

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033010.D
 Acq On : 23 Nov 2022 11:31
 Operator : JC/MD
 Sample : VX1123MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123MBL01

Quant Time: Nov 24 04:04:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

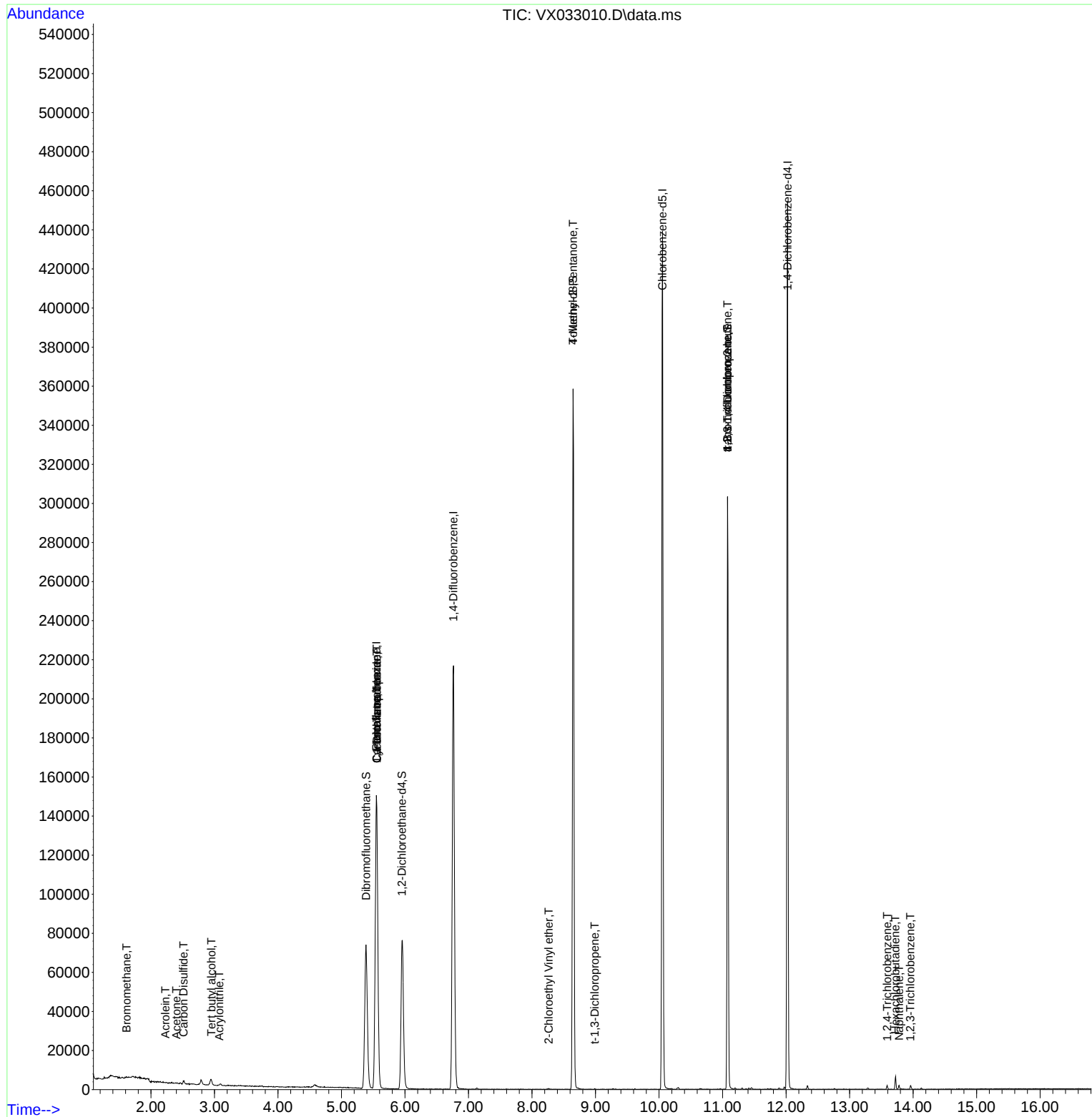
Internal Standards						
1) Pentafluorobenzene	5.550	168	140827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223228	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78106	57.211	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.420%			
35) Dibromofluoromethane	5.385	113	62724	49.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.680%			
50) Toluene-d8	8.647	98	213466	56.663	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 113.320%#			
62) 4-Bromofluorobenzene	11.079	95	76893	46.513	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.020%			
Target Compounds					Qvalue	
5) Bromomethane	1.618	94	297	0.310	ug/l	87
11) Tert butyl alcohol	2.953	59	1808	8.316	ug/l #	72
13) Acrolein	2.227	56	68	0.272	ug/l #	14
15) Acrylonitrile	3.075	53	267	0.434	ug/l #	60
16) Acetone	2.398	43	211	0.329	ug/l #	66
17) Carbon Disulfide	2.514	76	1829	0.539	ug/l	96
20) Methylene Chloride	2.788	84	1213	Below Cal	#	84
31) Cyclohexane	5.556	56	3046	1.371	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	10858	5.396	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14590	6.536	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	902	0.503	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	127	1.572	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.263	63	259	0.262	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	40975	23.790	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40975	77.330	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	660	0.367	ug/l	83
94) Hexachlorobutadiene	13.719	225	1022	1.289	ug/l	92
95) Naphthalene	13.780	128	1788	0.307	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.957	180	618	0.343	ug/l	96

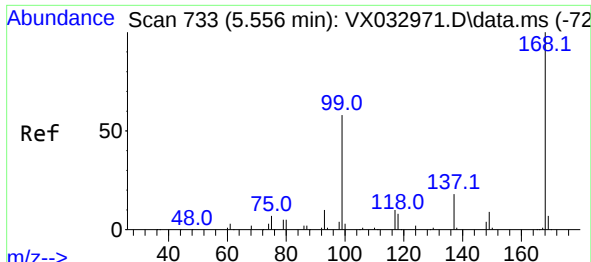
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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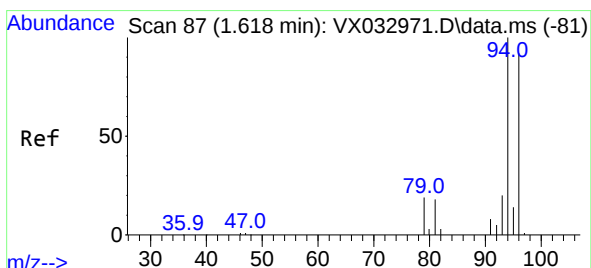
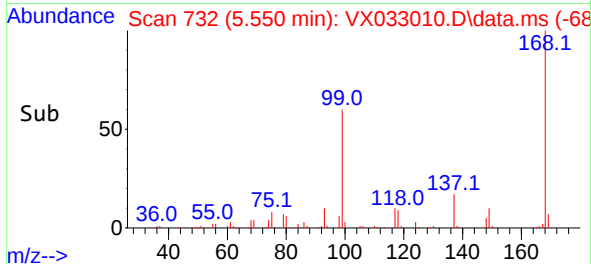
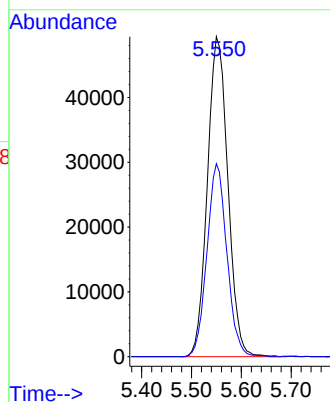
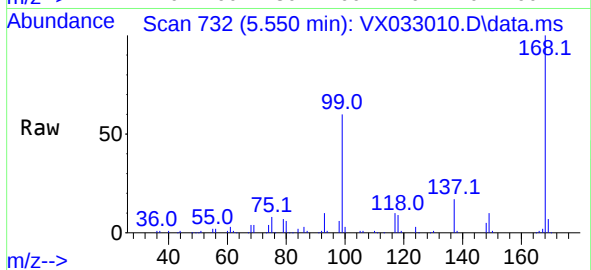




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

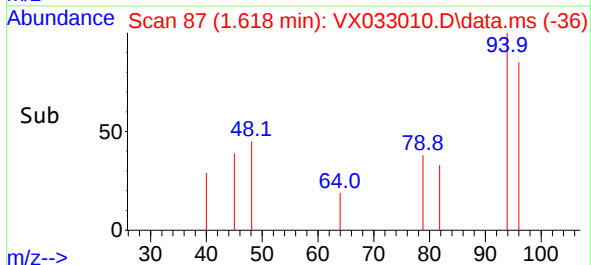
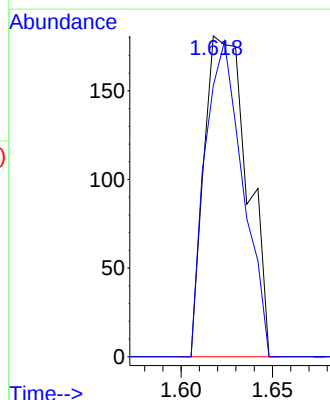
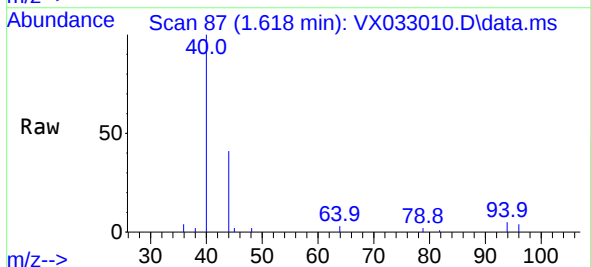
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL01

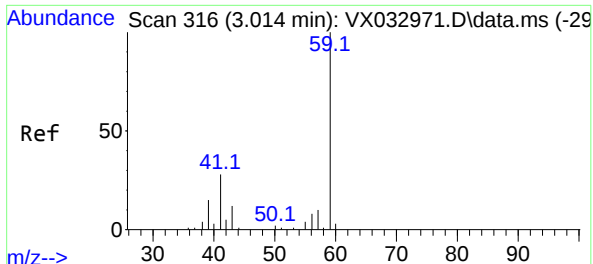
Tgt Ion:168 Resp: 140827
Ion Ratio Lower Upper
168 100
99 60.3 46.1 69.1



#5
Bromomethane
Concen: 0.310 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.013 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

Tgt Ion: 94 Resp: 297
Ion Ratio Lower Upper
94 100
96 84.5 77.6 116.4

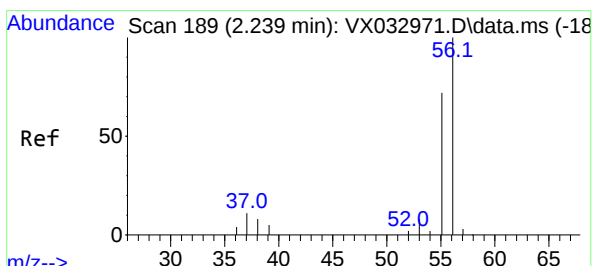
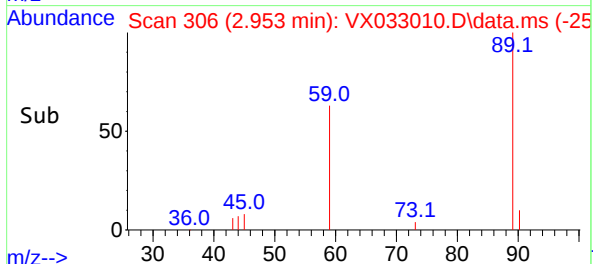
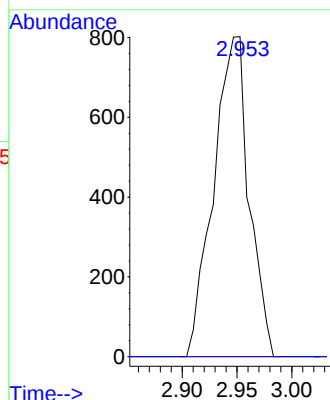
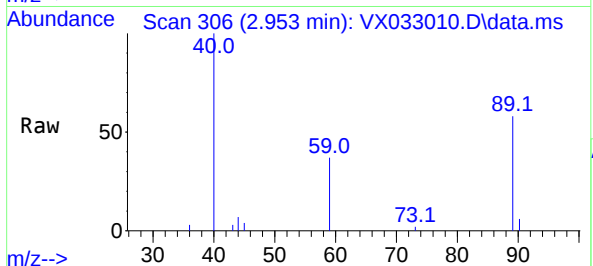




#11
Tert butyl alcohol
Concen: 8.316 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

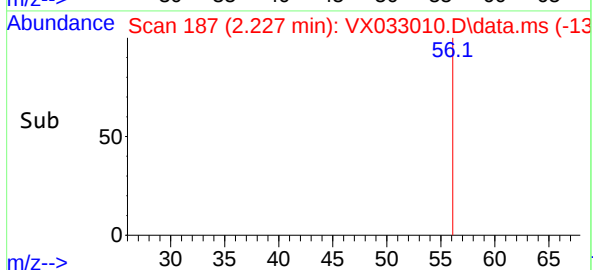
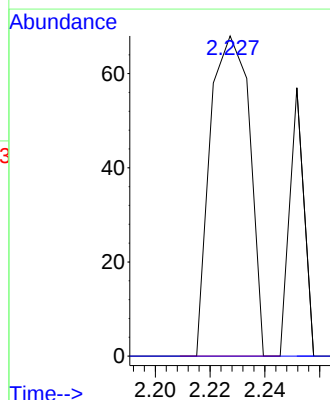
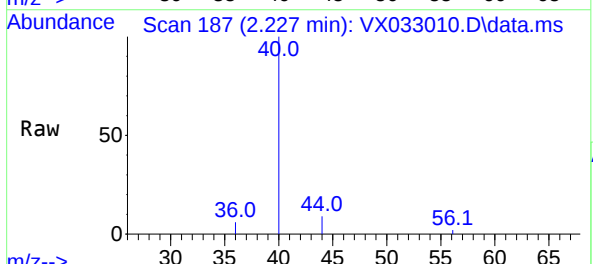
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL01

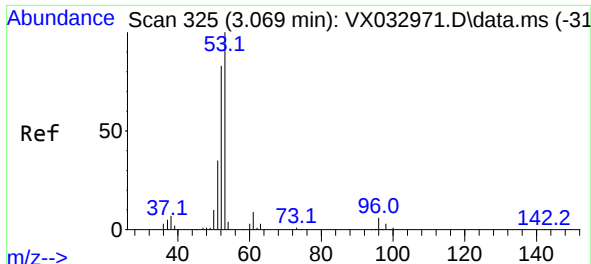
Tgt Ion: 59 Resp: 1808
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.272 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#

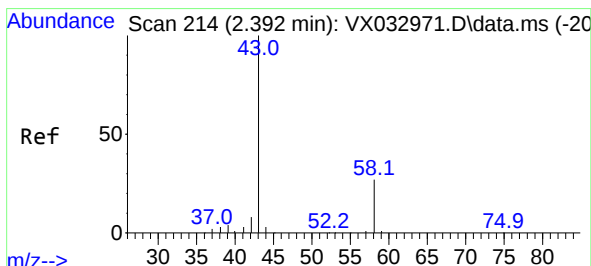
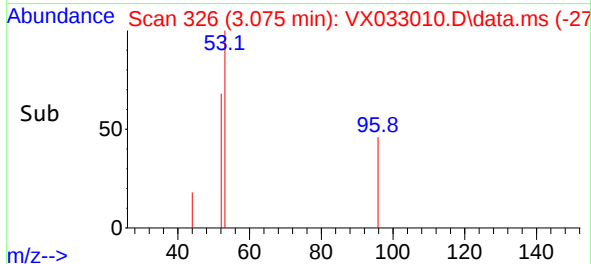
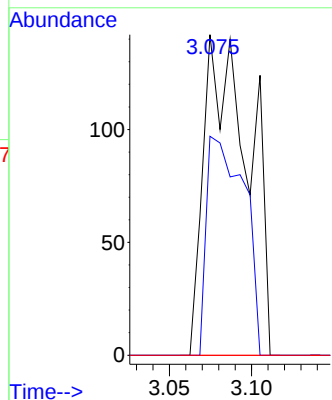
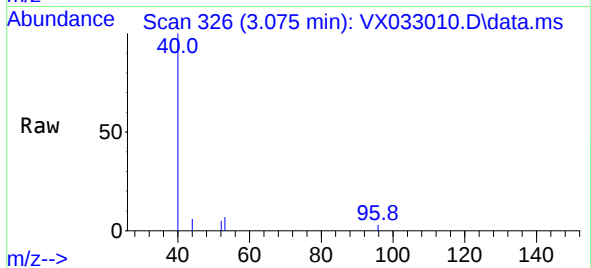




#15
Acrylonitrile
Concen: 0.434 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

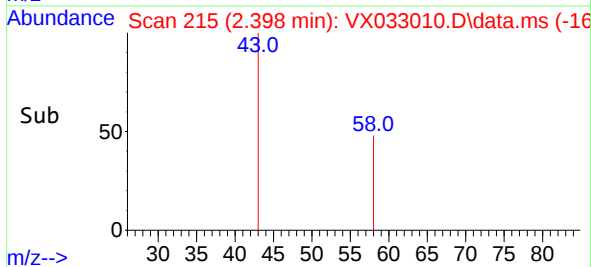
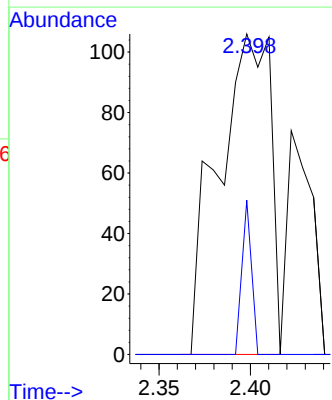
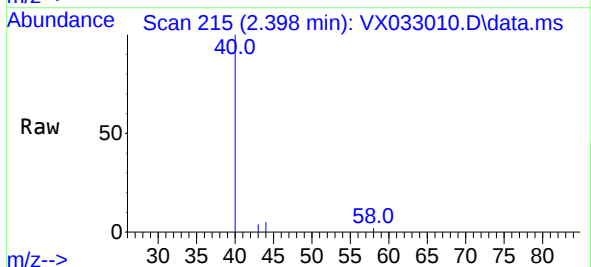
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL01

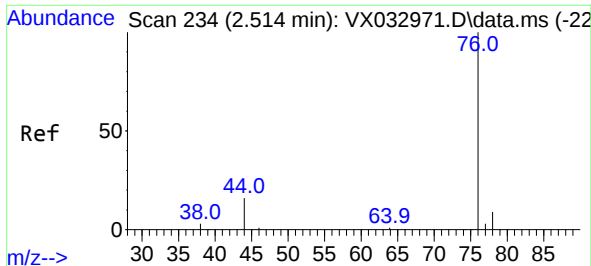
Tgt Ion: 53 Resp: 267
Ion Ratio Lower Upper
53 100
52 57.7 67.4 101.0#
51 0.0 30.3 45.5#



#16
Acetone
Concen: 0.329 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
58 48.1 23.8 35.8#

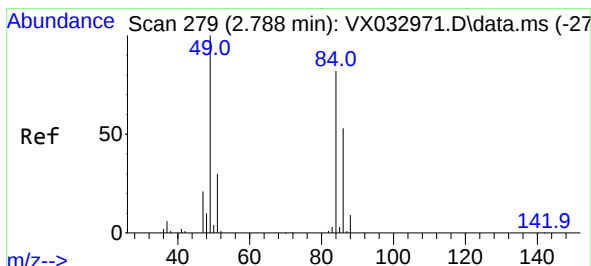
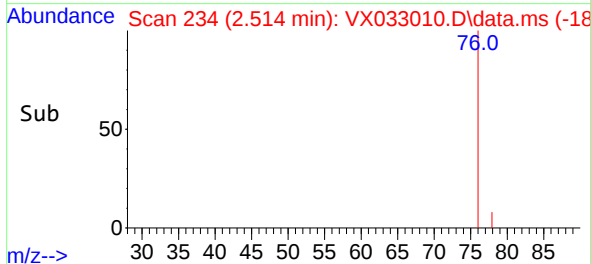
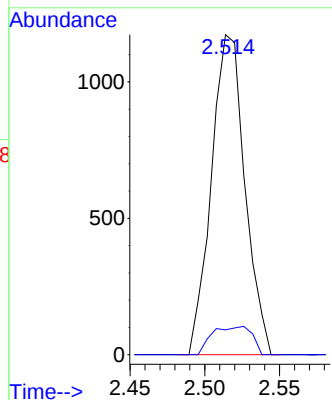
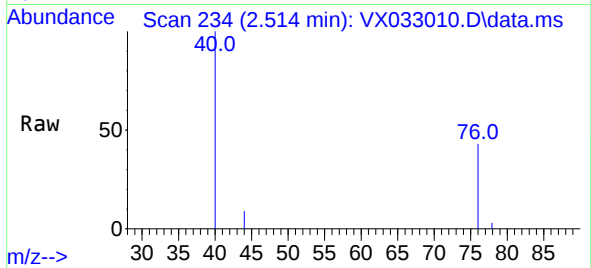




#17
Carbon Disulfide
Concen: 0.539 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

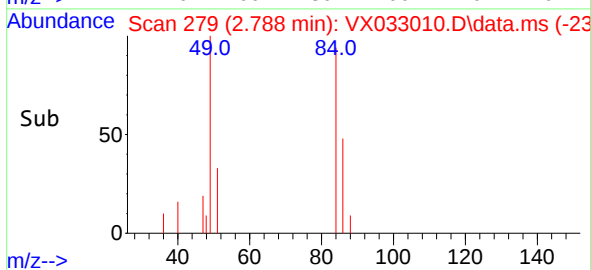
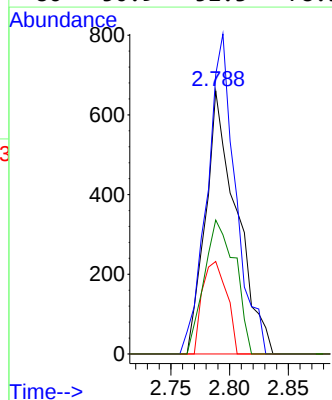
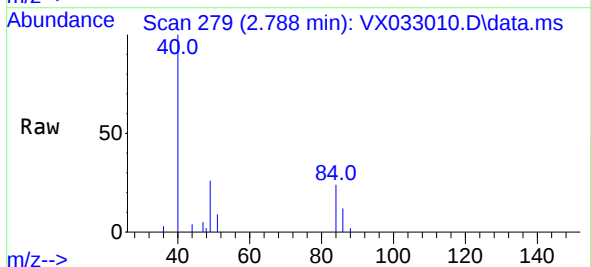
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL01

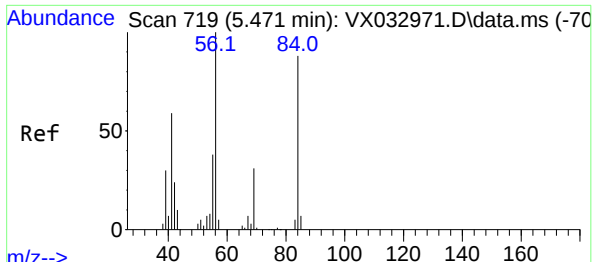
Tgt Ion: 76 Resp: 1829
Ion Ratio Lower Upper
76 100
78 7.8 7.5 11.3



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

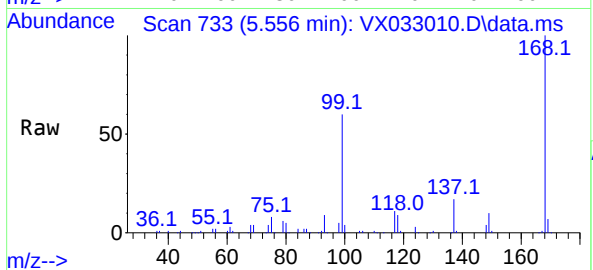
Tgt Ion: 84 Resp: 1213
Ion Ratio Lower Upper
84 100
49 106.2 101.0 151.6
51 35.2 31.1 46.7
86 50.9 52.3 78.5#



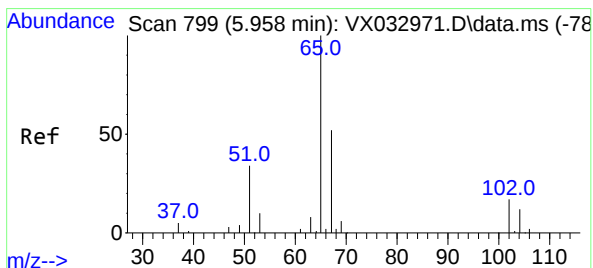
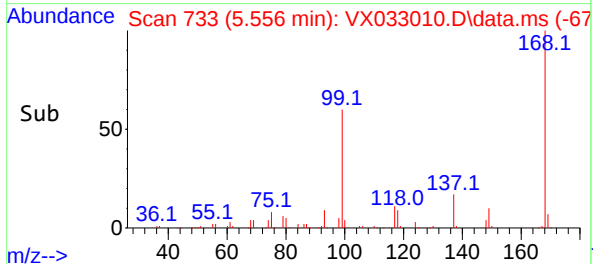
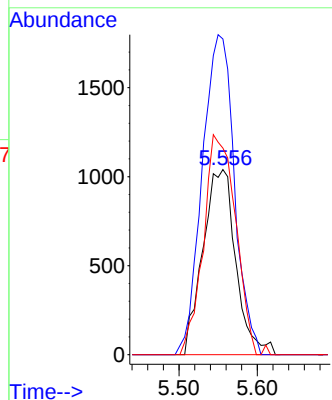


#31
Cyclohexane
Concen: 1.371 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL01

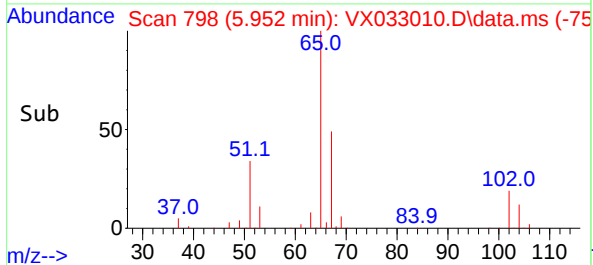
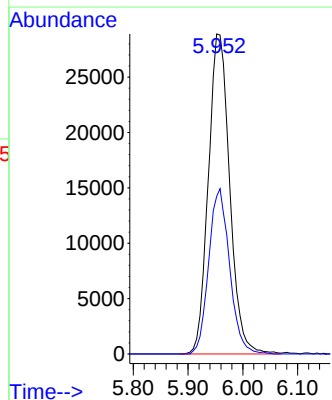
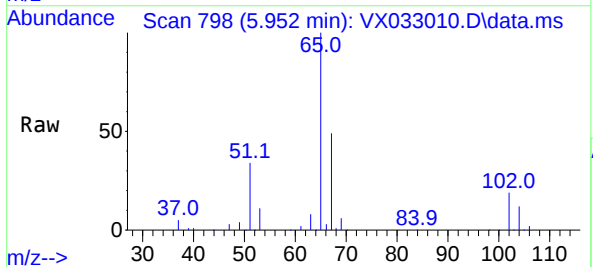


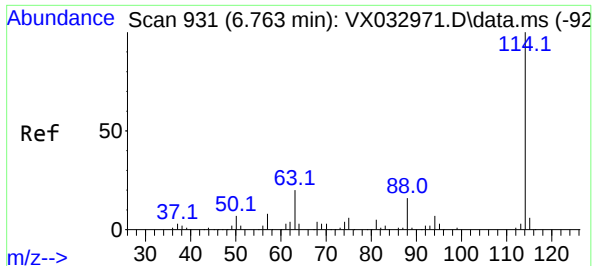
Tgt Ion: 56 Resp: 3046
Ion Ratio Lower Upper
56 100
69 170.6 24.1 36.1#
84 111.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 57.211 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

Tgt Ion: 65 Resp: 78106
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8

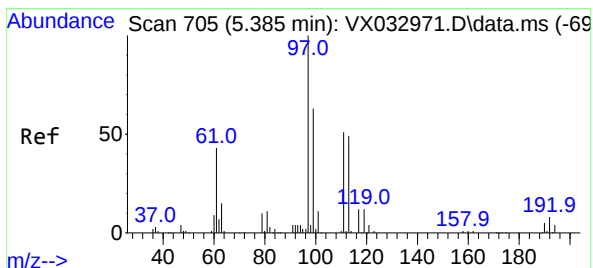
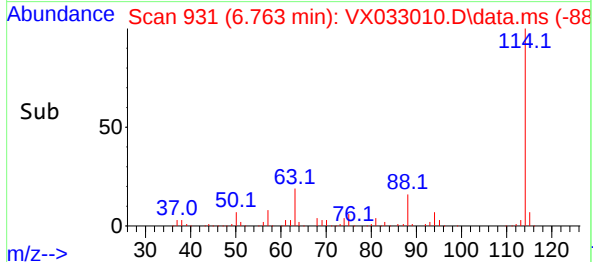
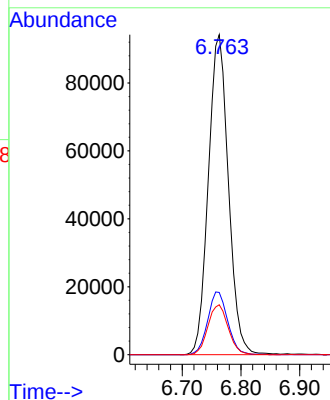
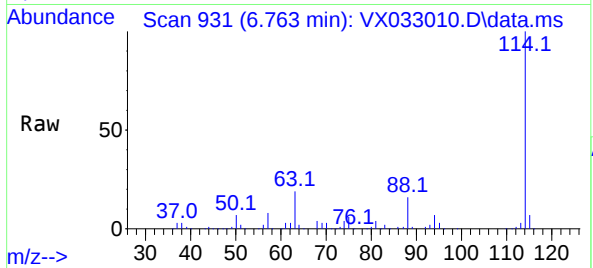




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

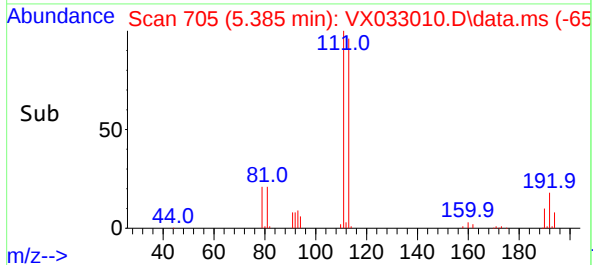
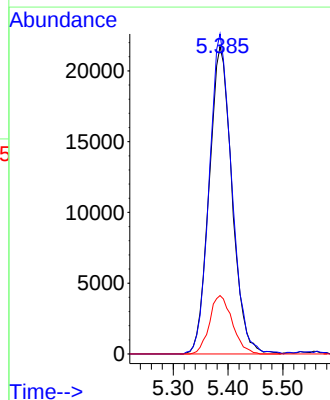
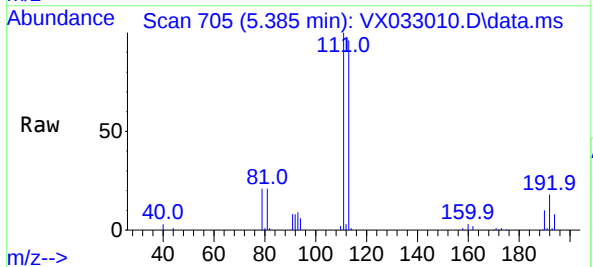
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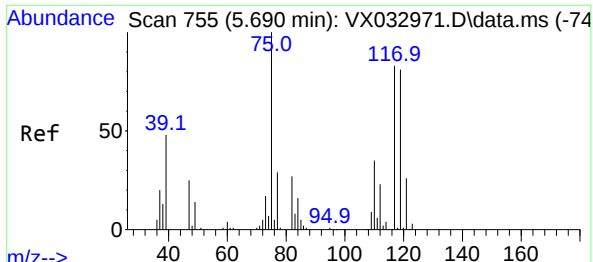
Tgt Ion:114 Resp: 223228
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.841 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

Tgt Ion:113 Resp: 62724
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 18.9 15.4 23.2

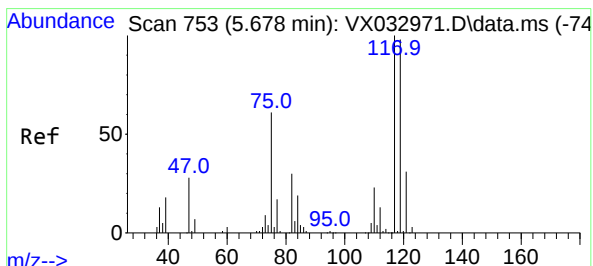
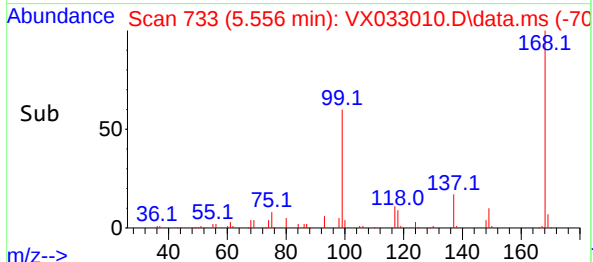
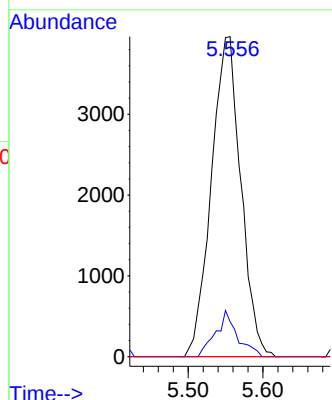
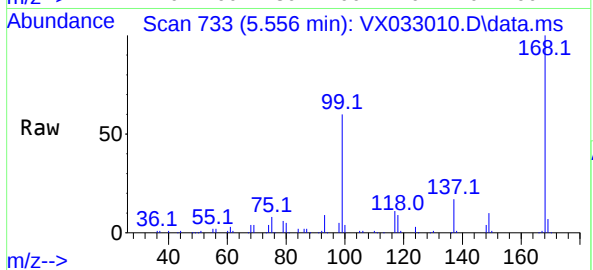




#36
1,1-Dichloropropene
Concen: 5.396 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

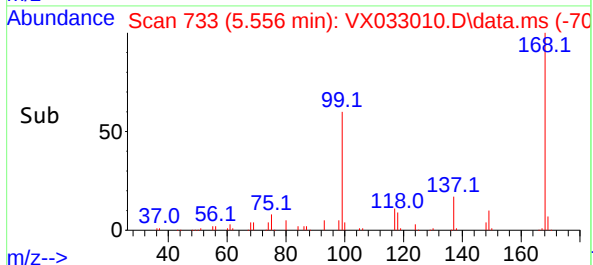
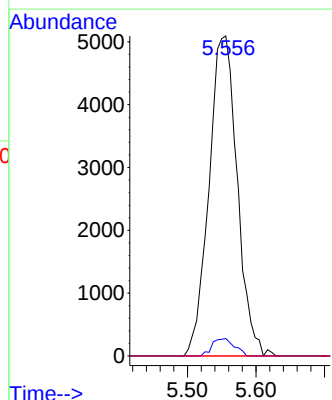
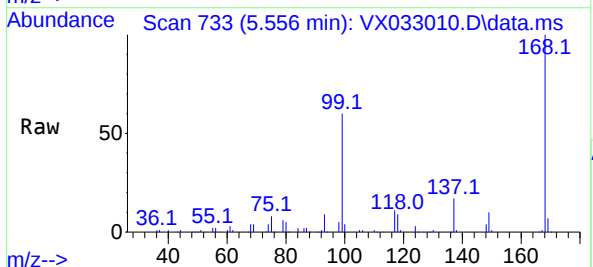
Instrument :
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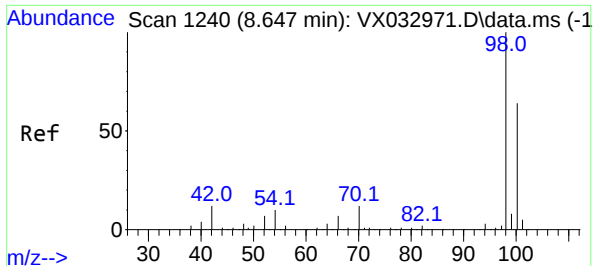
Tgt Ion: 75 Resp: 10858
Ion Ratio Lower Upper
75 100
110 10.6 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.536 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

Tgt Ion: 117 Resp: 14590
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 56.663 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033010.D

Acq: 23 Nov 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

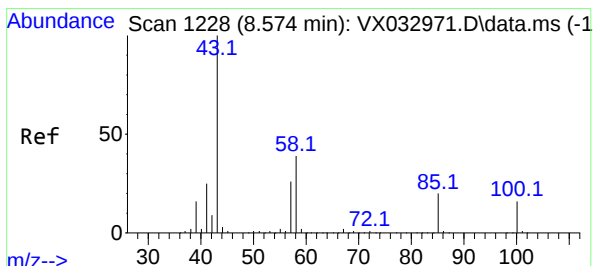
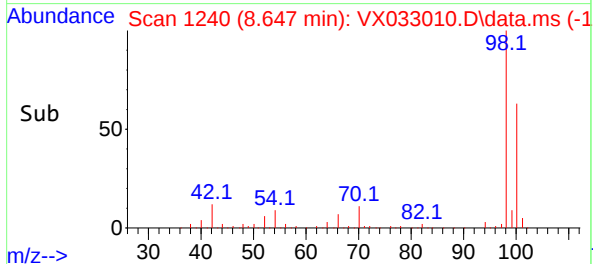
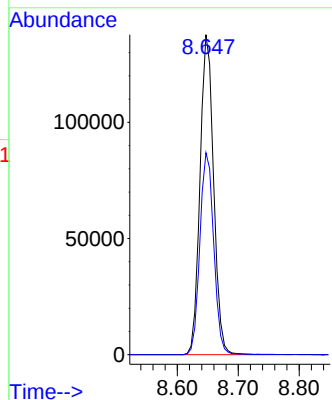
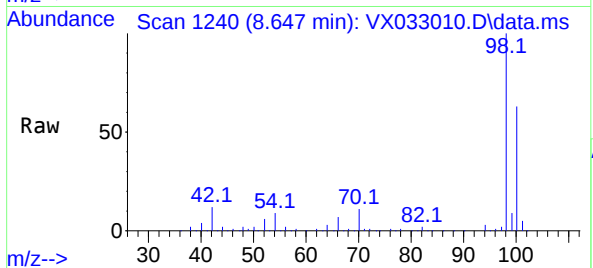
VX1123MBL01

Tgt Ion: 98 Resp: 213466

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.503 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX033010.D

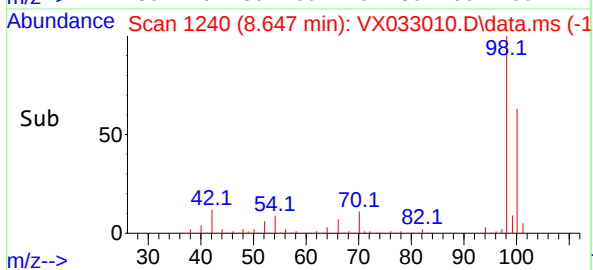
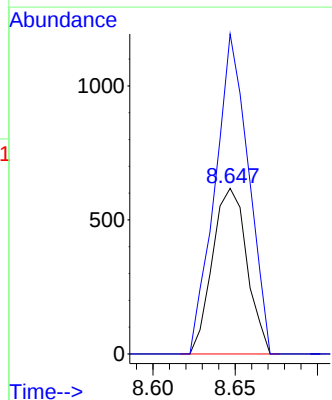
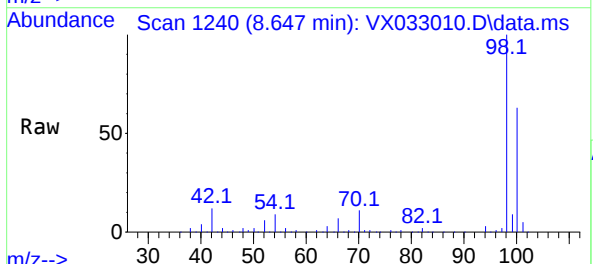
Acq: 23 Nov 2022 11:31

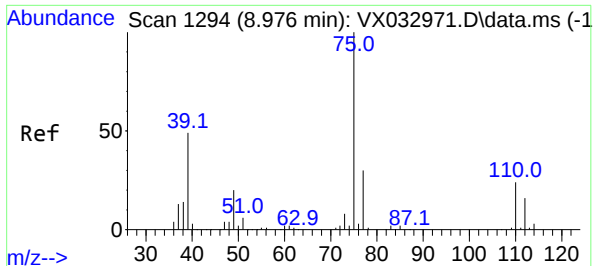
Tgt Ion: 43 Resp: 902

Ion Ratio Lower Upper

43 100

58 186.7 30.9 46.3#





#53

t-1,3-Dichloropropene

Concen: 1.572 ug/l

RT: 8.988 min Scan# 1177

Delta R.T. 0.006 min

Lab File: VX033010.D

Acq: 23 Nov 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

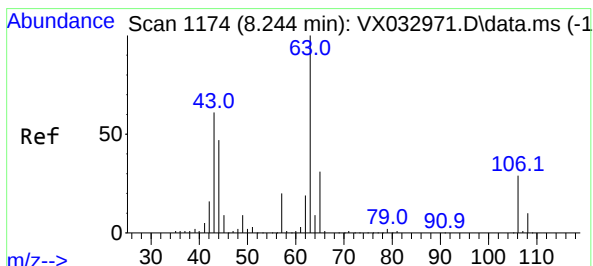
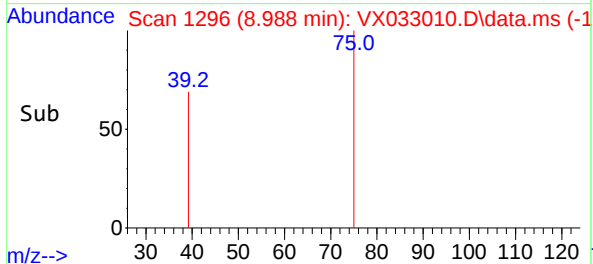
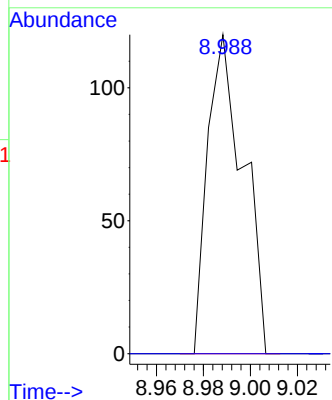
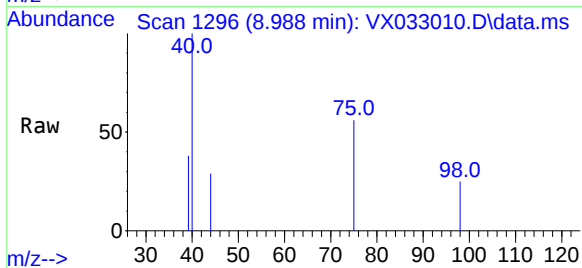
VX1123MBL01

Tgt Ion: 75 Resp: 127

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#58

2-Chloroethyl Vinyl ether

Concen: 0.262 ug/l

RT: 8.263 min Scan# 1177

Delta R.T. 0.019 min

Lab File: VX033010.D

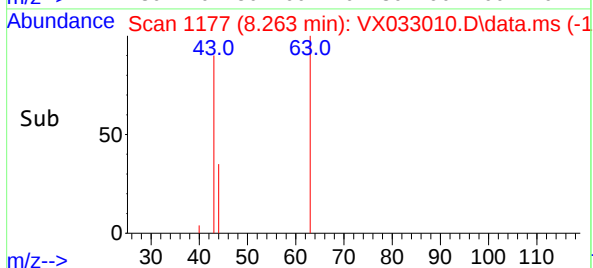
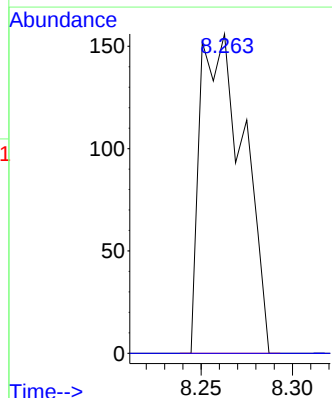
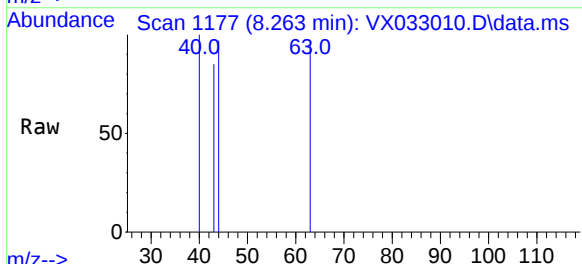
Acq: 23 Nov 2022 11:31

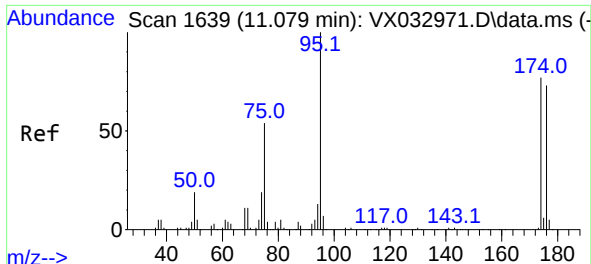
Tgt Ion: 63 Resp: 259

Ion Ratio Lower Upper

63 100

106 0.0 23.3 34.9#

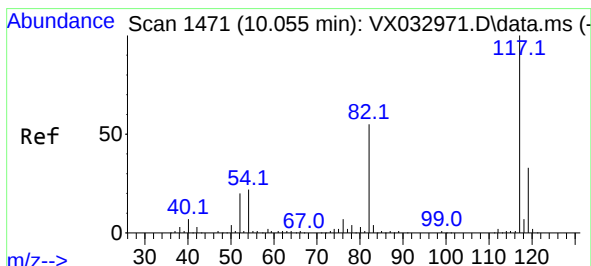
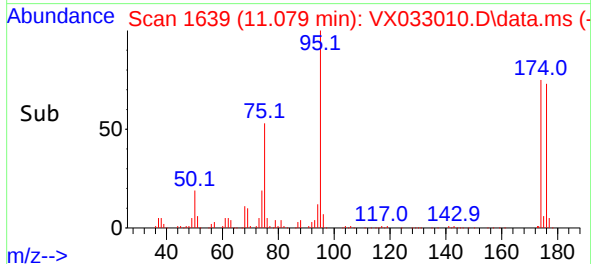
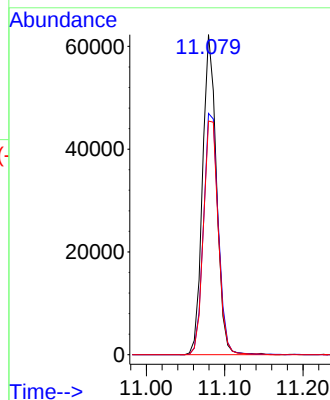
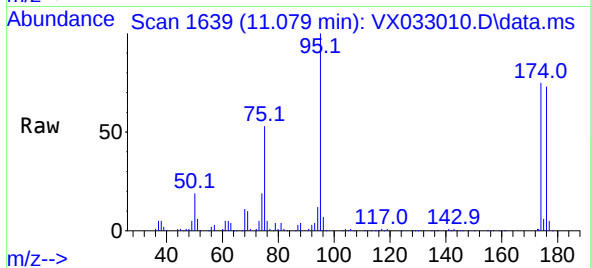




#62
4-Bromofluorobenzene
Concen: 46.513 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

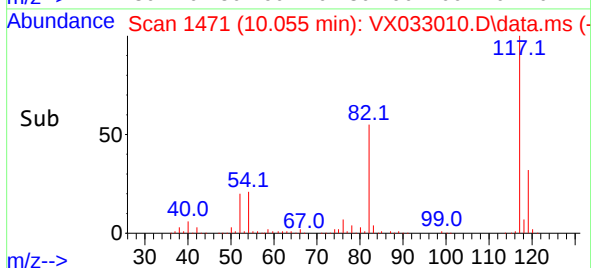
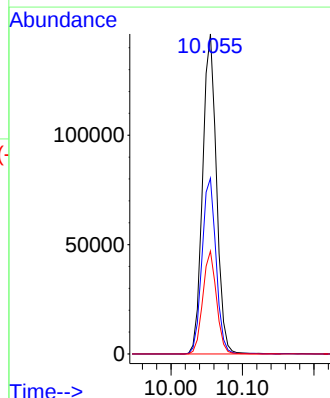
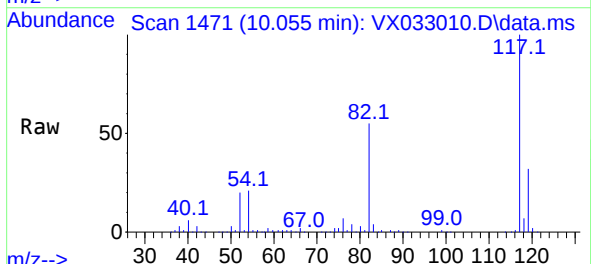
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL01

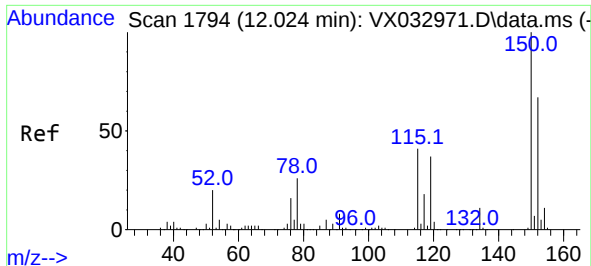
Tgt Ion: 95 Resp: 76893
Ion Ratio Lower Upper
95 100
174 80.3 0.0 164.0
176 77.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

Tgt Ion: 117 Resp: 197274
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.2 25.7 38.5

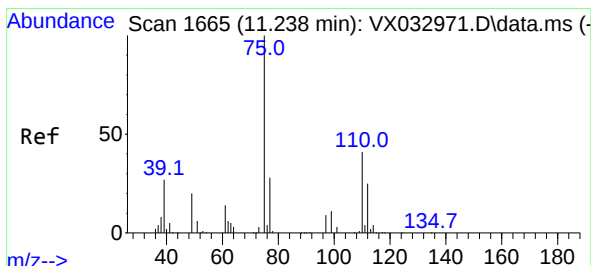
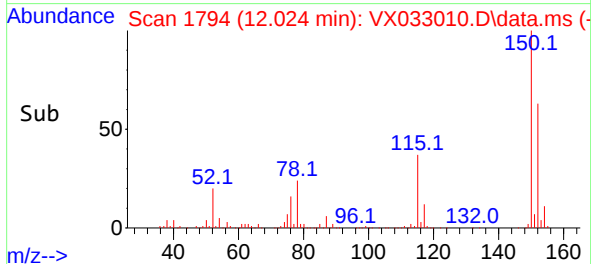
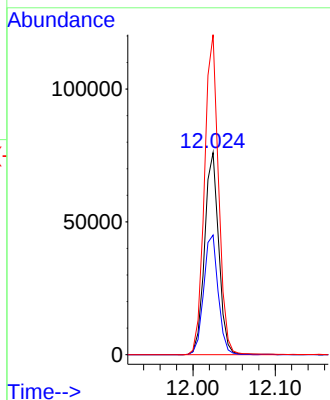
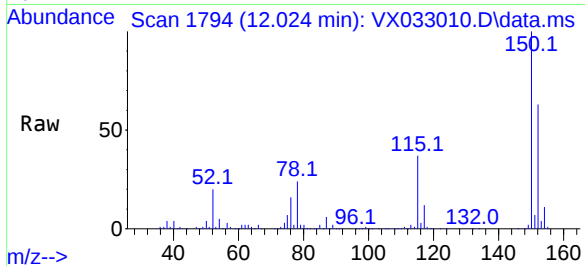




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

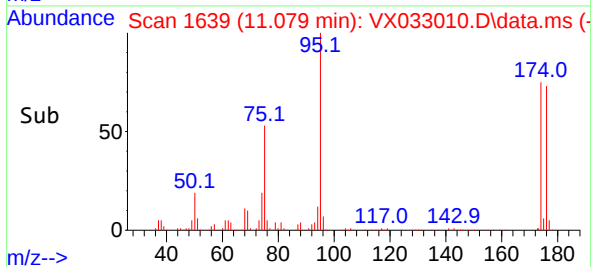
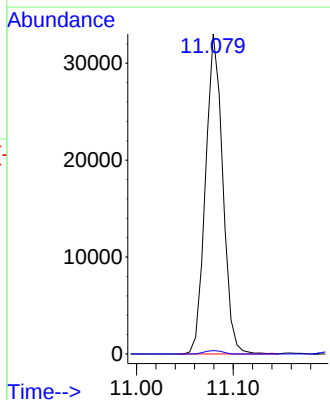
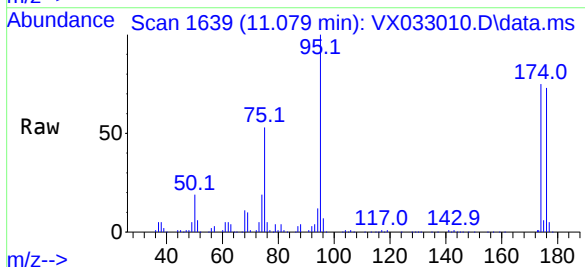
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL01

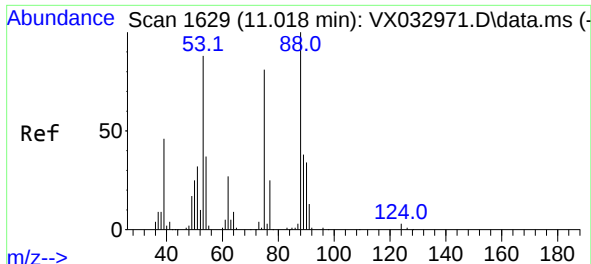
Tgt Ion:152 Resp: 90944
Ion Ratio Lower Upper
152 100
115 60.7 44.0 132.0
150 158.3 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 23.790 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

Tgt Ion: 75 Resp: 40975
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#

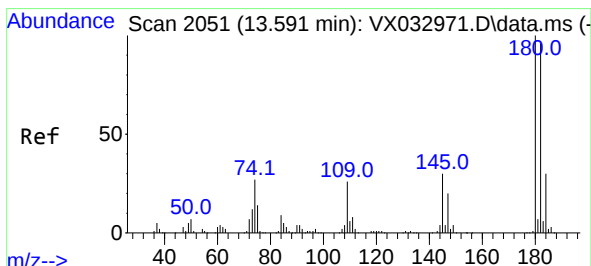
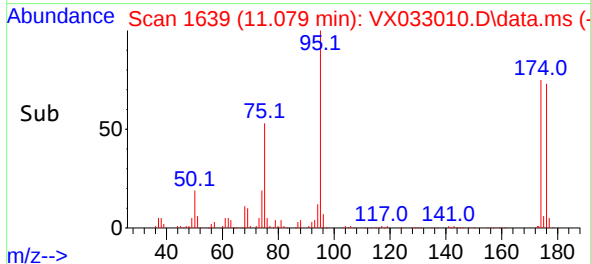
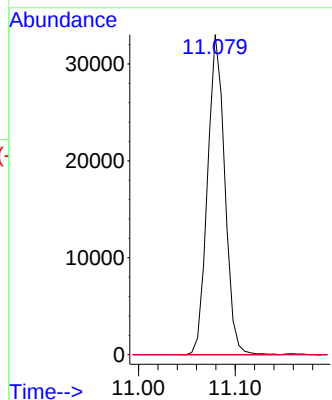
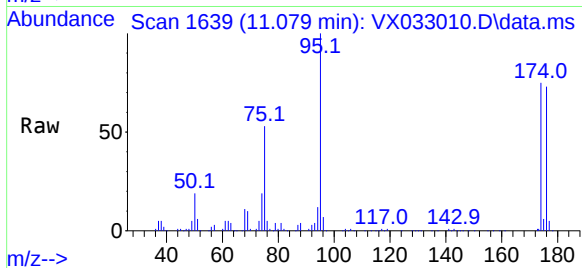




#81
trans-1,4-Dichloro-2-butene
Concen: 77.330 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

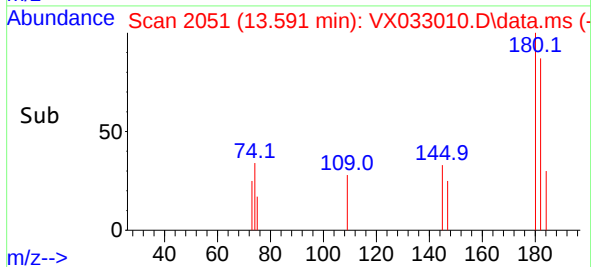
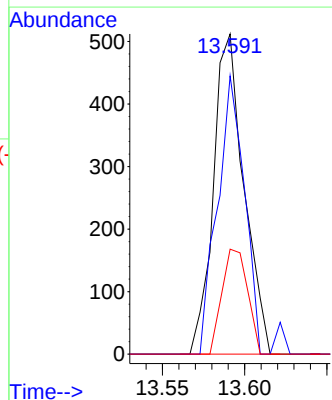
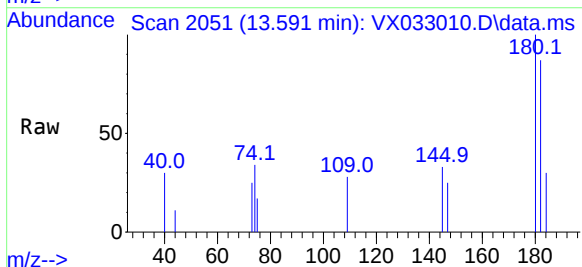
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL01

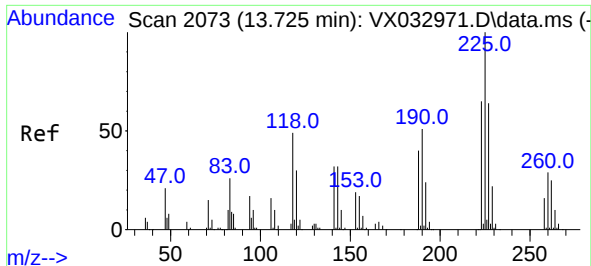
Tgt Ion: 75 Resp: 40975
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.367 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

Tgt Ion:180 Resp: 660
Ion Ratio Lower Upper
180 100
182 76.8 48.4 145.0
145 27.4 16.2 48.5

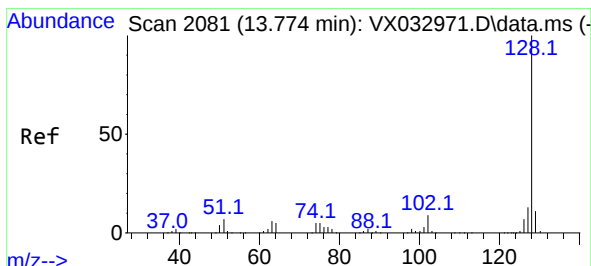
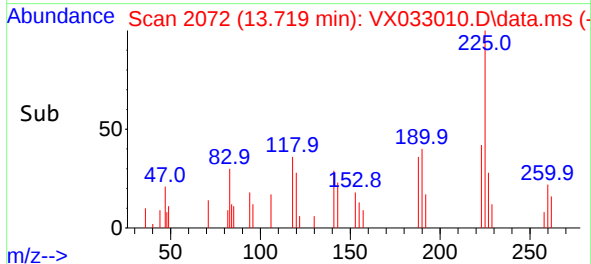
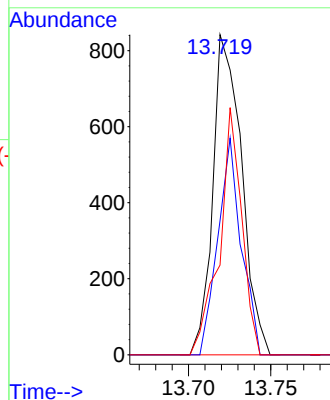
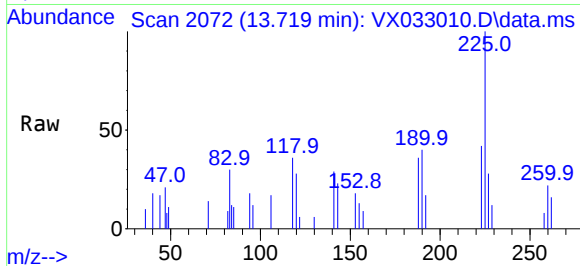




#94
Hexachlorobutadiene
Concen: 1.289 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

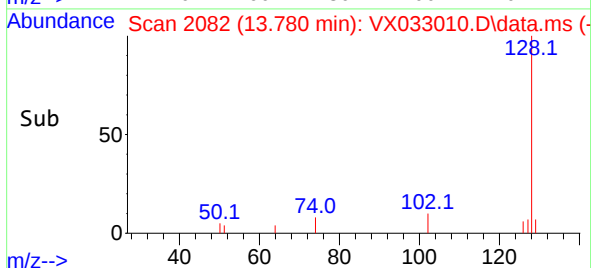
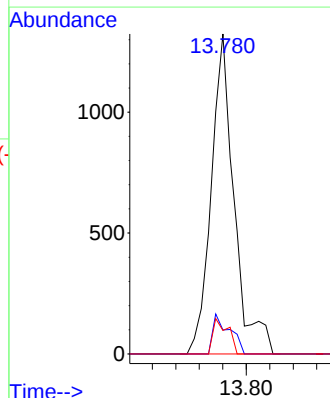
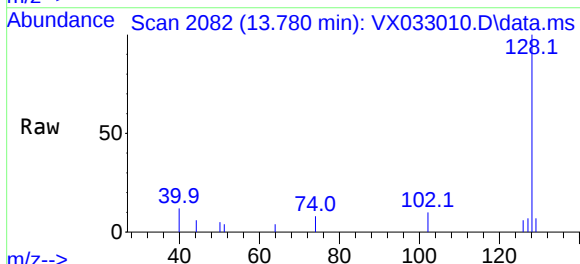
Instrument :
MSVOA_X
ClientSampleId :
VX1123MBL01

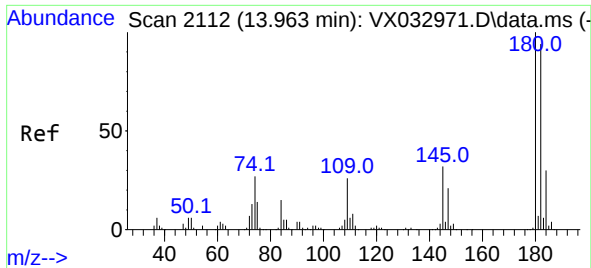
Tgt Ion:	225	Resp:	1022
Ion	Ratio	Lower	Upper
225	100		
223	55.1	31.9	95.9
227	60.0	31.9	95.5



#95
Naphthalene
Concen: 0.307 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX033010.D
Acq: 23 Nov 2022 11:31

Tgt Ion:	128	Resp:	1788
Ion	Ratio	Lower	Upper
128	100		
127	9.1	10.2	15.4#
129	7.2	8.9	13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.343 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX033010.D
 Acq: 23 Nov 2022 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123MBL01

Tgt Ion:180 Resp: 618
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.5 142.6
 145 29.3 16.9 50.6

