

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036955.D
 Acq On : 14 Aug 2023 10:48
 Operator : JC/MD
 Sample : VX0814MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814MBL01

Quant Time: Aug 15 01:27:14 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)

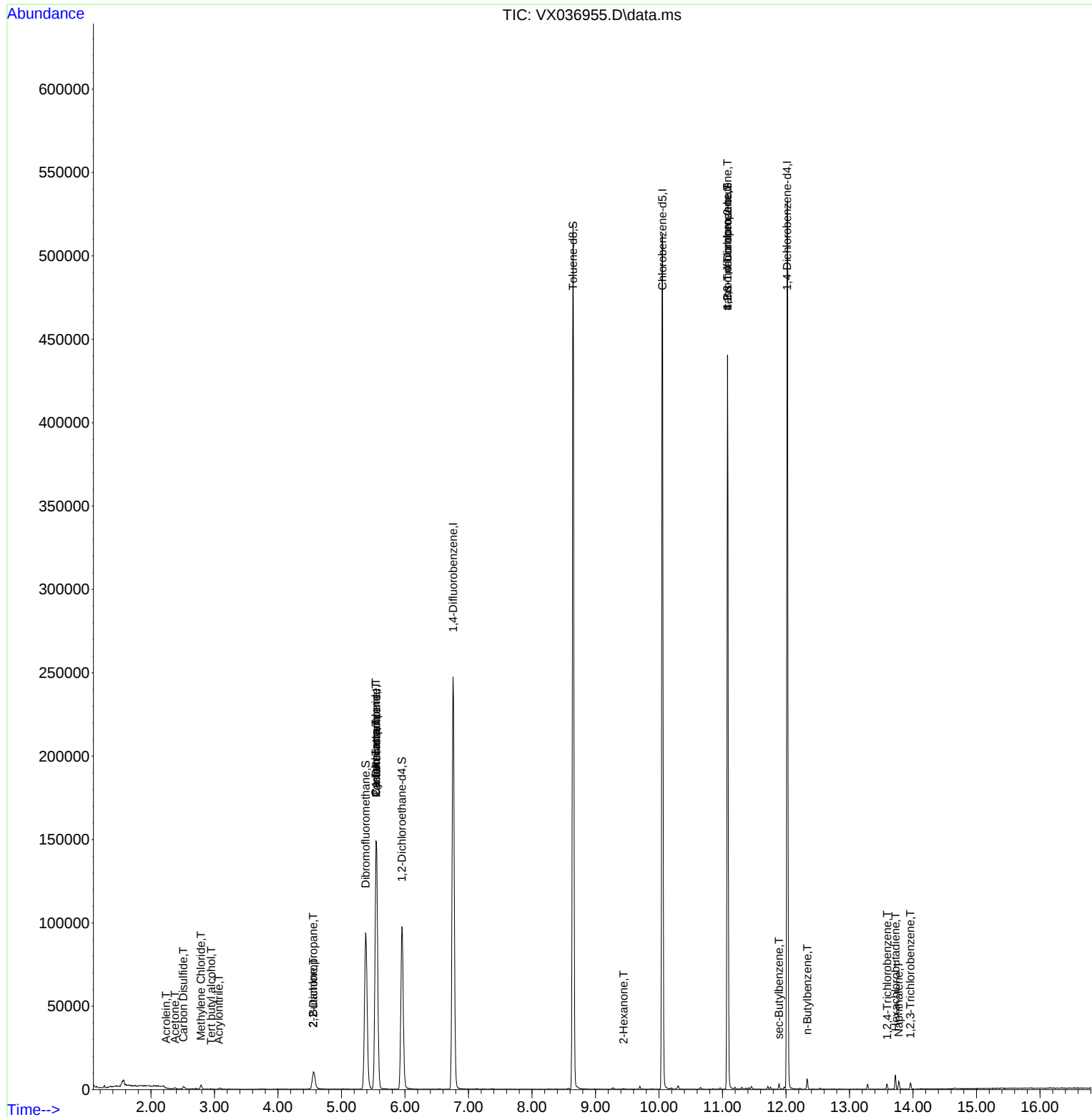
Internal Standards						
1) Pentafluorobenzene	5.550	168	140478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	255906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	107951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97401	46.859	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.720%		
35) Dibromofluoromethane	5.379	113	82570	46.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.880%		
50) Toluene-d8	8.647	98	307591	49.312	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.620%		
62) 4-Bromofluorobenzene	11.079	95	118242	50.244	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.480%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	225	0.457	ug/l #	78
13) Acrolein	2.240	56	374	1.332	ug/l	95
15) Acrylonitrile	3.069	53	297	0.300	ug/l #	67
16) Acetone	2.380	43	901	1.045	ug/l	97
17) Carbon Disulfide	2.508	76	1798	0.414	ug/l #	94
20) Methylene Chloride	2.788	84	1268	0.661	ug/l #	84
25) 2-Butanone	4.556	43	431	0.308	ug/l #	51
26) 2,2-Dichloropropane	4.556	77	999	0.322	ug/l #	54
31) Cyclohexane	5.544	56	3108	1.080	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11440	4.364	ug/l #	51
38) Carbon Tetrachloride	5.544	117	15264	5.476	ug/l #	15
59) 2-Hexanone	9.439	43	430	0.205	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	61900	24.378	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61900	55.255	ug/l #	5
85) sec-Butylbenzene	11.890	105	1888	0.206	ug/l	95
89) n-Butylbenzene	12.335	91	2644	0.392	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	1007	0.449	ug/l	89
94) Hexachlorobutadiene	13.725	225	1254	1.353	ug/l	99
95) Naphthalene	13.774	128	3514	0.450	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	1166	0.528	ug/l	99

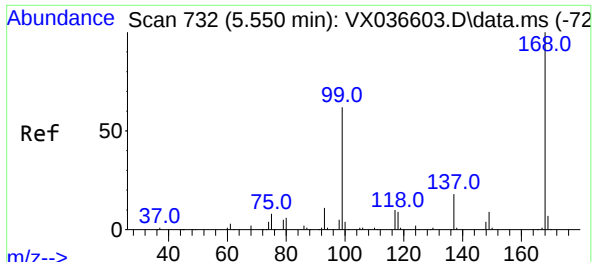
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
VX0814MBL01

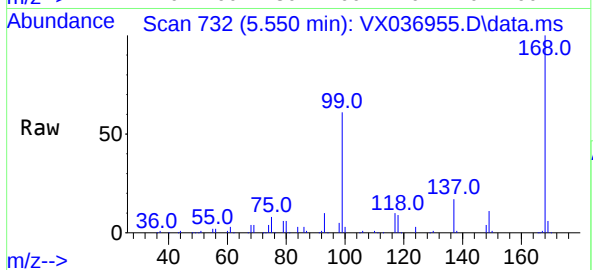
Quant Time: Aug 15 01:27:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



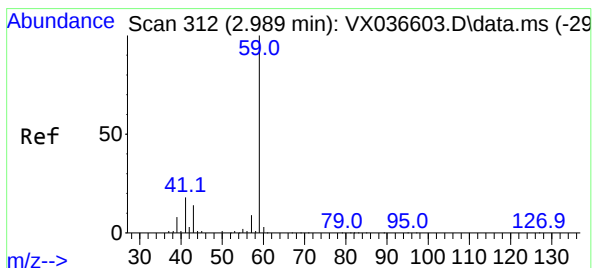
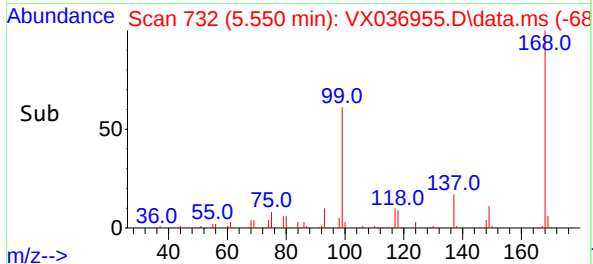
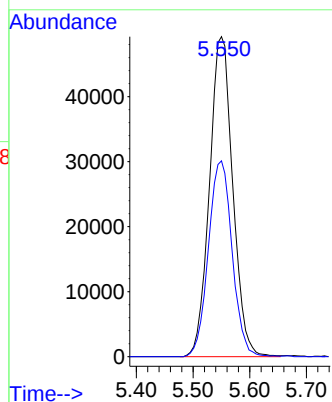


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0814MBL01

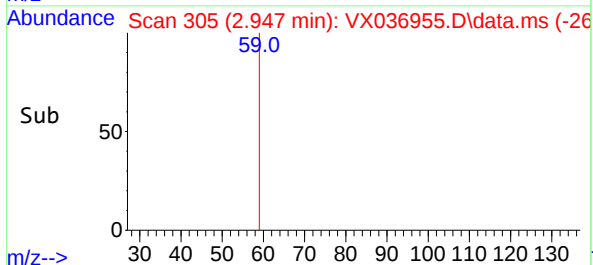
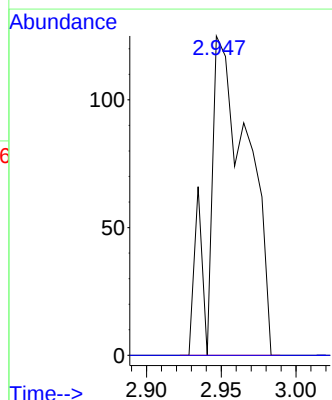
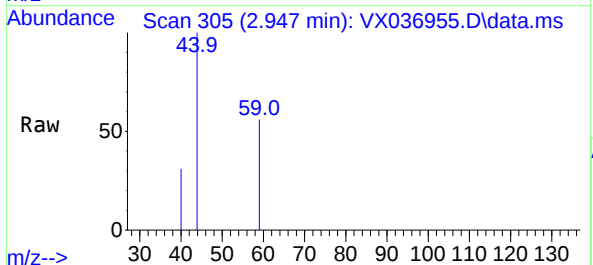


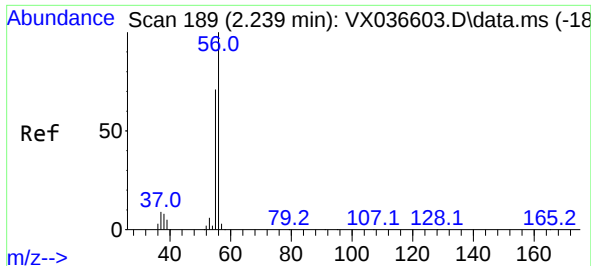
Tgt Ion:168 Resp: 140478
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.457 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

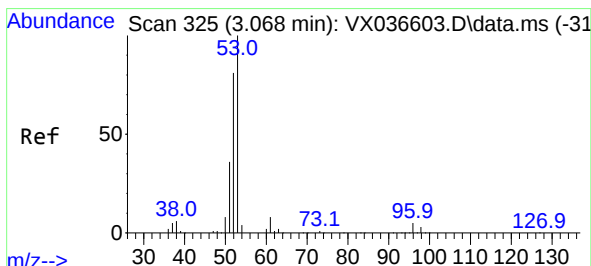
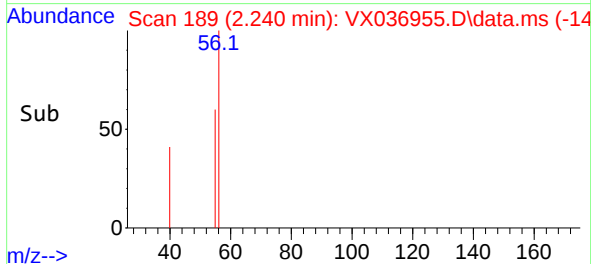
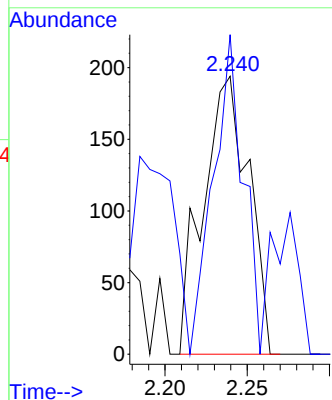
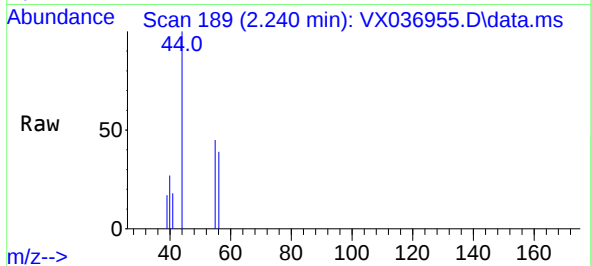




#13
Acrolein
Concen: 1.332 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

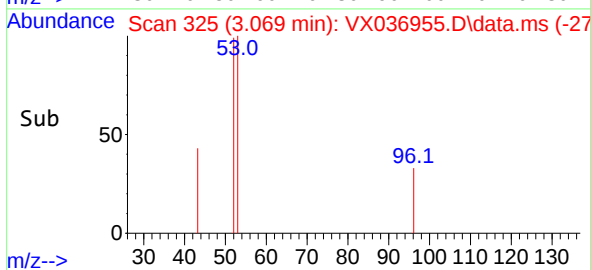
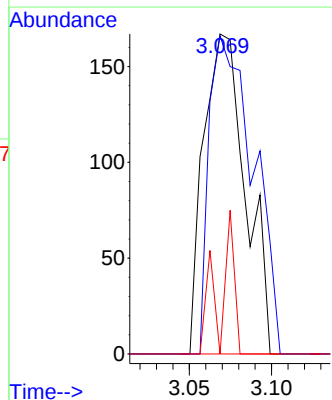
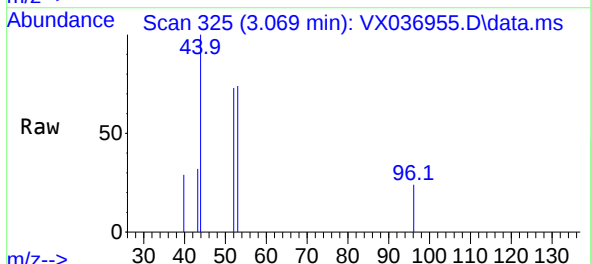
Instrument :
MSVOA_X
ClientSampleId :
VX0814MBL01

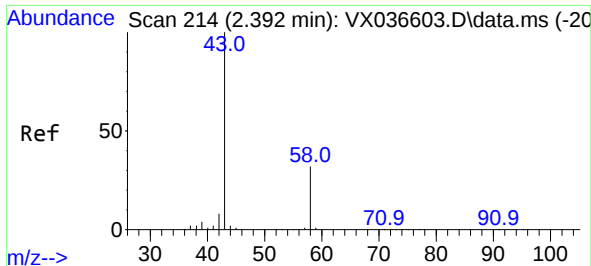
Tgt Ion: 56 Resp: 374
Ion Ratio Lower Upper
56 100
55 75.7 57.1 85.7



#15
Acrylonitrile
Concen: 0.300 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Tgt Ion: 53 Resp: 297
Ion Ratio Lower Upper
53 100
52 104.4 66.0 99.0#
51 6.7 29.8 44.6#

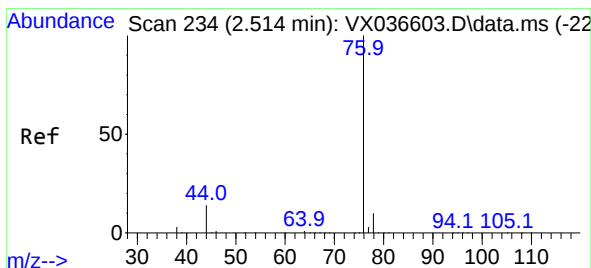
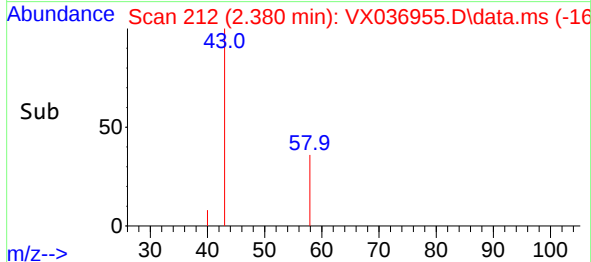
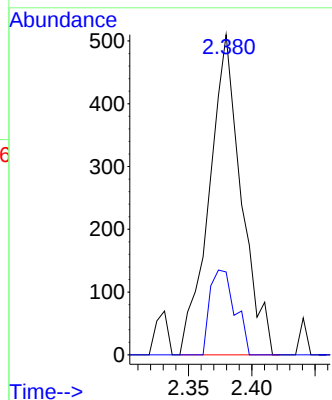
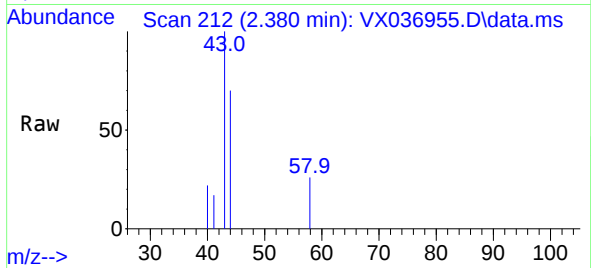




#16
Acetone
Concen: 1.045 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

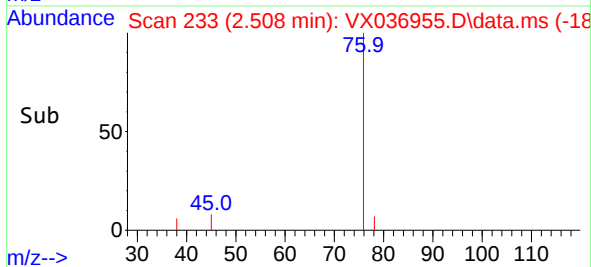
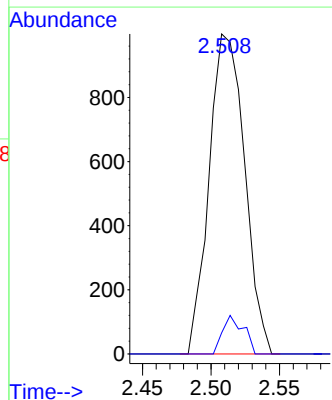
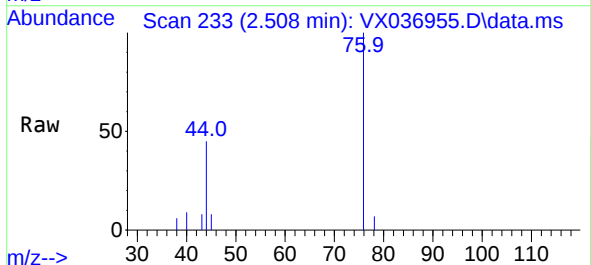
Instrument :
MSVOA_X
ClientSampleId :
VX0814MBL01

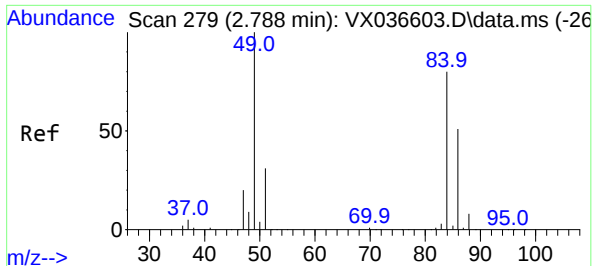
Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 25.9 21.9 32.9



#17
Carbon Disulfide
Concen: 0.414 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Tgt Ion: 76 Resp: 1798
Ion Ratio Lower Upper
76 100
78 6.6 7.0 10.6#



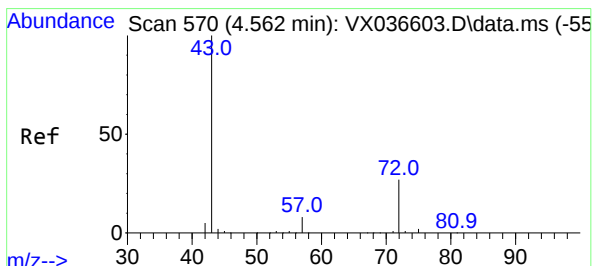
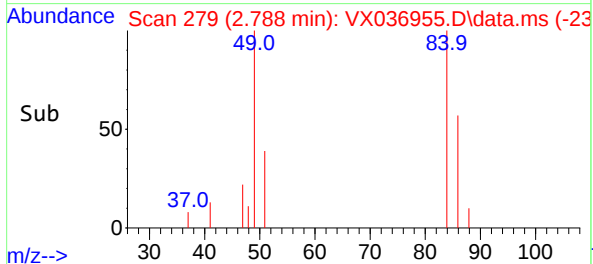
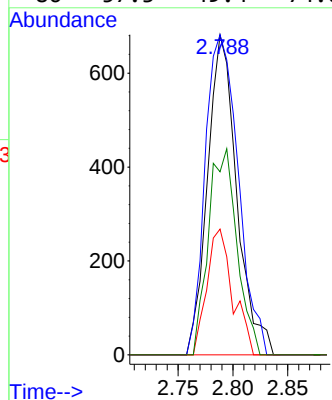
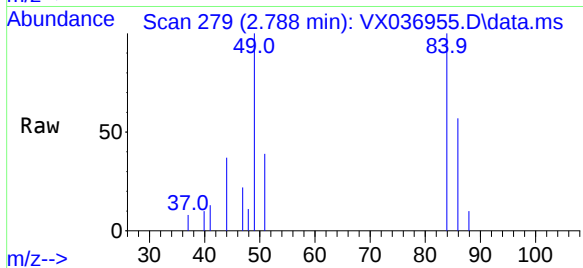


#20
Methylene Chloride
Concen: 0.661 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0814MBL01

Tgt Ion: 84 Resp: 1268

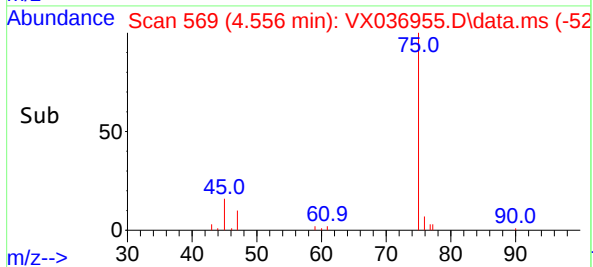
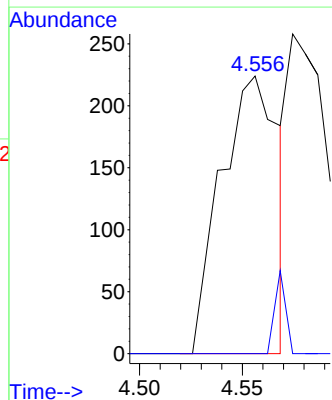
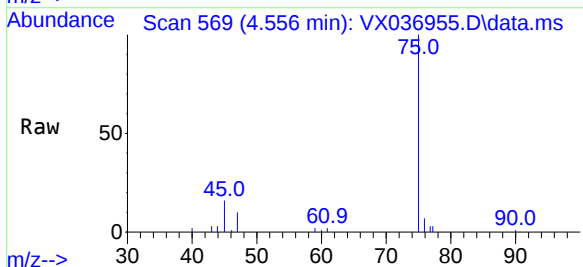
Ion	Ratio	Lower	Upper
84	100		
49	100.1	103.6	155.4#
51	39.4	33.8	50.6
86	57.3	49.4	74.0

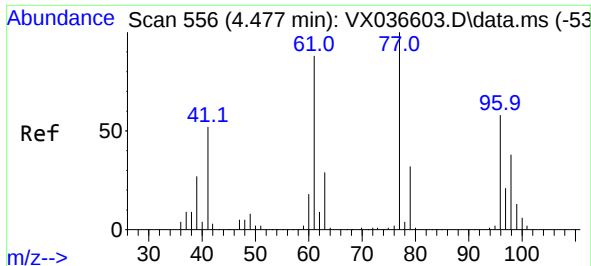


#25
2-Butanone
Concen: 0.308 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Tgt Ion: 43 Resp: 431

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

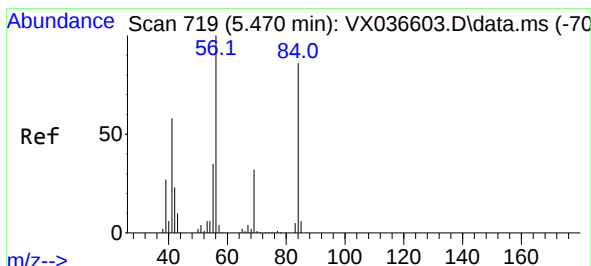
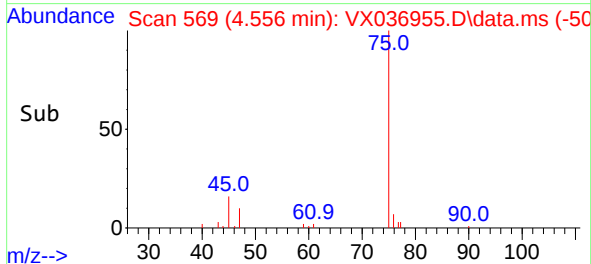
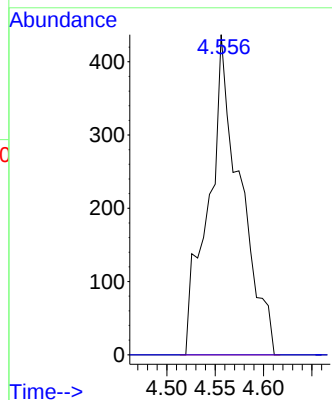
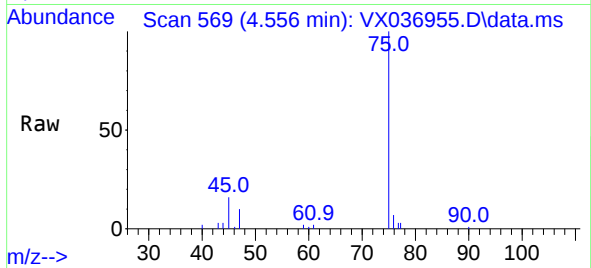




#26
2,2-Dichloropropane
Concen: 0.322 ug/l
RT: 4.556 min Scan# 509
Delta R.T. 0.079 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

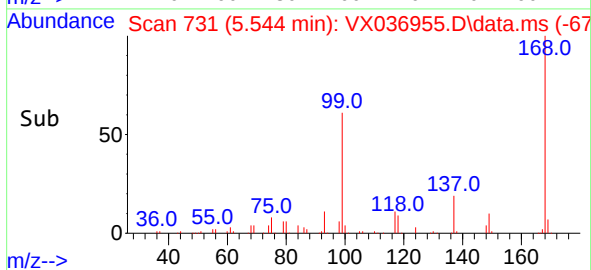
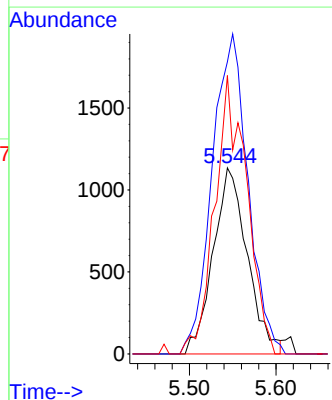
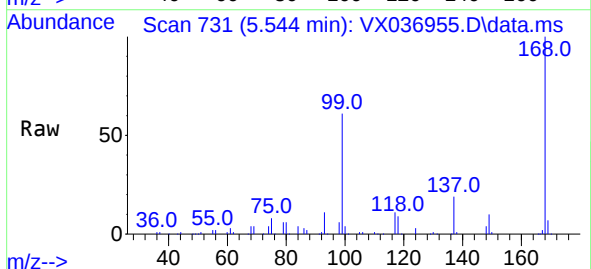
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ClientSampleId :
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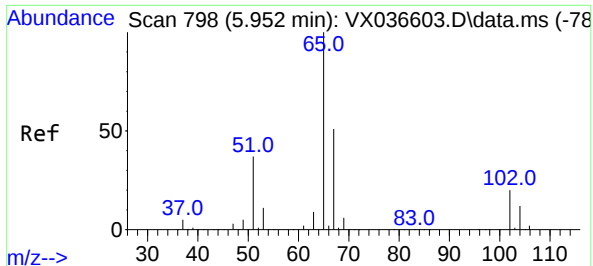
Tgt Ion: 77 Resp: 999
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.080 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Tgt Ion: 56 Resp: 3108
Ion Ratio Lower Upper
56 100
69 157.0 23.4 35.2#
84 149.6 65.9 98.9#

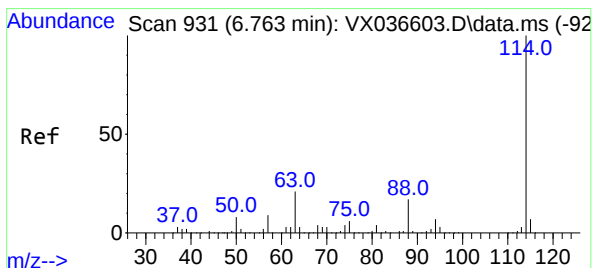
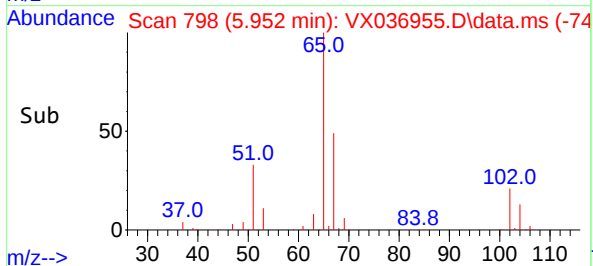
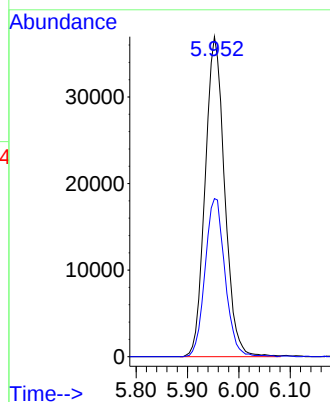
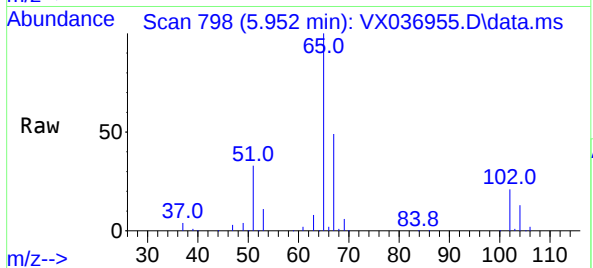




#33
1,2-Dichloroethane-d4
Concen: 46.859 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

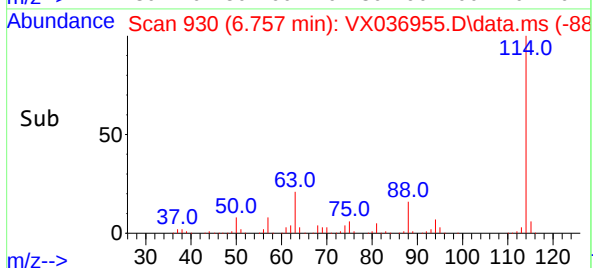
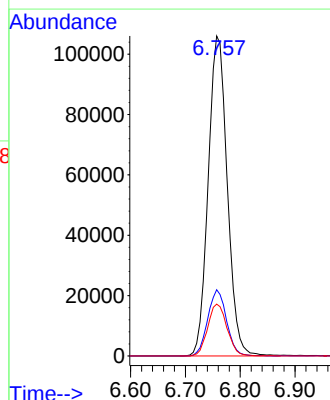
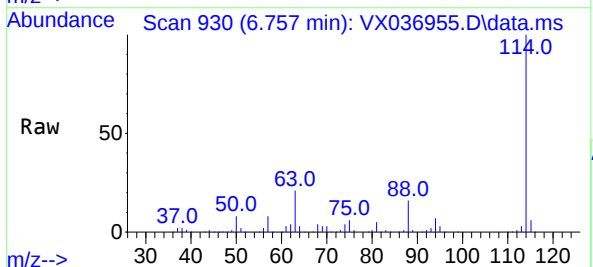
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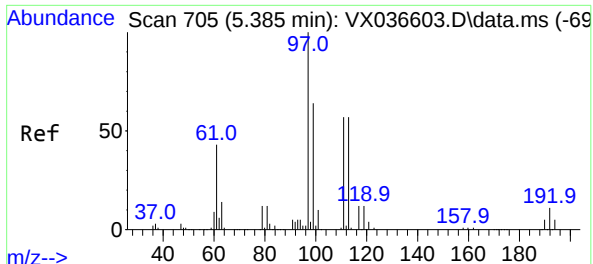
Tgt Ion: 65 Resp: 97401
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Tgt Ion: 114 Resp: 255906
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.943 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX036955.D

Acq: 14 Aug 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0814MBL01

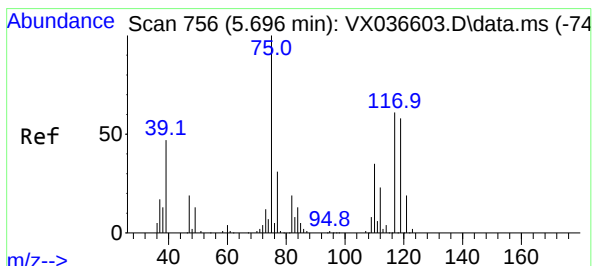
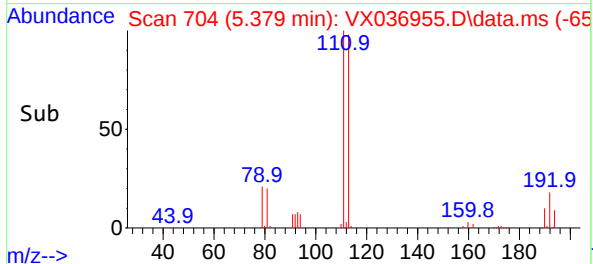
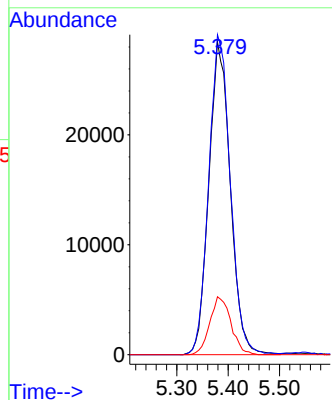
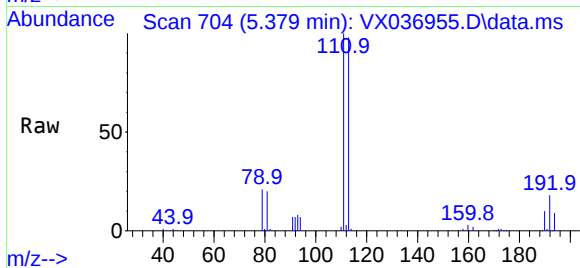
Tgt Ion:113 Resp: 82570

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 18.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.364 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX036955.D

Acq: 14 Aug 2023 10:48

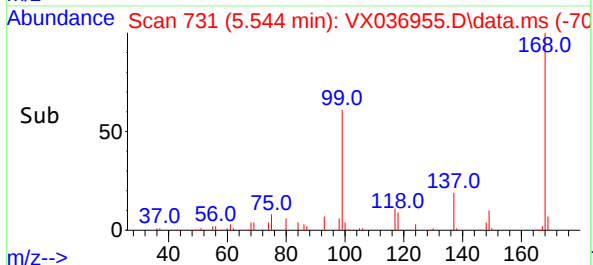
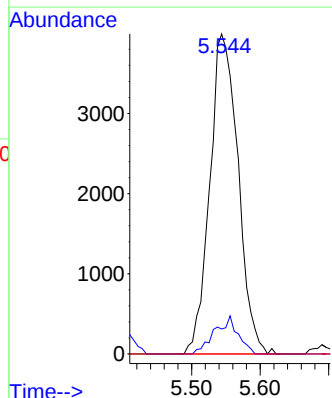
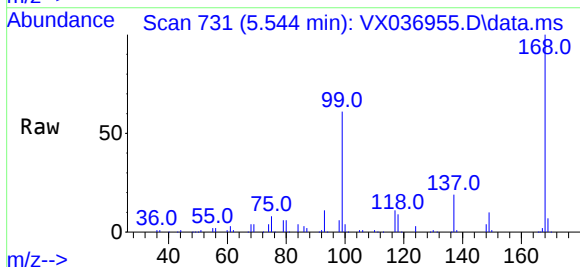
Tgt Ion: 75 Resp: 11440

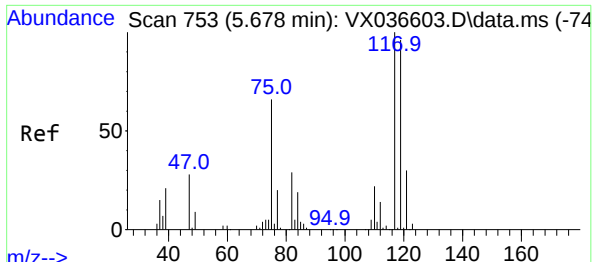
Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

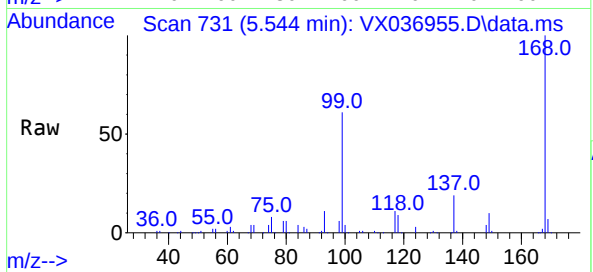
77 0.0 24.7 37.1#



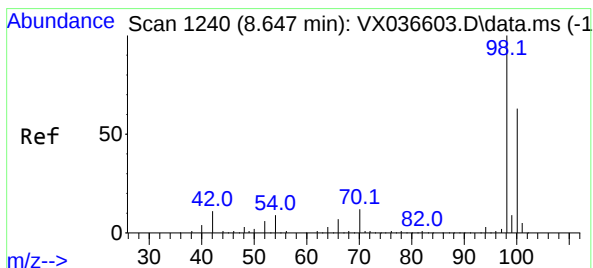
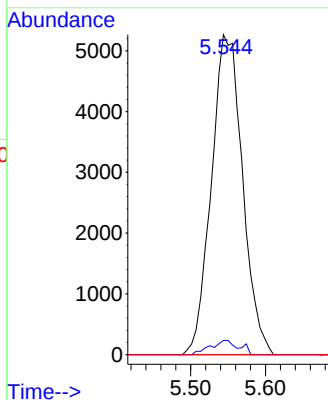
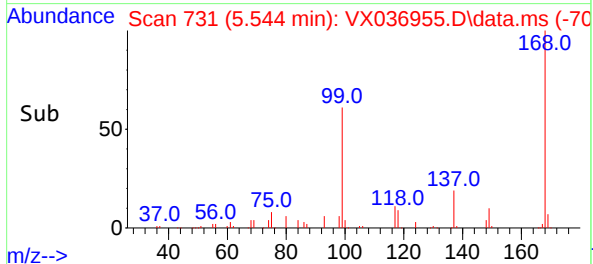


#38
Carbon Tetrachloride
Concen: 5.476 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0814MBL01

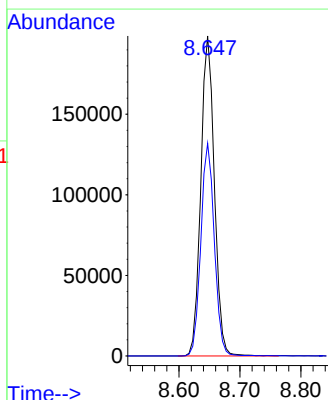
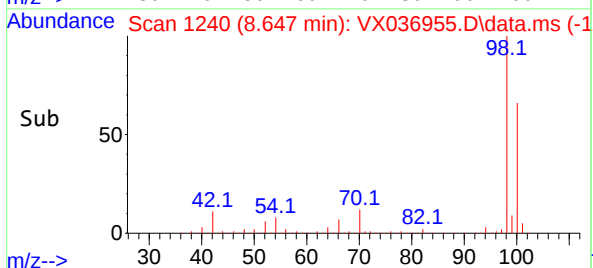
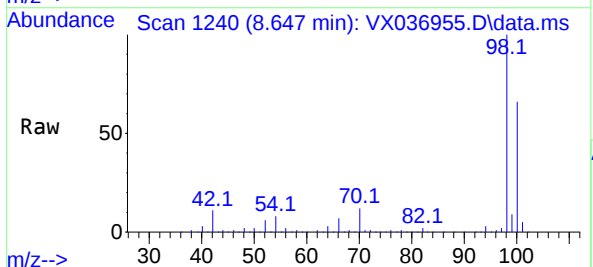


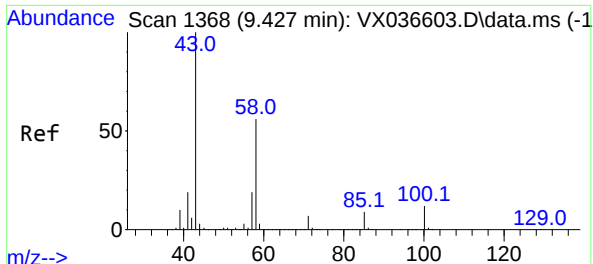
Tgt Ion:117 Resp: 15264
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.312 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Tgt Ion: 98 Resp: 307591
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

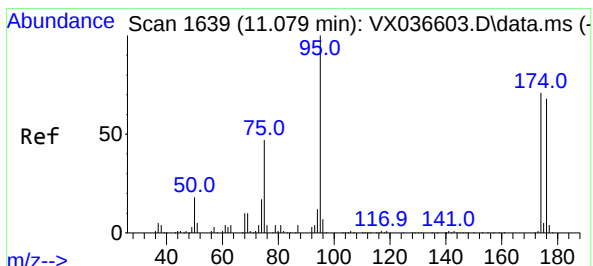
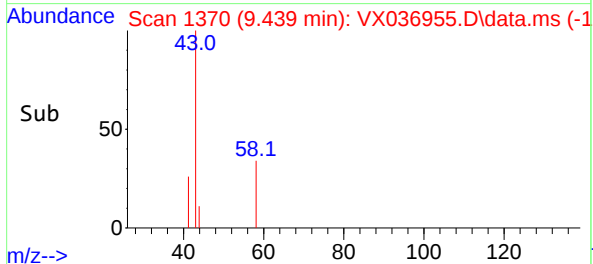
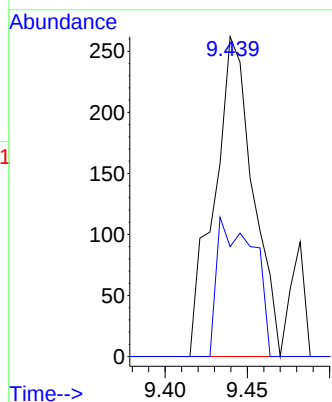
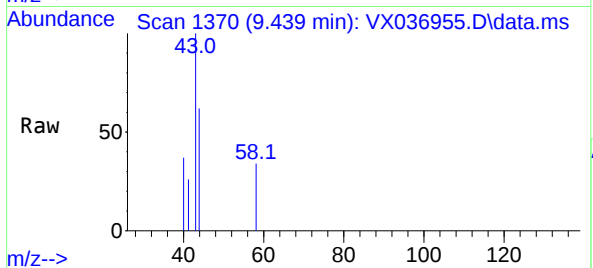




#59
2-Hexanone
Concen: 0.205 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

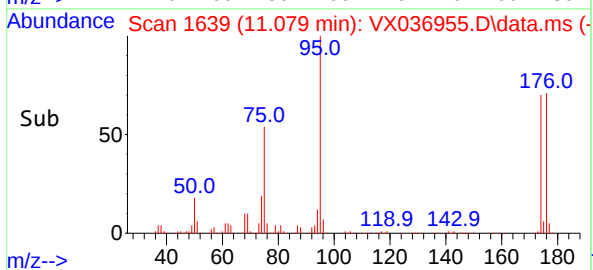
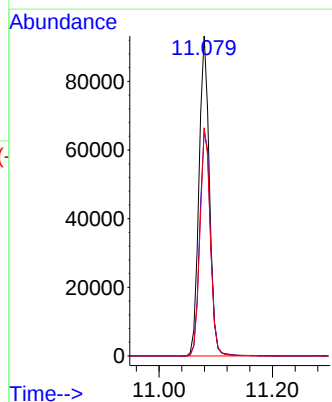
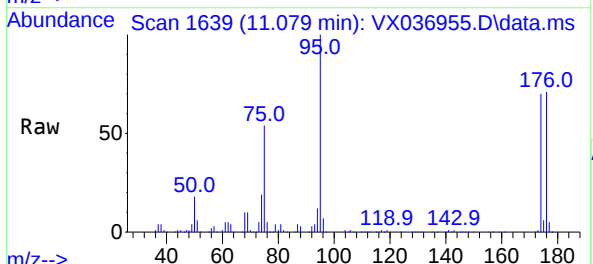
Instrument :
MSVOA_X
ClientSampleId :
VX0814MBL01

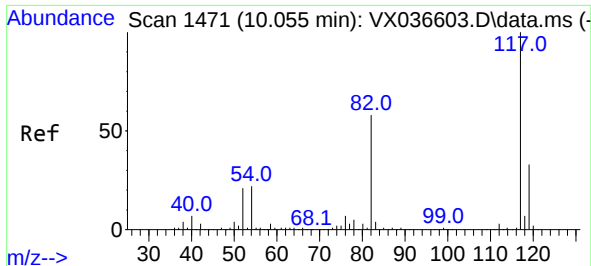
Tgt Ion: 43 Resp: 430
Ion Ratio Lower Upper
43 100
58 41.2 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 50.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Tgt Ion: 95 Resp: 118242
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 71.0 0.0 131.0

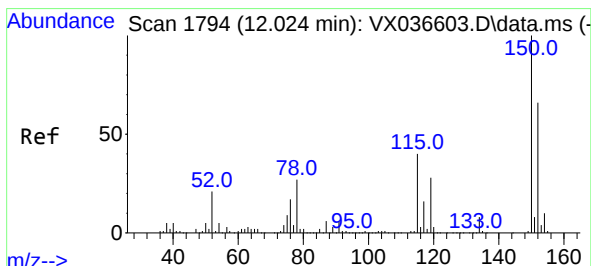
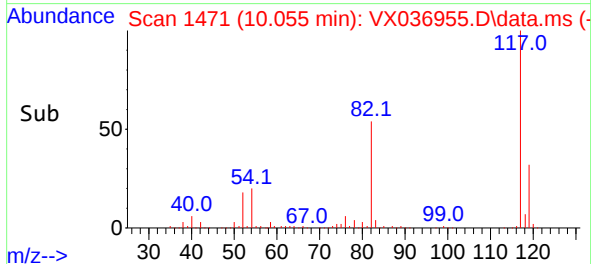
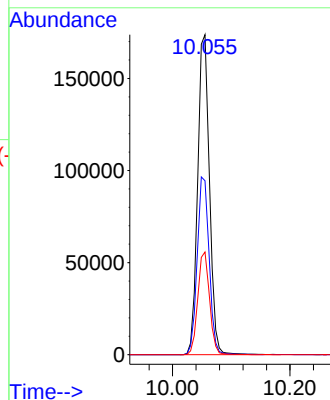
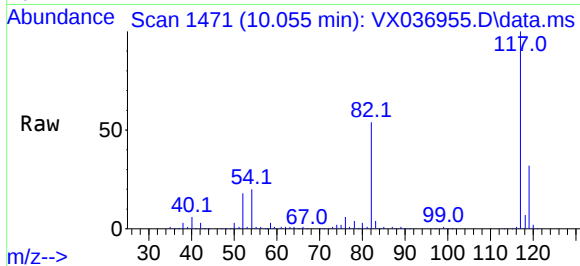




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

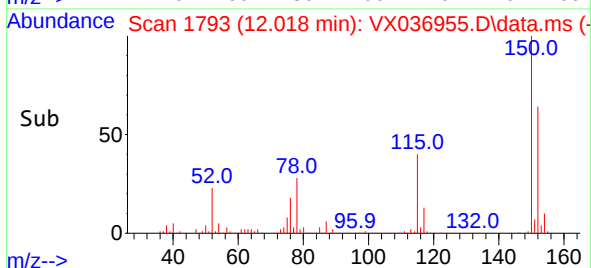
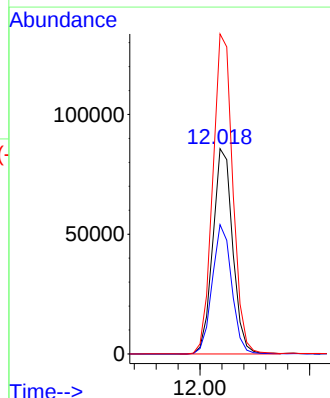
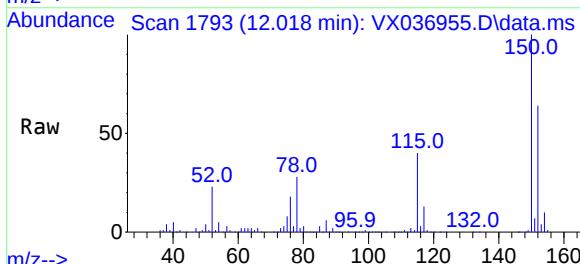
Instrument :
MSVOA_X
ClientSampleId :
VX0814MBL01

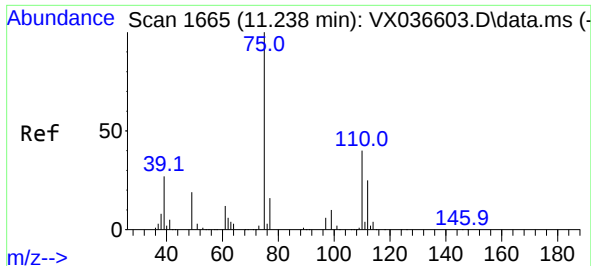
Tgt Ion:117 Resp: 242047
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Tgt Ion:152 Resp: 107951
Ion Ratio Lower Upper
152 100
115 61.9 43.3 129.9
150 157.1 0.0 345.0

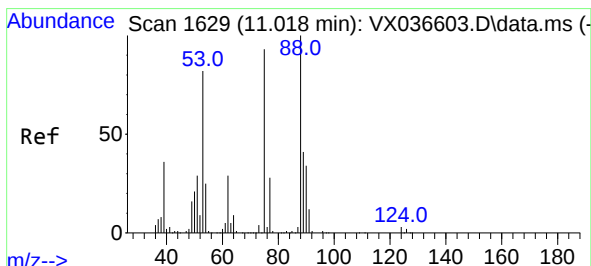
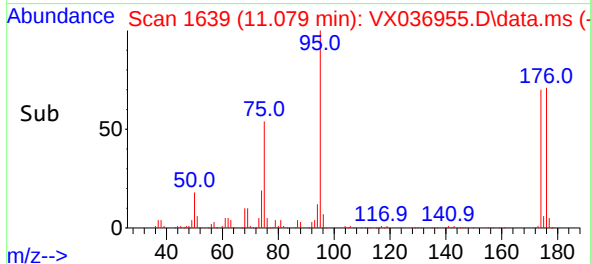
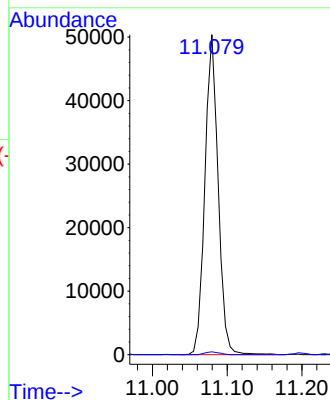
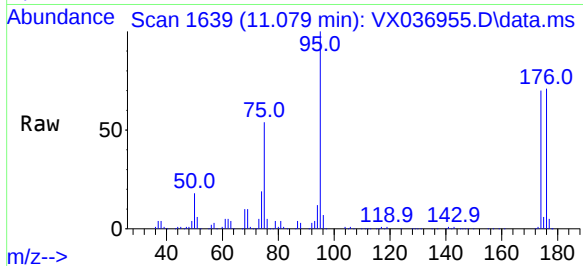




#76
1,2,3-Trichloropropane
Concen: 24.378 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

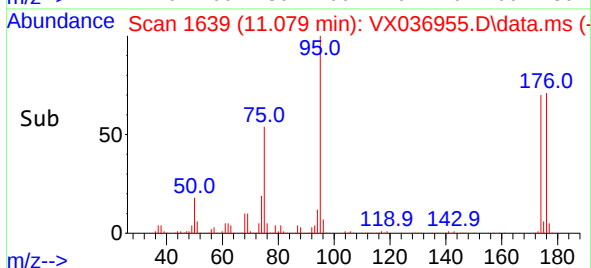
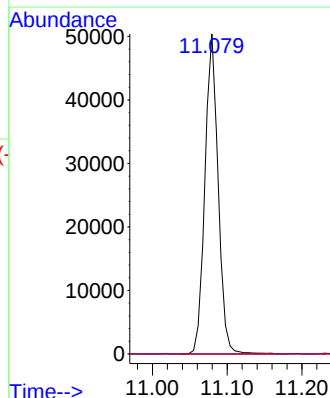
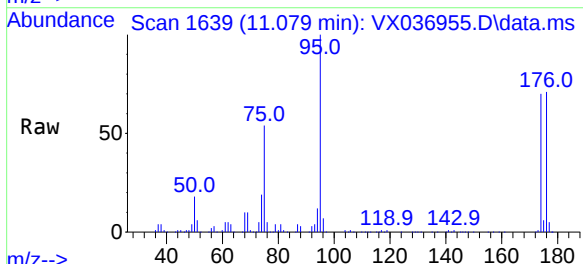
Instrument :
MSVOA_X
ClientSampleId :
VX0814MBL01

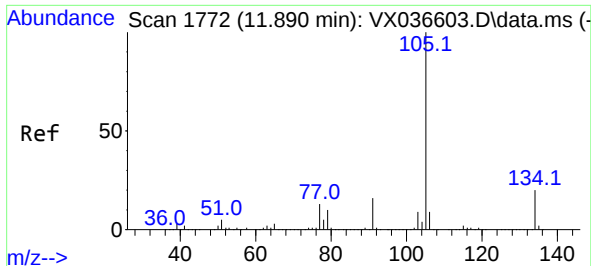
Tgt Ion: 75 Resp: 61900
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Tgt Ion: 75 Resp: 61900
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

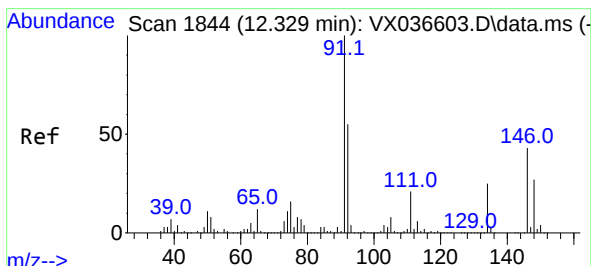
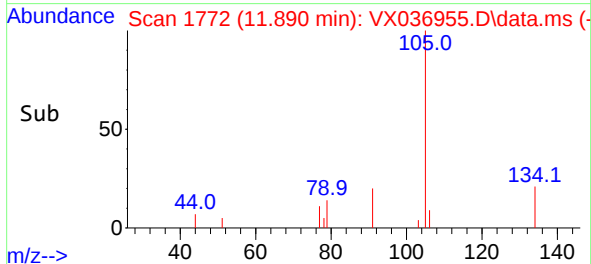
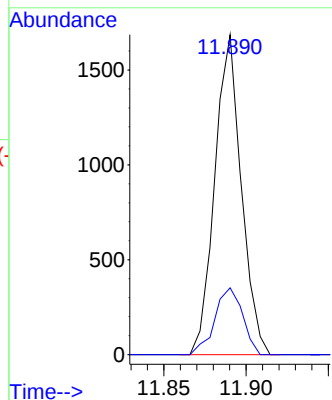
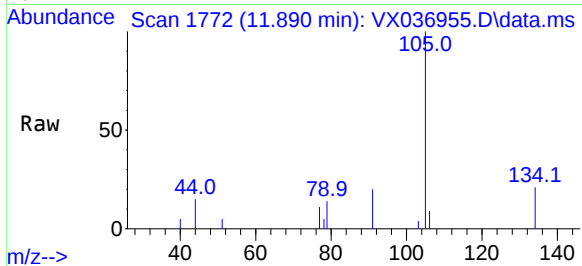




#85
 sec-Butylbenzene
 Concen: 0.206 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036955.D
 Acq: 14 Aug 2023 10:48

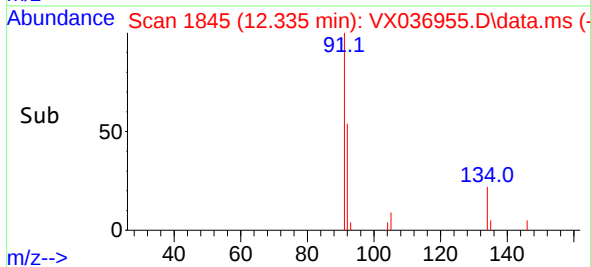
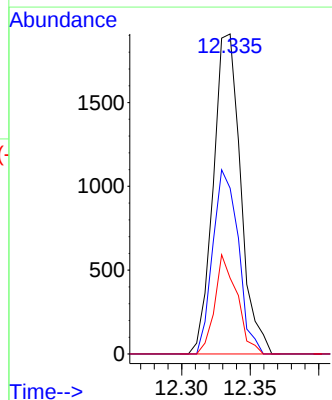
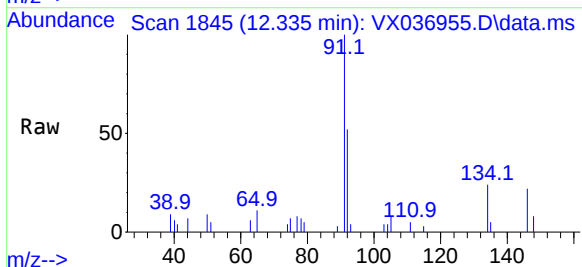
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814MBL01

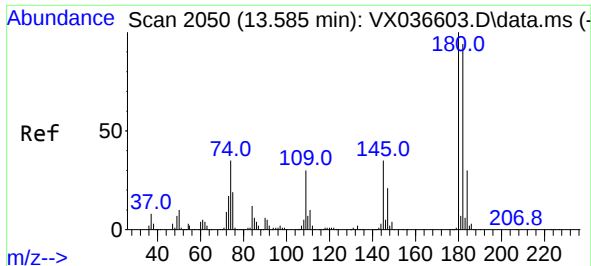
Tgt Ion:105 Resp: 1888
 Ion Ratio Lower Upper
 105 100
 134 21.9 9.8 29.4



#89
 n-Butylbenzene
 Concen: 0.392 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX036955.D
 Acq: 14 Aug 2023 10:48

Tgt Ion: 91 Resp: 2644
 Ion Ratio Lower Upper
 91 100
 92 53.7 27.4 82.0
 134 25.3 12.6 37.8

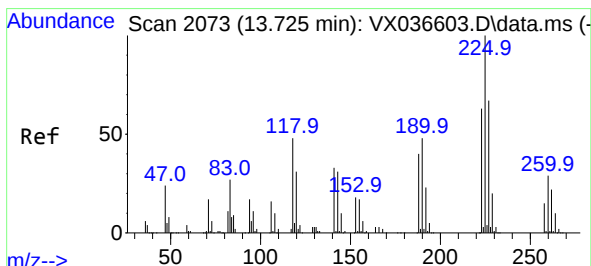
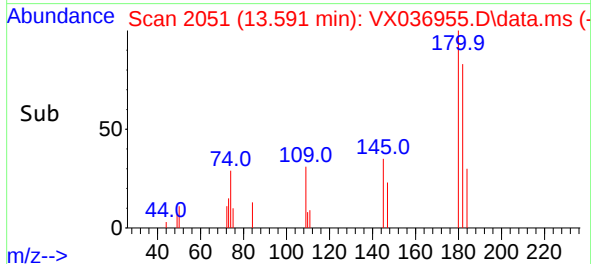
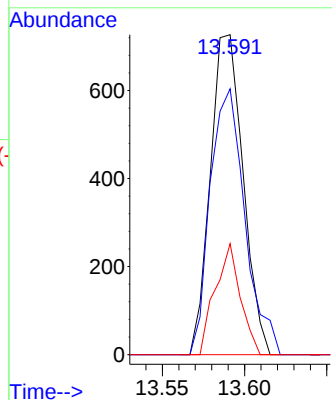
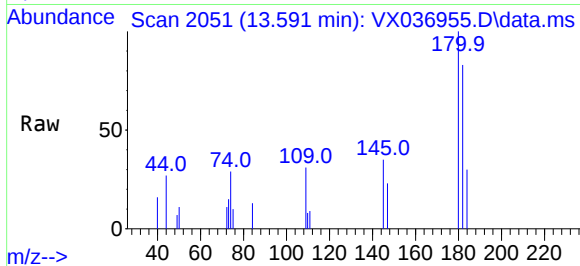




#93
1,2,4-Trichlorobenzene
Concen: 0.449 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

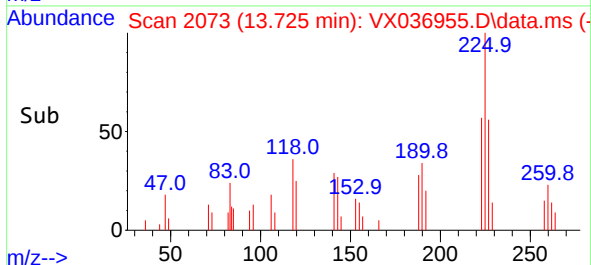
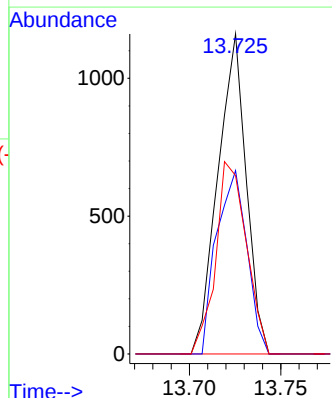
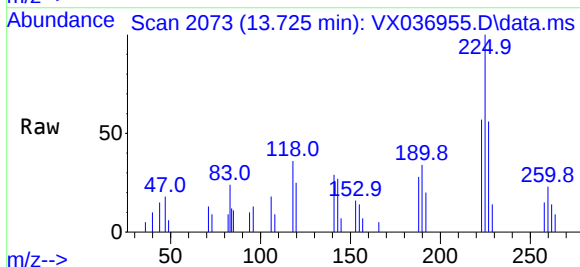
Instrument :
MSVOA_X
ClientSampleId :
VX0814MBL01

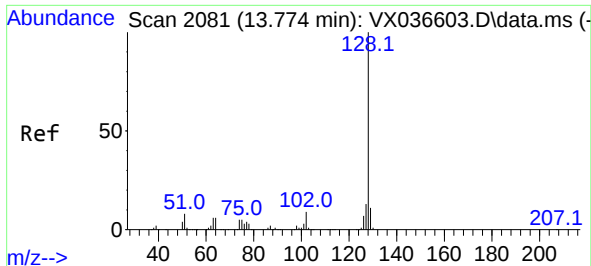
Tgt Ion:	180	Resp:	1007
Ion	Ratio	Lower	Upper
180	100		
182	87.9	48.3	144.8
145	26.5	18.0	54.0



#94
Hexachlorobutadiene
Concen: 1.353 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Tgt Ion:	225	Resp:	1254
Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.1	93.2
227	65.0	32.5	97.5

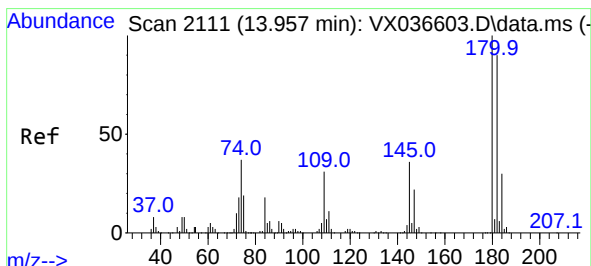
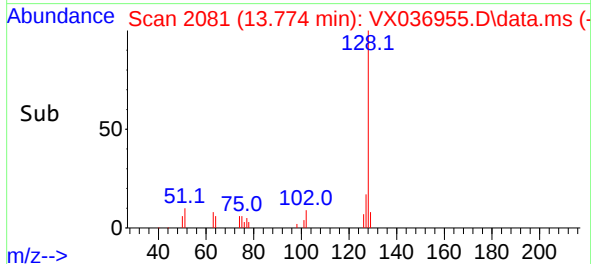
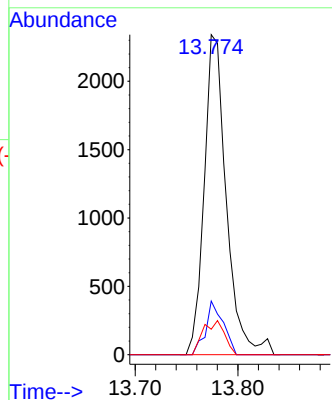
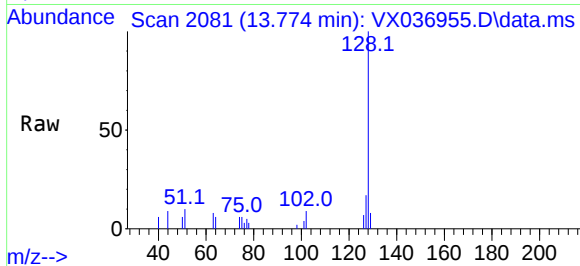




#95
Naphthalene
Concen: 0.450 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0814MBL01

Tgt Ion:	128	Resp:	3514
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.3	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.528 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX036955.D
Acq: 14 Aug 2023 10:48

Tgt Ion:	180	Resp:	1166
Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.9	140.6
145	34.6	17.8	53.5

