

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036738.D
 Acq On : 01 Aug 2023 10:57
 Operator : JC/MD
 Sample : VX0801MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801MBL01

Quant Time: Aug 02 06:22:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

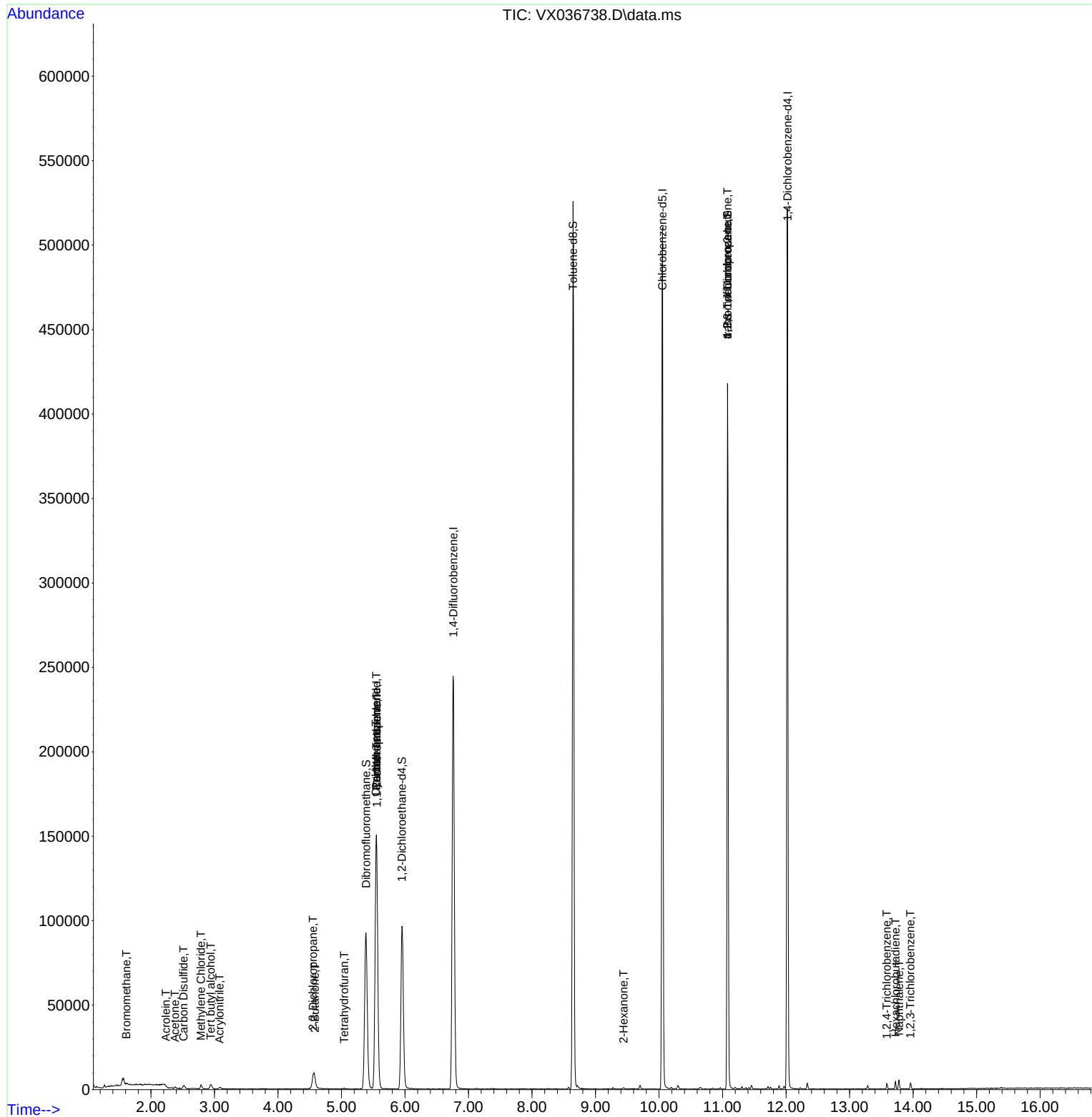
Internal Standards						
1) Pentafluorobenzene	5.549	168	141568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254119	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93678	44.721	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.440%		
35) Dibromofluoromethane	5.385	113	81315	46.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.100%		
50) Toluene-d8	8.646	98	302737	48.875	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.760%		
62) 4-Bromofluorobenzene	11.079	95	113572	48.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.200%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	230	0.222	ug/l #	51
11) Tert butyl alcohol	2.940	59	1842	3.714	ug/l #	78
13) Acrolein	2.233	56	433	1.530	ug/l #	75
15) Acrylonitrile	3.080	53	398	0.399	ug/l #	91
16) Acetone	2.379	43	947	1.089	ug/l #	89
17) Carbon Disulfide	2.513	76	1943	0.444	ug/l #	88
20) Methylene Chloride	2.788	84	1072	0.555	ug/l	94
25) 2-Butanone	4.580	43	1035	0.734	ug/l	91
26) 2,2-Dichloropropane	4.550	77	820	0.262	ug/l #	54
29) Tetrahydrofuran	5.043	42	326	0.359	ug/l #	42
31) Cyclohexane	5.543	56	3272	1.128	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12022	4.618	ug/l #	49
38) Carbon Tetrachloride	5.549	117	15230	5.503	ug/l #	15
59) 2-Hexanone	9.439	43	628	0.301	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	58950	23.601	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	58950	53.494	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	954	0.433	ug/l	97
94) Hexachlorobutadiene	13.725	225	689	0.756	ug/l	94
95) Naphthalene	13.780	128	3876	0.505	ug/l	95
96) 1,2,3-Trichlorobenzene	13.956	180	1149	0.529	ug/l	98

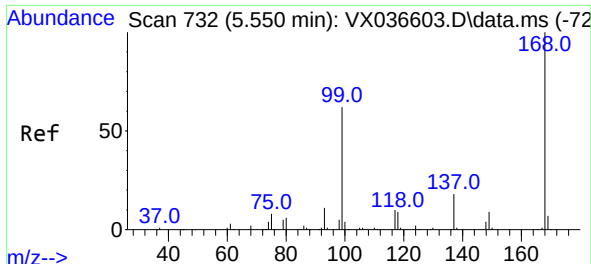
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
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Sample : VX0801MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
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Instrument :
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ClientSampleId :
VX0801MBL01

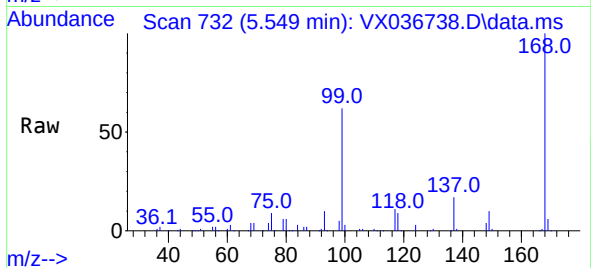
Quant Time: Aug 02 06:22:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



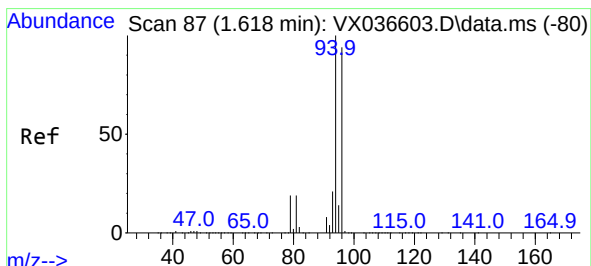
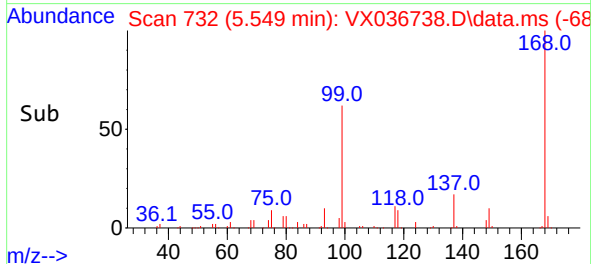
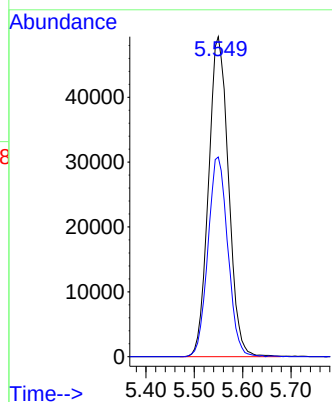


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

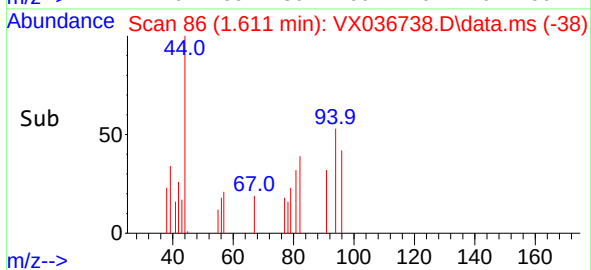
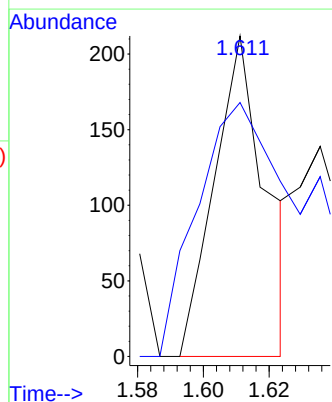
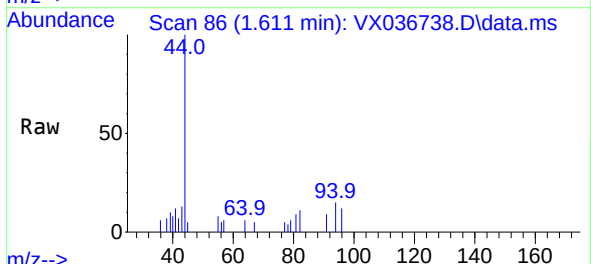


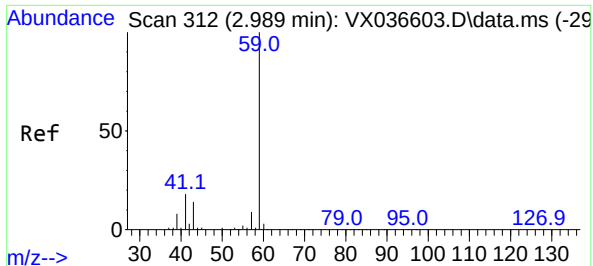
Tgt Ion:168 Resp: 141568
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#5
Bromomethane
Concen: 0.222 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Tgt Ion: 94 Resp: 230
Ion Ratio Lower Upper
94 100
96 46.2 74.6 111.8#





#11

Tert butyl alcohol

Concen: 3.714 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.049 min

Lab File: VX036738.D

Acq: 01 Aug 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

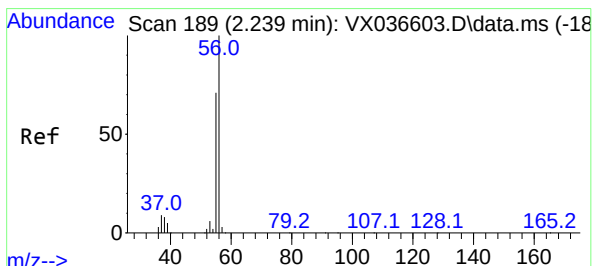
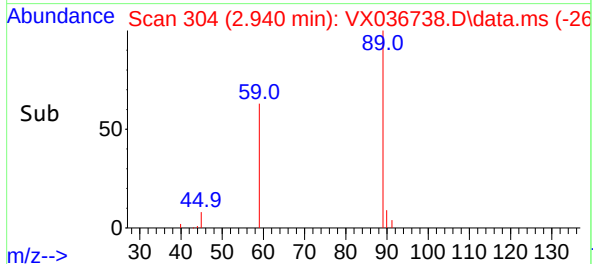
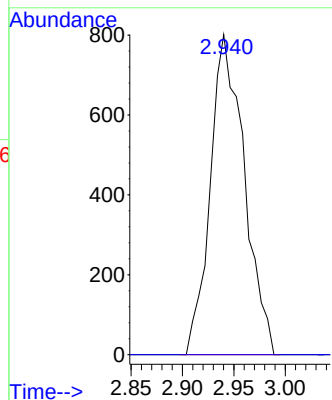
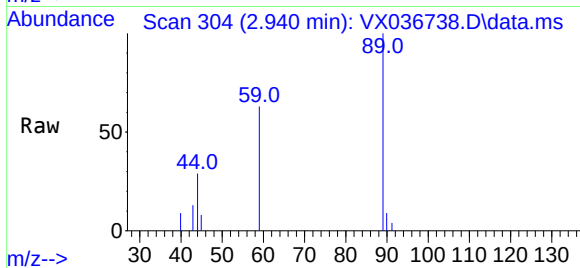
VX0801MBL01

Tgt Ion: 59 Resp: 1842

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 1.530 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX036738.D

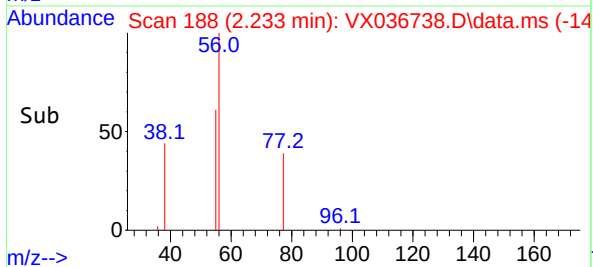
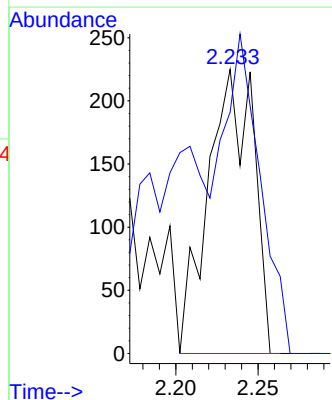
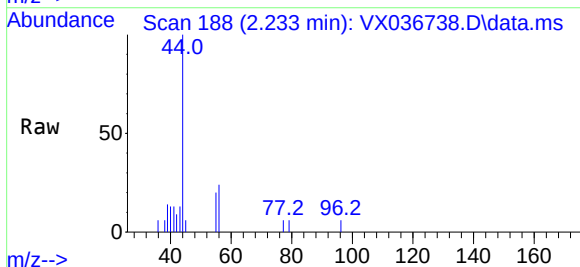
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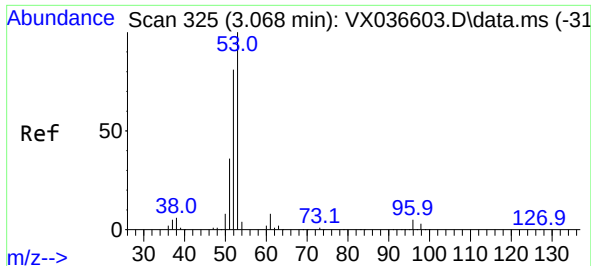
Tgt Ion: 56 Resp: 433

Ion Ratio Lower Upper

56 100

55 91.9 57.1 85.7#

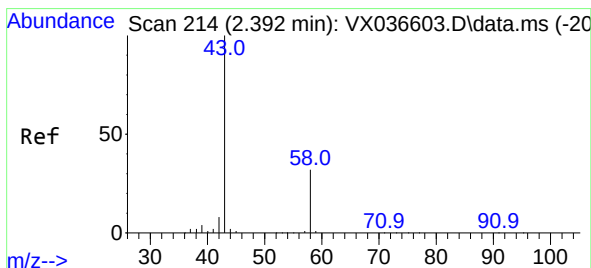
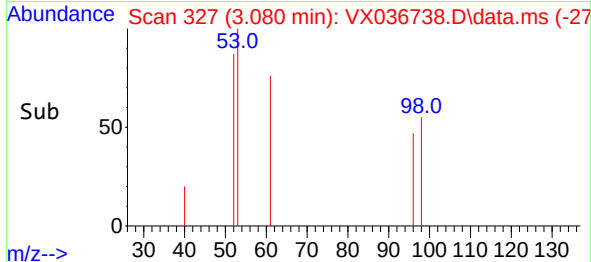
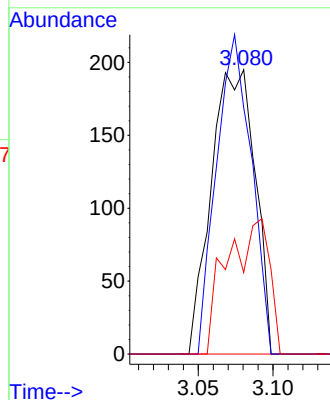
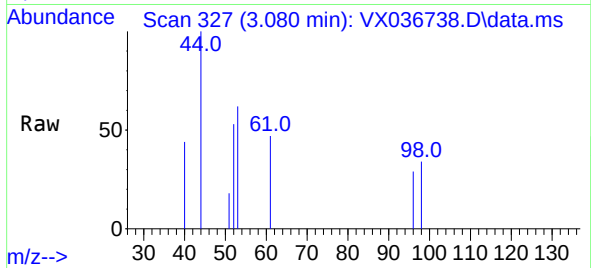




#15
Acrylonitrile
Concen: 0.399 ug/l
RT: 3.080 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

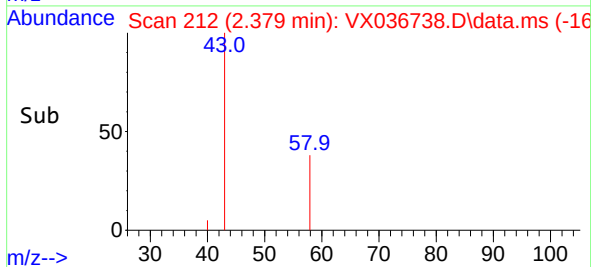
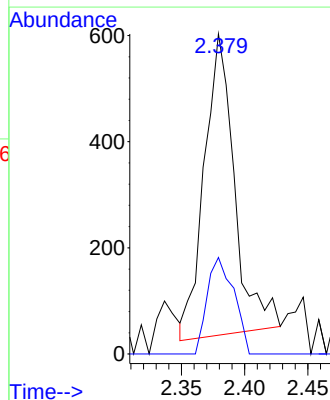
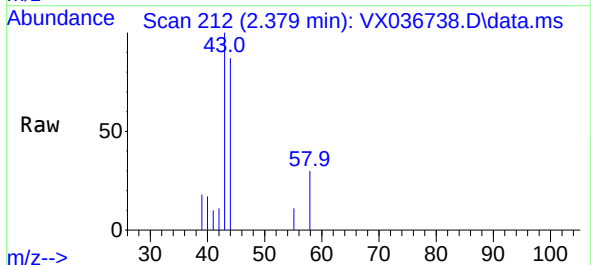
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

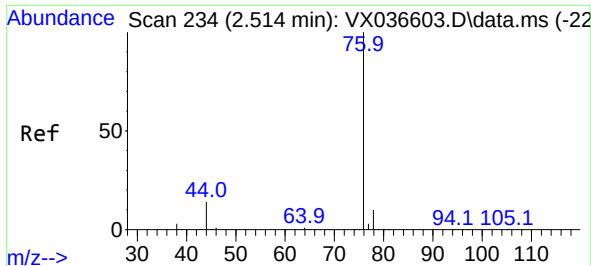
Tgt Ion: 53 Resp: 398
Ion Ratio Lower Upper
53 100
52 88.9 66.0 99.0
51 45.7 29.8 44.6#



#16
Acetone
Concen: 1.089 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#

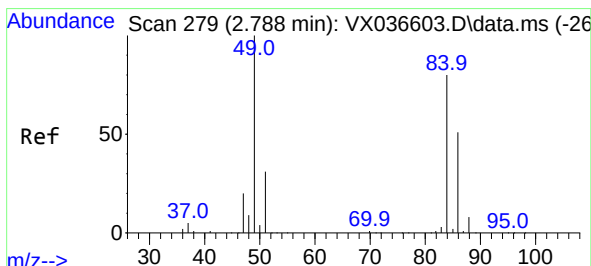
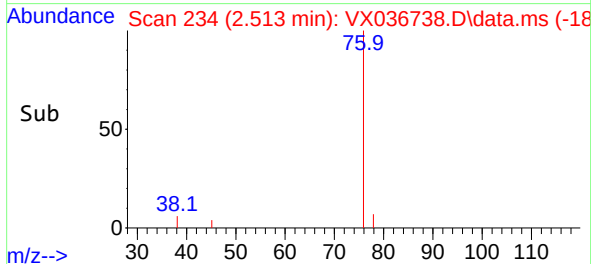
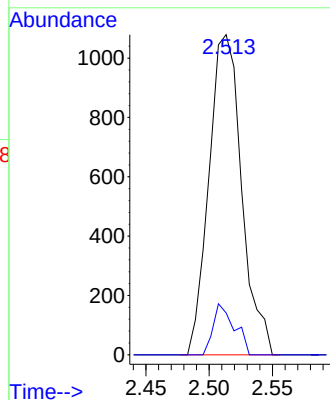
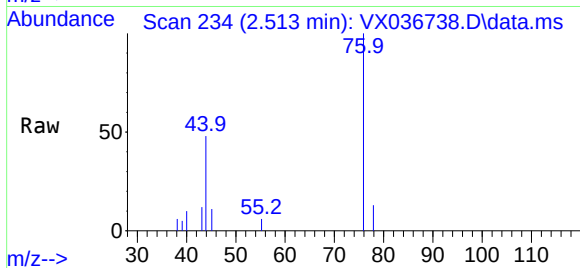




#17
Carbon Disulfide
Concen: 0.444 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

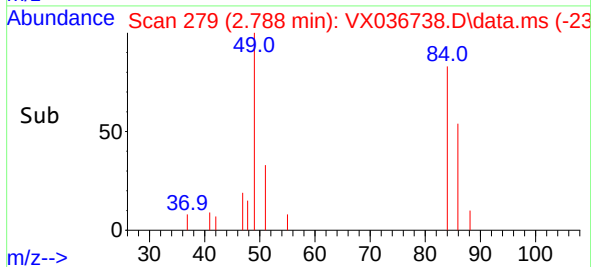
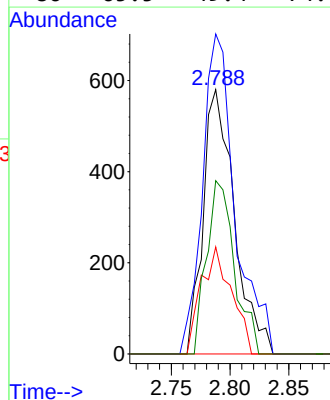
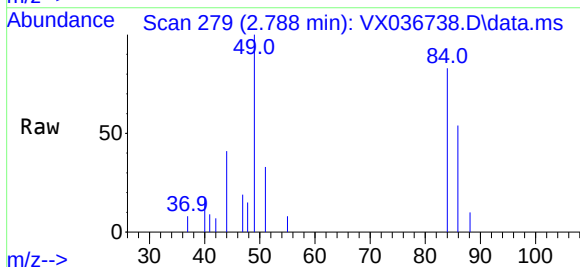
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

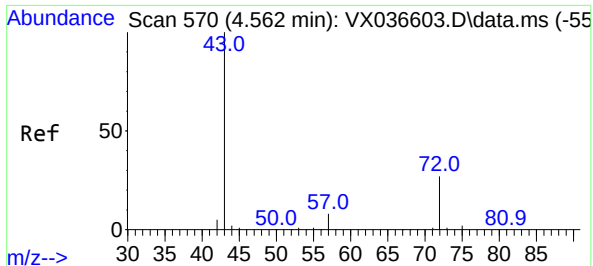
Tgt Ion: 76 Resp: 1943
Ion Ratio Lower Upper
76 100
78 13.1 7.0 10.6#



#20
Methylene Chloride
Concen: 0.555 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Tgt Ion: 84 Resp: 1072
Ion Ratio Lower Upper
84 100
49 121.0 103.6 155.4
51 40.5 33.8 50.6
86 65.5 49.4 74.0

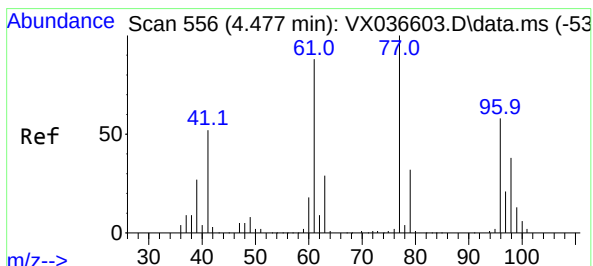
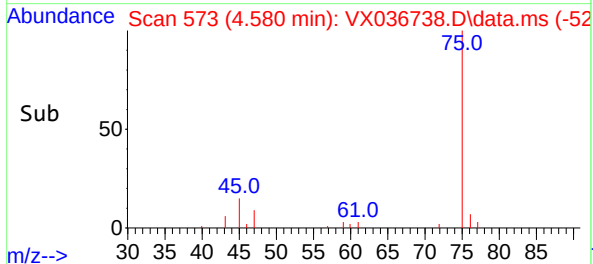
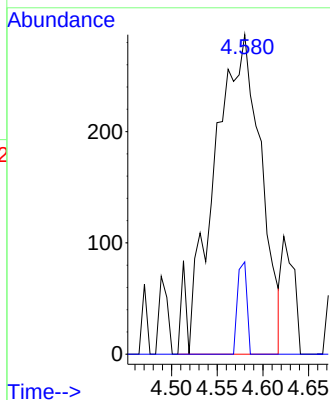
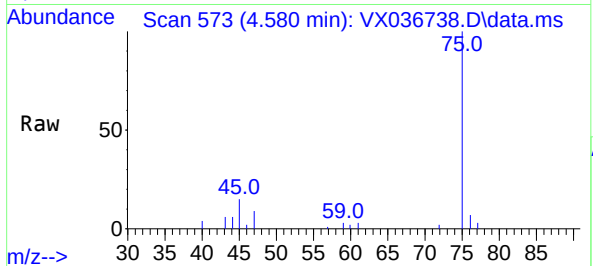




#25
2-Butanone
Concen: 0.734 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

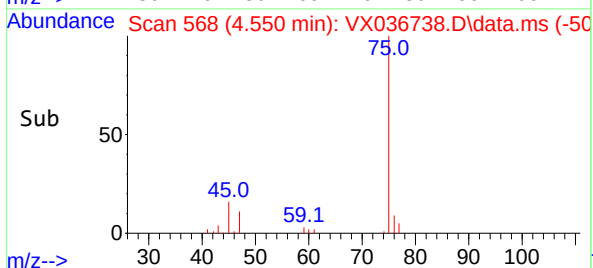
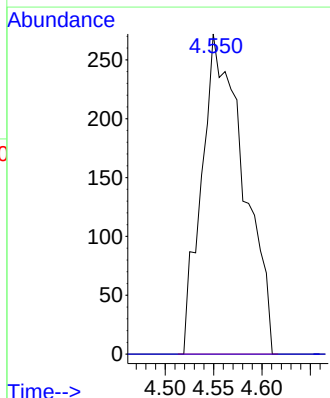
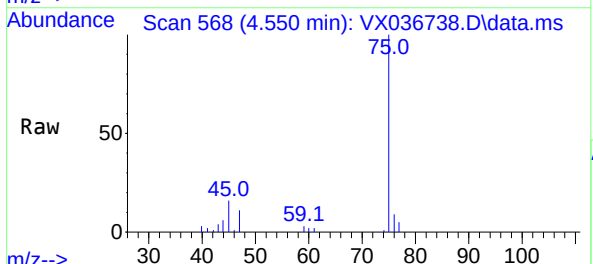
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

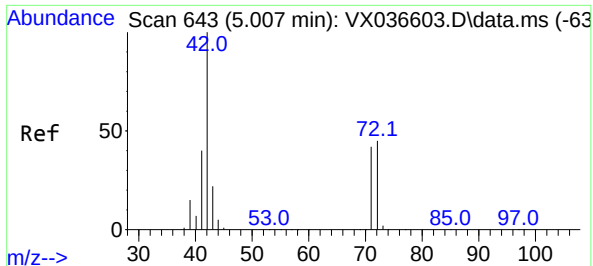
Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
72 28.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 0.262 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.073 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Tgt Ion: 77 Resp: 820
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#29

Tetrahydrofuran

Concen: 0.359 ug/l

RT: 5.043 min Scan# 643

Delta R.T. 0.036 min

Lab File: VX036738.D

Acq: 01 Aug 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VX0801MBL01

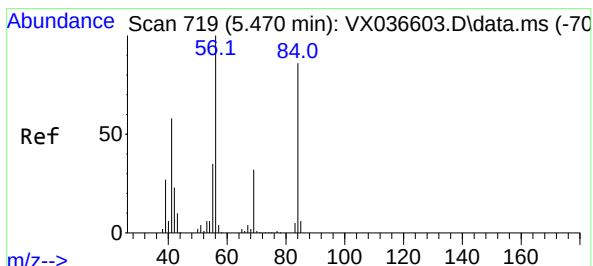
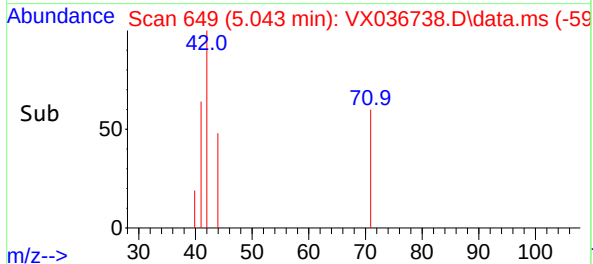
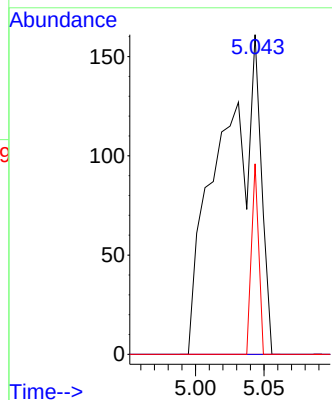
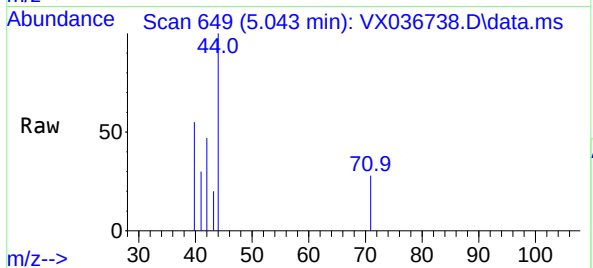
Tgt Ion: 42 Resp: 326

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 10.7 32.2 48.2#



#31

Cyclohexane

Concen: 1.128 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX036738.D

Acq: 01 Aug 2023 10:57

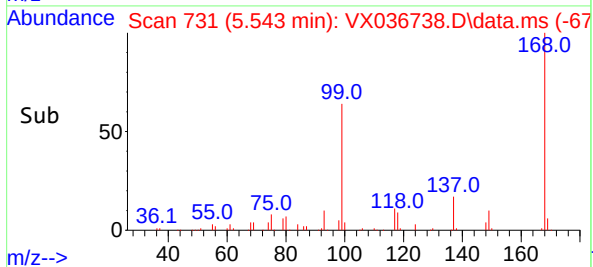
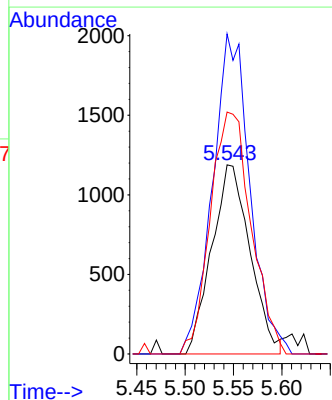
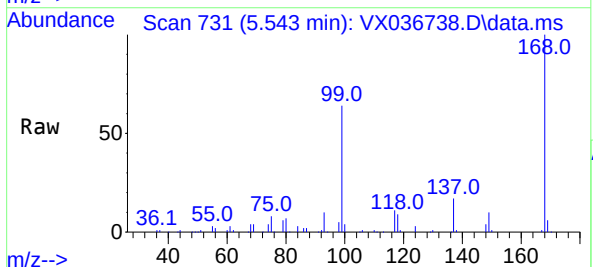
Tgt Ion: 56 Resp: 3272

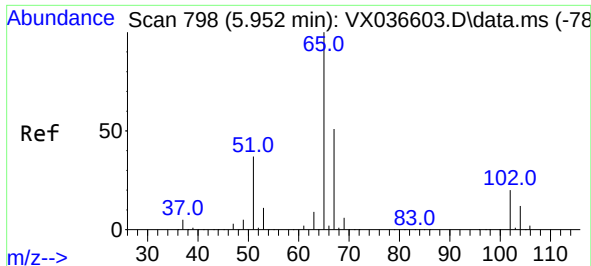
Ion Ratio Lower Upper

56 100

69 169.1 23.4 35.2#

84 127.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.721 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX036738.D

Acq: 01 Aug 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

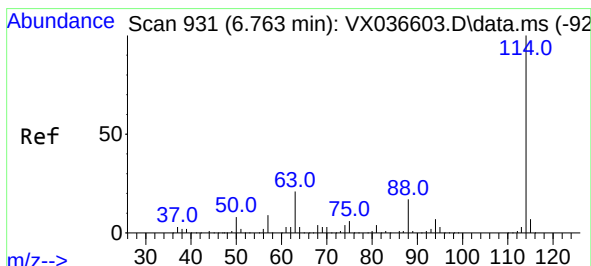
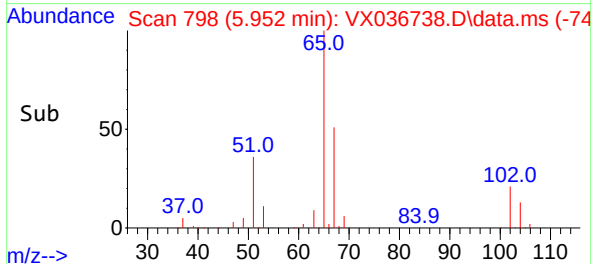
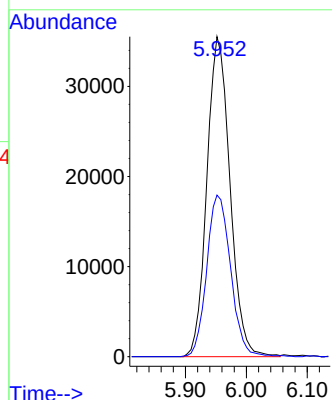
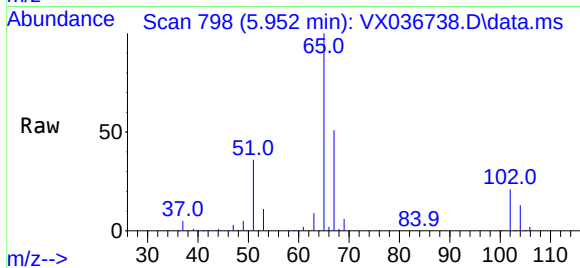
VX0801MBL01

Tgt Ion: 65 Resp: 93678

Ion Ratio Lower Upper

65 100

67 52.3 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: VX036738.D

Acq: 01 Aug 2023 10:57

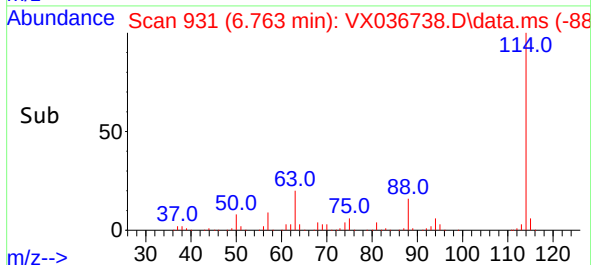
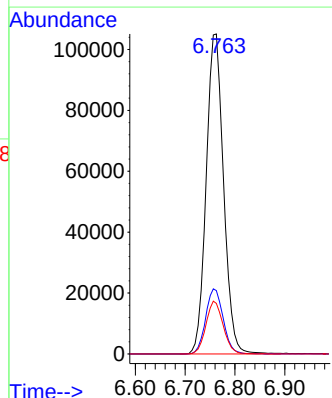
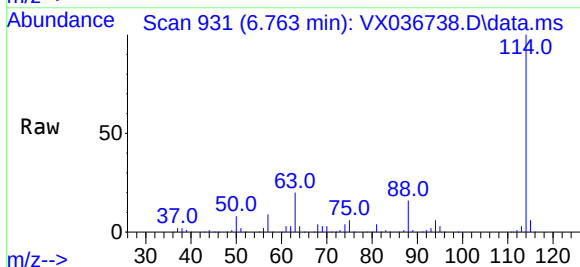
Tgt Ion: 114 Resp: 254119

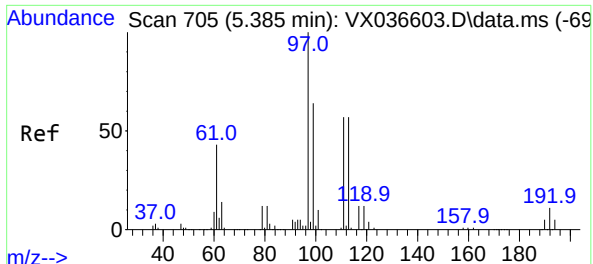
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

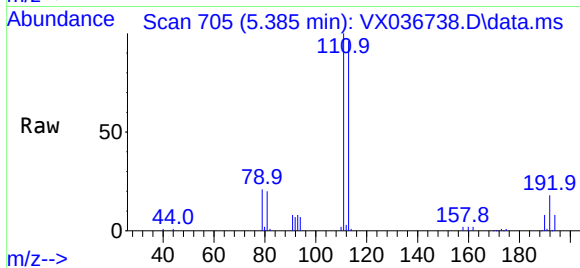
88 15.8 0.0 36.6



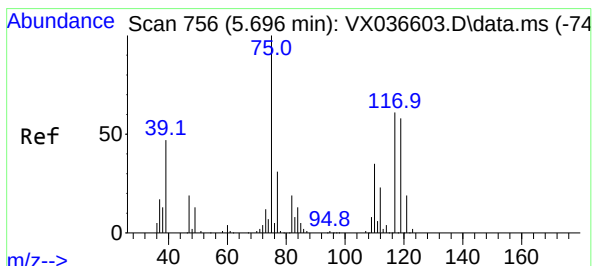
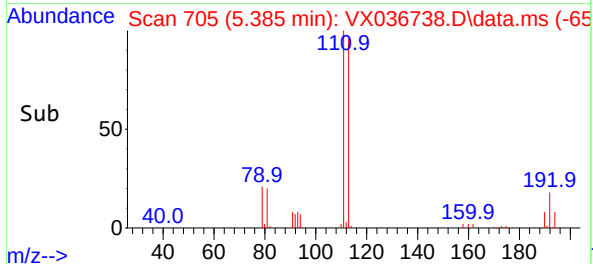
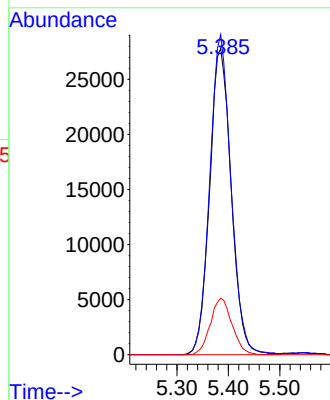


#35
Dibromofluoromethane
Concen: 46.554 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

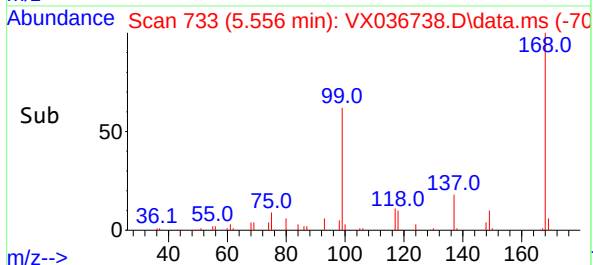
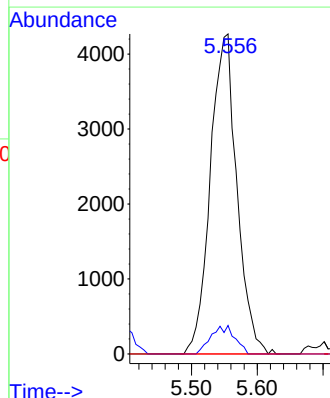
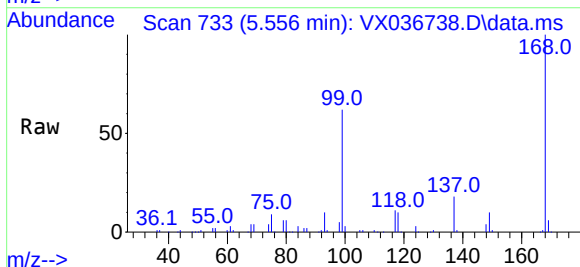


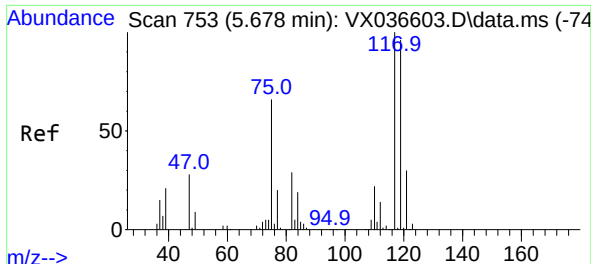
Tgt Ion:	113	Resp:	81315
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	18.4	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.618 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

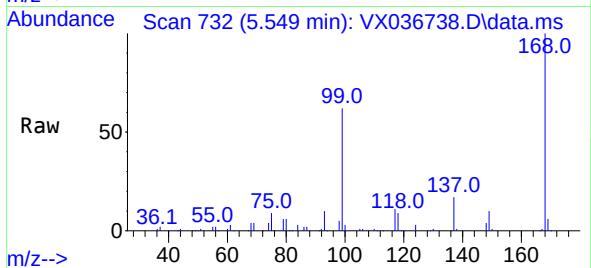
Tgt Ion:	75	Resp:	12022
Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.0	50.9#
77	0.0	24.7	37.1#



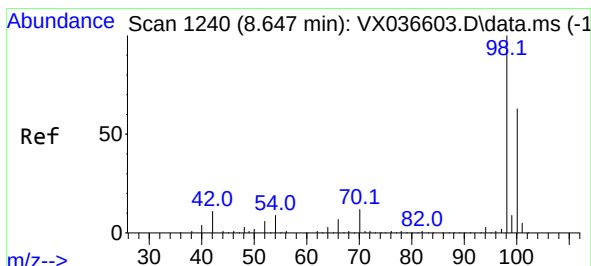
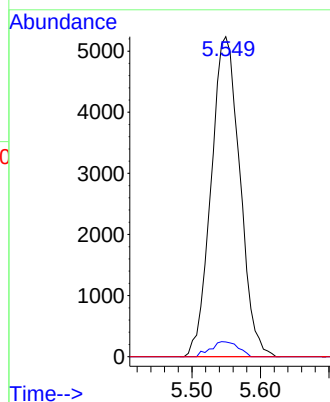
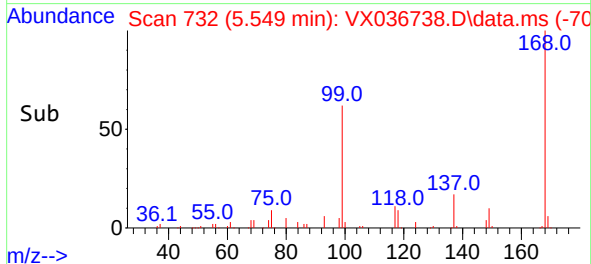


#38
Carbon Tetrachloride
Concen: 5.503 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

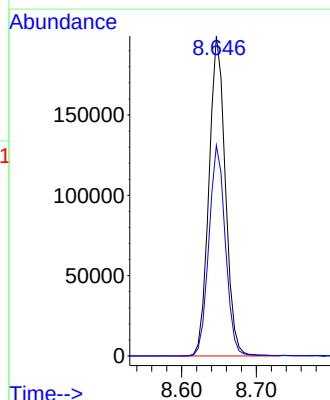
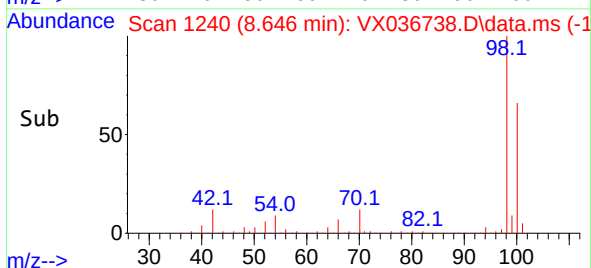
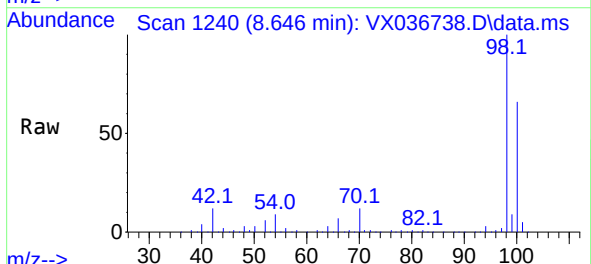


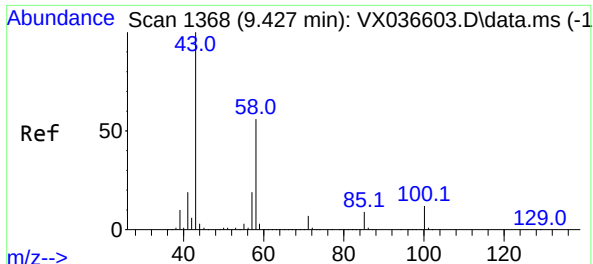
Tgt Ion:117 Resp: 15230
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.875 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Tgt Ion: 98 Resp: 302737
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

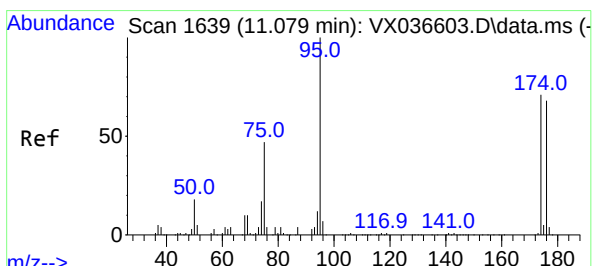
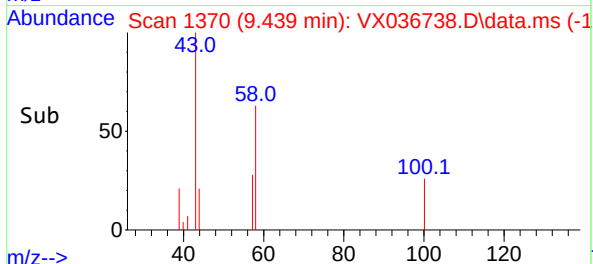
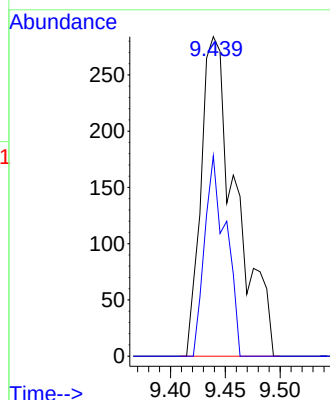
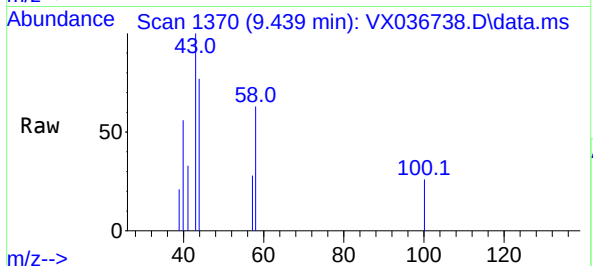




#59
2-Hexanone
Concen: 0.301 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

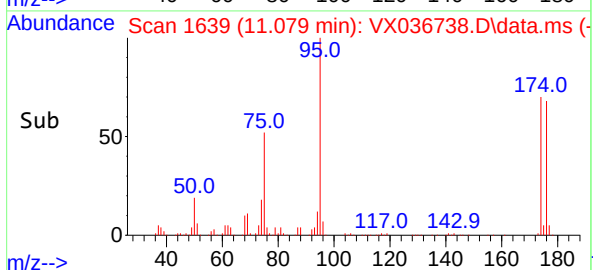
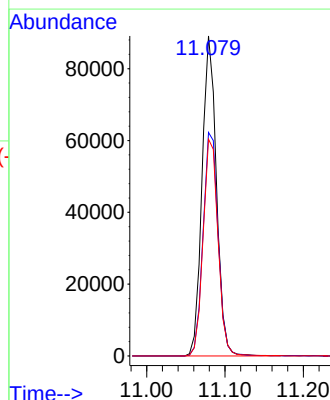
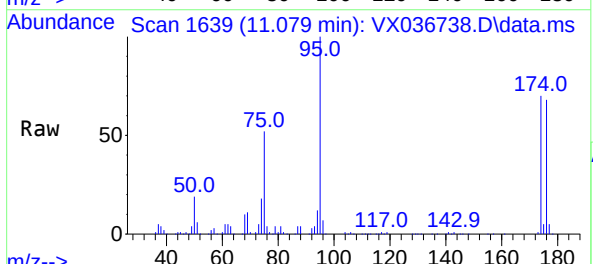
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

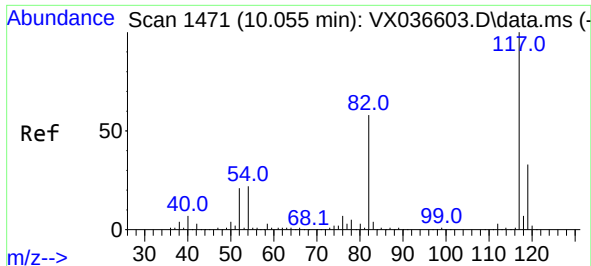
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
58 38.4 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 48.599 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Tgt Ion: 95 Resp: 113572
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 70.4 0.0 131.0

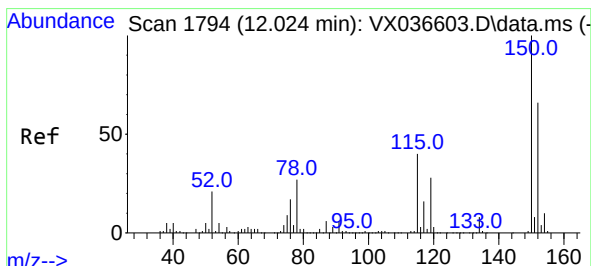
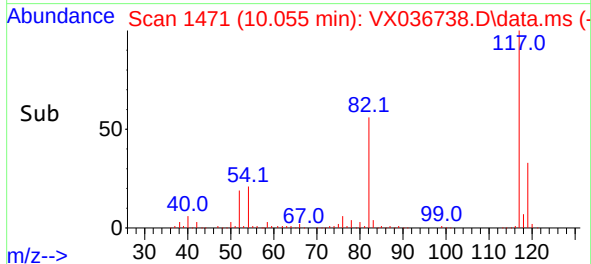
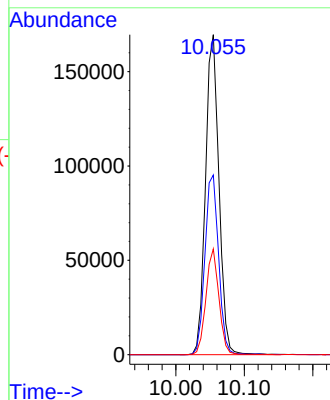
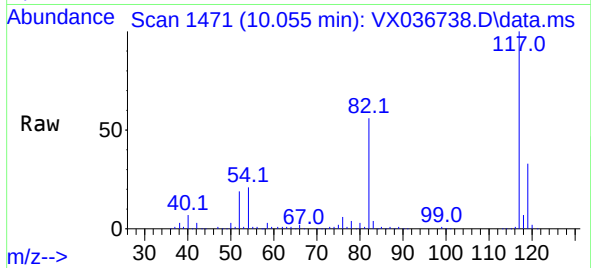




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

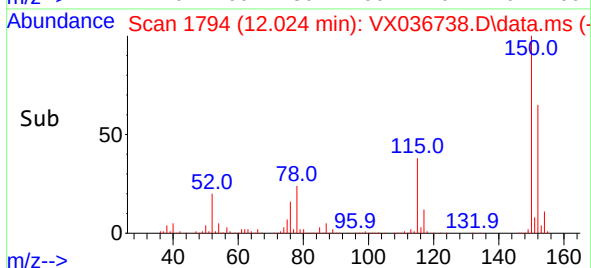
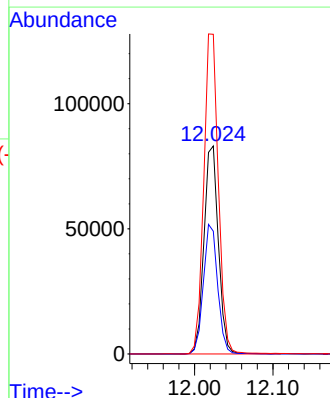
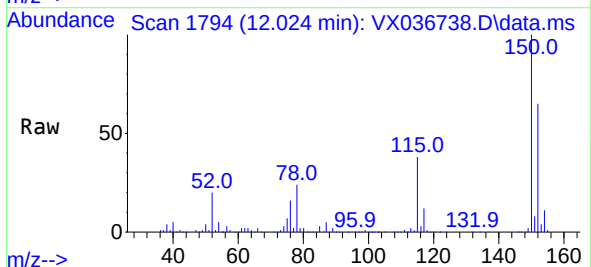
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

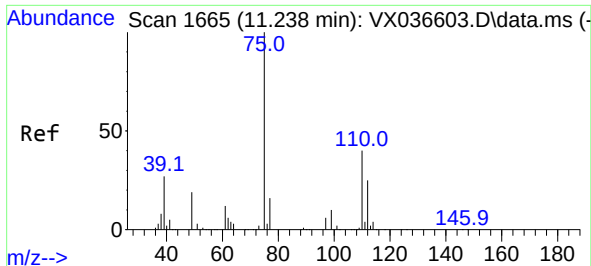
Tgt Ion:117 Resp: 231842
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Tgt Ion:152 Resp: 106192
Ion Ratio Lower Upper
152 100
115 61.8 43.3 129.9
150 156.1 0.0 345.0

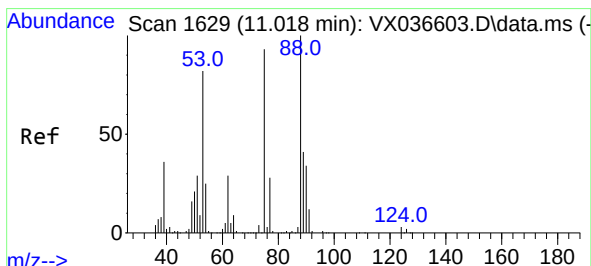
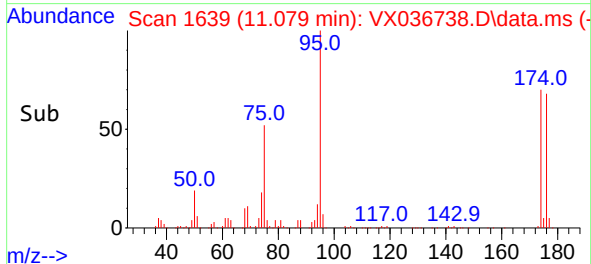
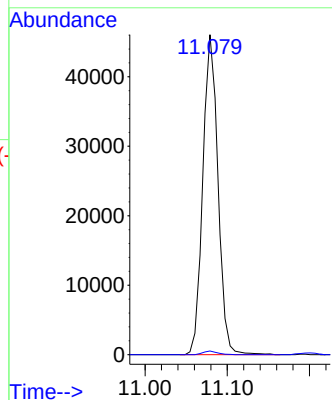
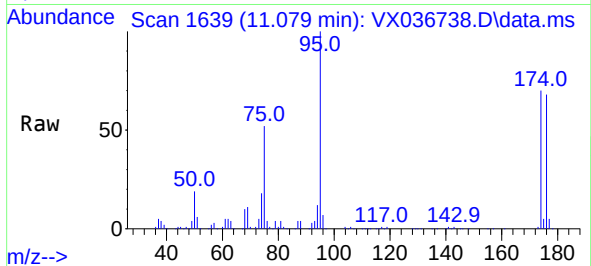




#76
1,2,3-Trichloropropane
Concen: 23.601 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

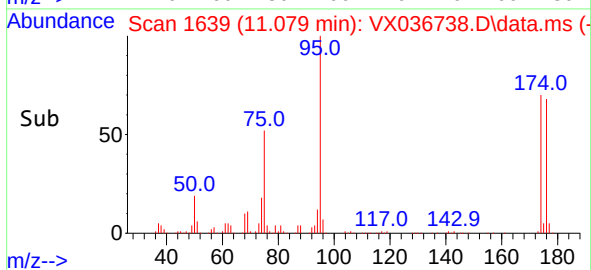
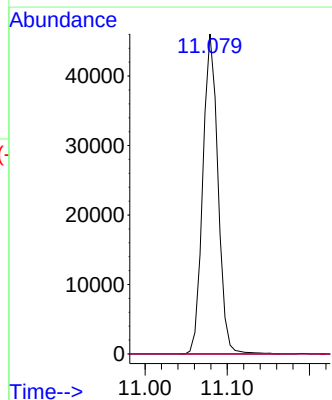
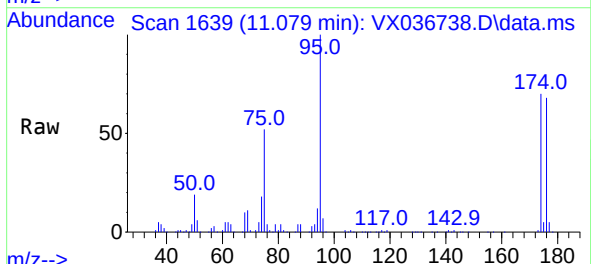
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

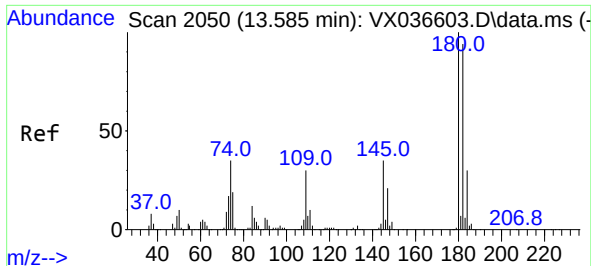
Tgt Ion: 75 Resp: 58950
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.494 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Tgt Ion: 75 Resp: 58950
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

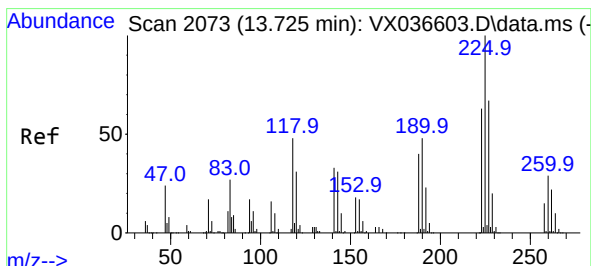
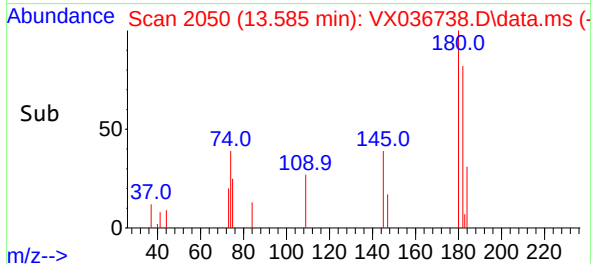
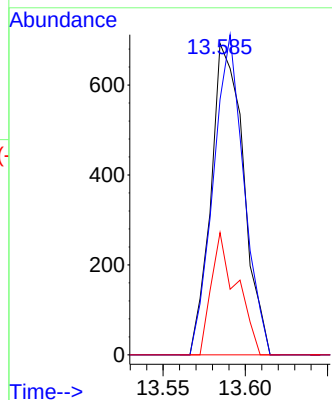
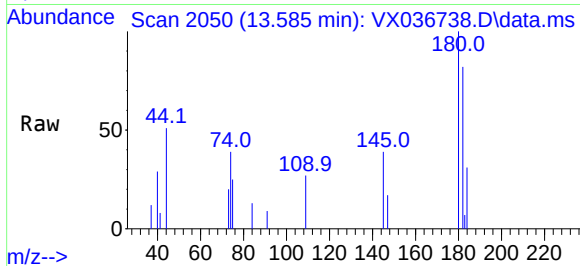




#93
1,2,4-Trichlorobenzene
Concen: 0.433 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

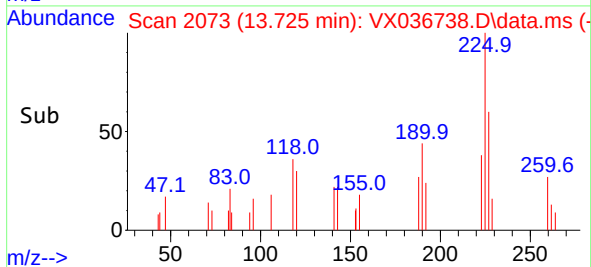
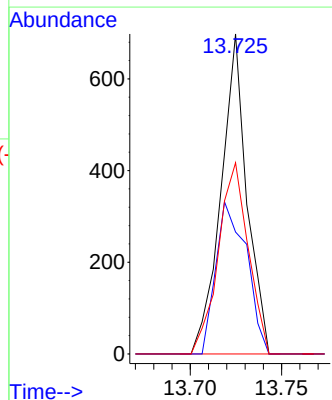
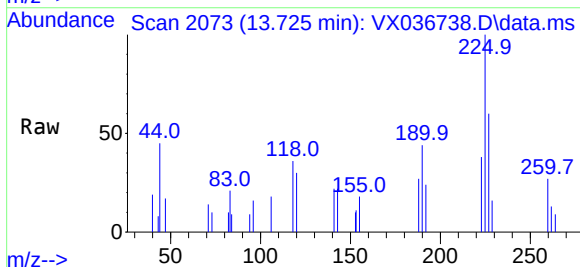
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

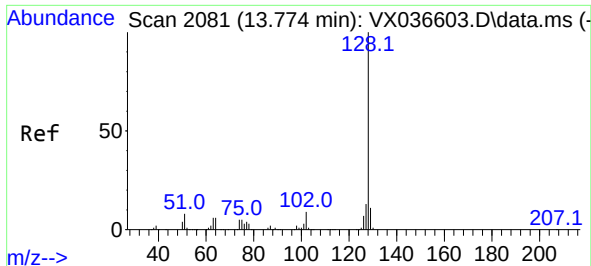
Tgt Ion:180	Resp:	954
Ion	Ratio	Lower Upper
180	100	
182	96.4	48.3 144.8
145	30.6	18.0 54.0



#94
Hexachlorobutadiene
Concen: 0.756 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Tgt Ion:225	Resp:	689
Ion	Ratio	Lower Upper
225	100	
223	56.0	31.1 93.2
227	68.8	32.5 97.5

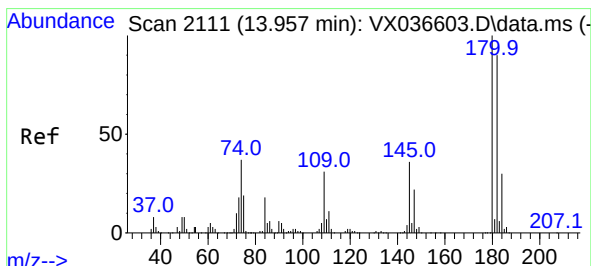
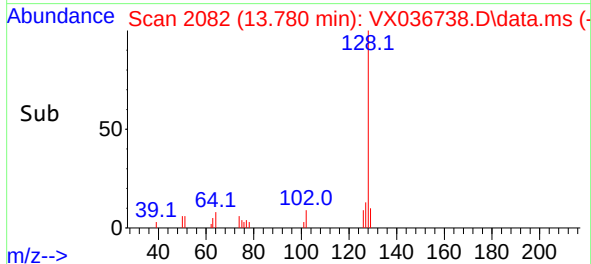
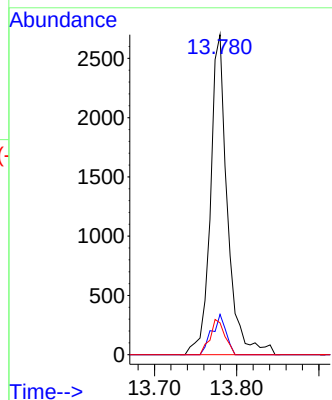
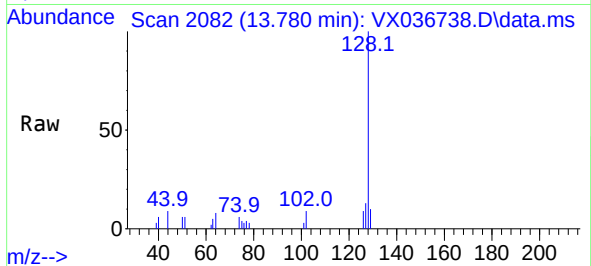




#95
Naphthalene
Concen: 0.505 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

Tgt Ion:	128	Resp:	3876
Ion Ratio	Lower	Upper	
128	100		
127	10.5	10.3	15.5
129	9.5	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.529 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX036738.D
Acq: 01 Aug 2023 10:57

Tgt Ion:	180	Resp:	1149
Ion Ratio	Lower	Upper	
180	100		
182	93.0	46.9	140.6
145	31.8	17.8	53.5

