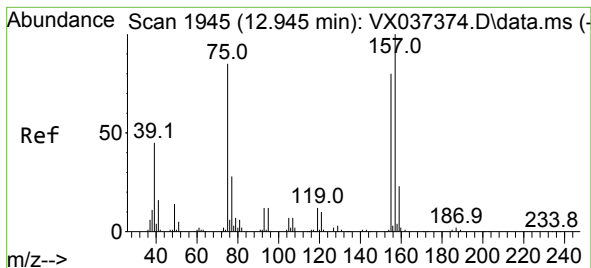
Tgt Ion: 91 Resp: 253670
Ion Ratio Lower Upper
91 100
92 33.0 27.4 82.0
134 106.2 12.6 37.8#



#90
Hexachloroethane
Concen: 56.048 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.079 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

Tgt Ion: 117 Resp: 65800
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#

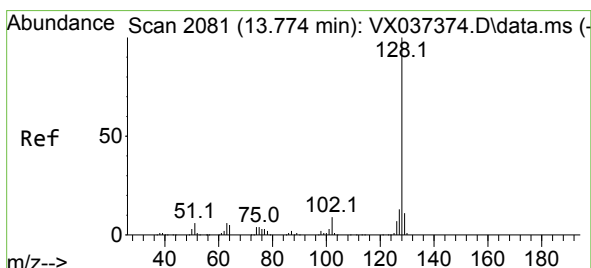
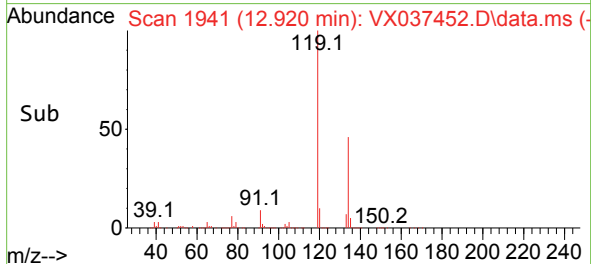
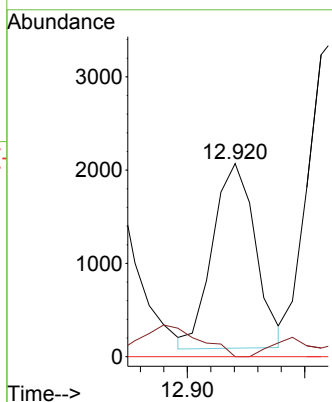
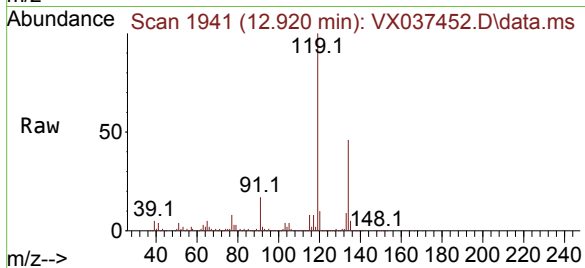




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.660 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.024 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

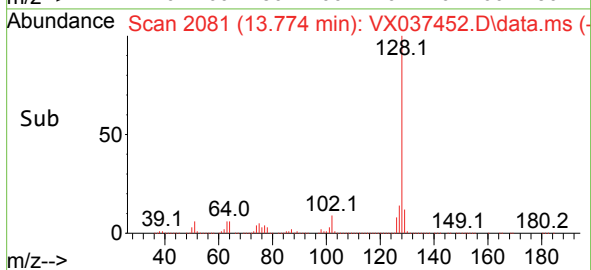
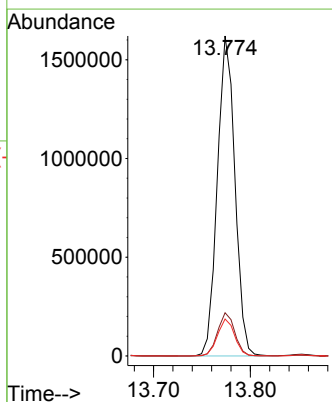
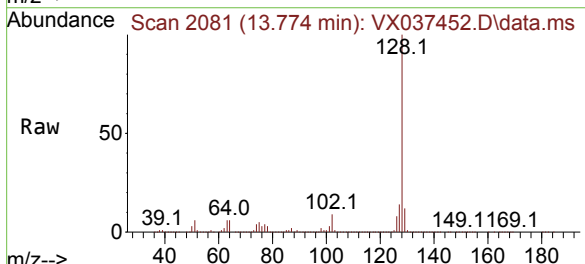
Instrument :
MSVOA_X
ClientSampleId :

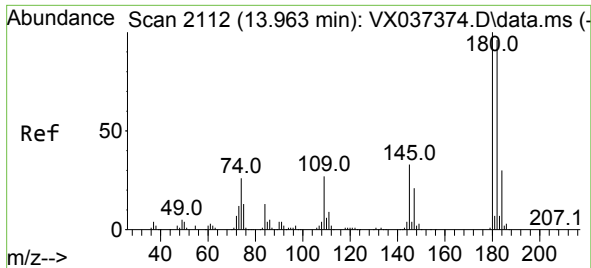
Tgt Ion: 75 Resp: 2518
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#



#95
Naphthalene
Concen: 201.954 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037452.D
Acq: 31 Aug 2023 23:57

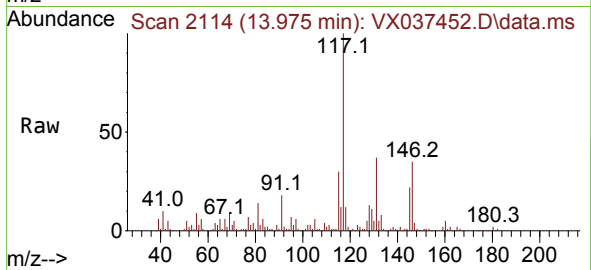
Tgt Ion:128 Resp: 2037879
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.3 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.390 ug/l
 RT: 13.975 min Scan# 2114
 Delta R.T. 0.012 min
 Lab File: VX037452.D
 Acq: 31 Aug 2023 23:57

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 892
 Ion Ratio Lower Upper
 180 100
 182 39.3 46.9 140.6#
 145 1118.7 17.8 53.5#

