

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022070.D
 Acq On : 18 May 2021 23:16
 Operator : JC/MD
 Sample : VX0518WBL03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBL03

Quant Time: May 19 05:31:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 05:14:43 2021
 Response via : Initial Calibration

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

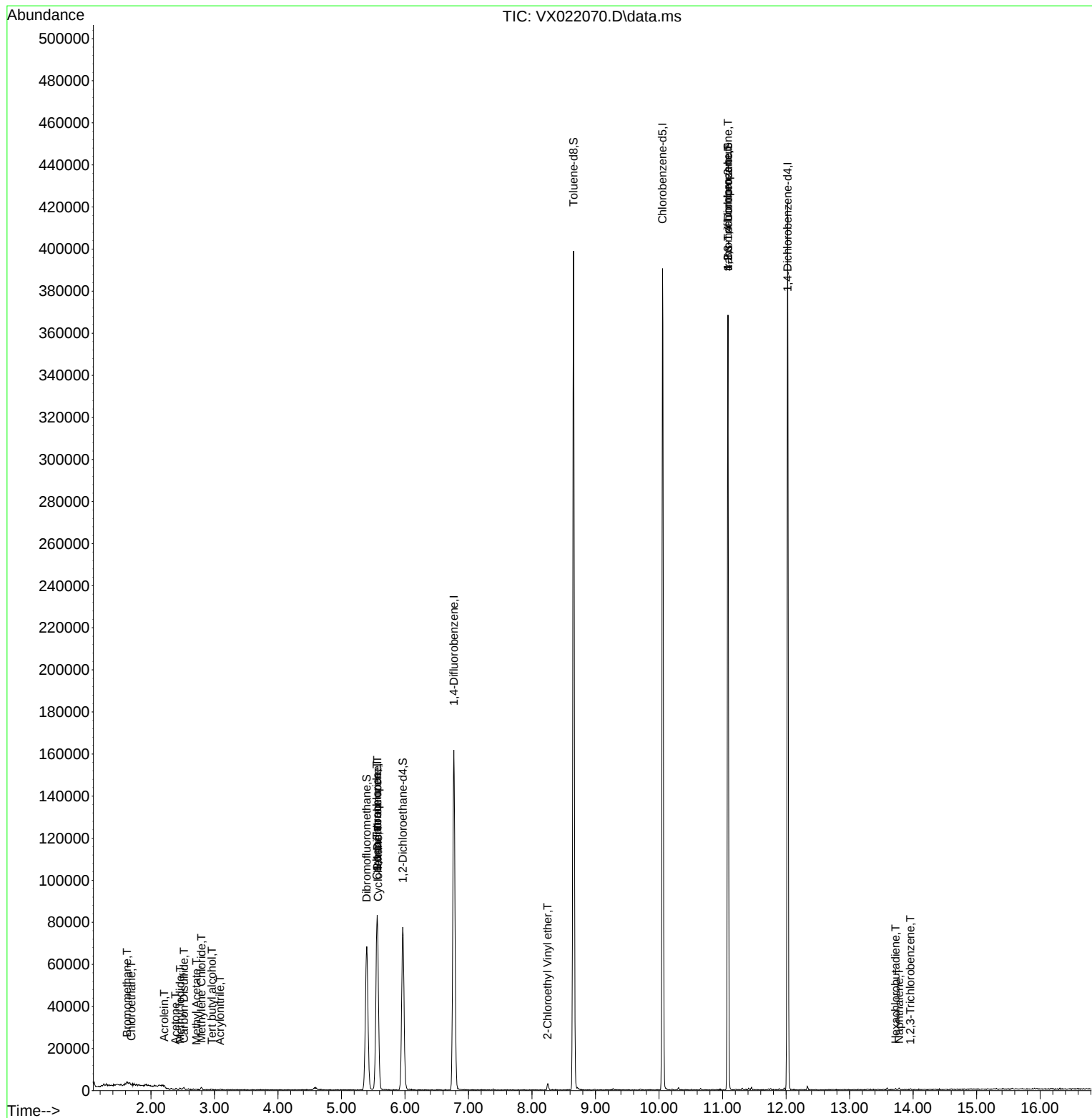
Internal Standards						
1) Pentafluorobenzene	5.562	168	71889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	162616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69674	23.67	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	47.34%#
35) Dibromofluoromethane	5.397	113	59475	22.47	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	44.94%#
50) Toluene-d8	8.653	98	233192	22.96	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	45.92%#
62) 4-Bromofluorobenzene	11.085	95	99780	26.36	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	52.72%#
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	311	0.55	ug/l	82
6) Chloroethane	1.691	64	19	1.28	ug/l #	43
10) Methyl Iodide	2.459	142	767	0.82	ug/l #	90
11) Tert butyl alcohol	2.959	59	70	0.25	ug/l #	73
13) Acrolein	2.209	56	57	0.32	ug/l #	1
15) Acrylonitrile	3.087	53	108	0.20	ug/l #	34
16) Acetone	2.386	43	447	0.88	ug/l #	42
17) Carbon Disulfide	2.520	76	1152	0.54	ug/l #	75
18) Methyl Acetate	2.715	43	333	0.25	ug/l #	51
20) Methylene Chloride	2.794	84	474	0.43	ug/l #	94
31) Cyclohexane	5.574	56	1834	1.27	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	7208	4.79	ug/l #	49
38) Carbon Tetrachloride	5.556	117	7833	5.21	ug/l #	16
58) 2-Chloroethyl Vinyl ether	8.244	63	1150	1.12	ug/l #	79
76) 1,2,3-Trichloropropane	11.085	75	50884	25.76	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.085	75	50884	64.62	ug/l #	13
94) Hexachlorobutadiene	13.725	225	116	0.20	ug/l #	31
95) Naphthalene	13.780	128	713	1.66	ug/l #	73
96) 1,2,3-Trichlorobenzene	13.957	180	254	1.26	ug/l #	68

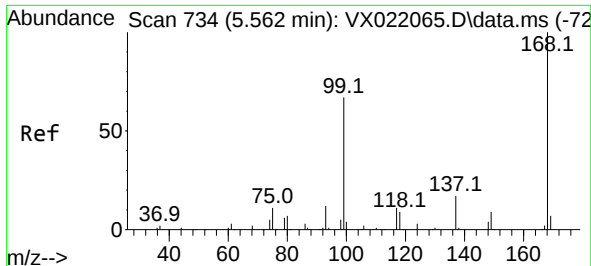
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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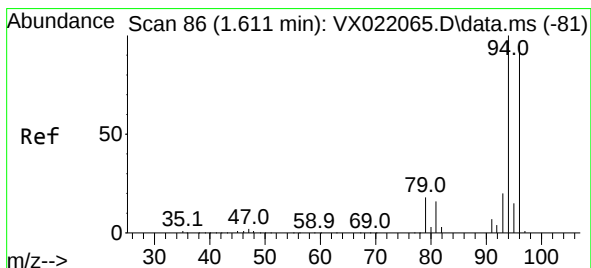
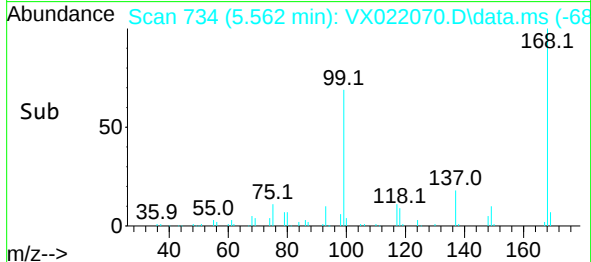
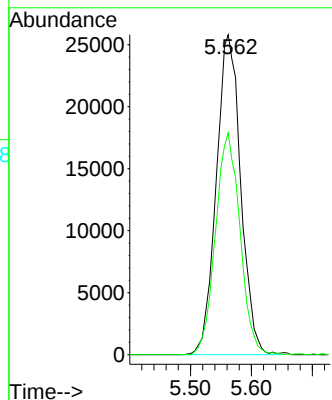
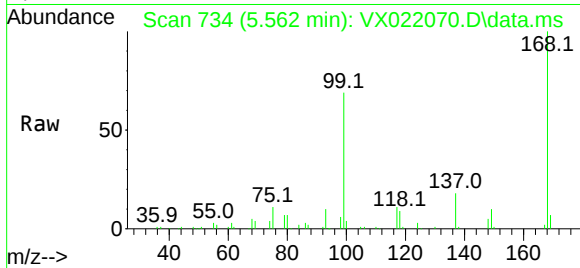




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

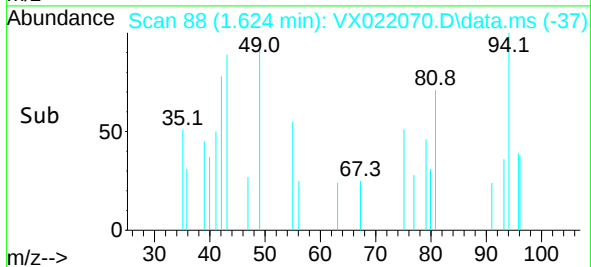
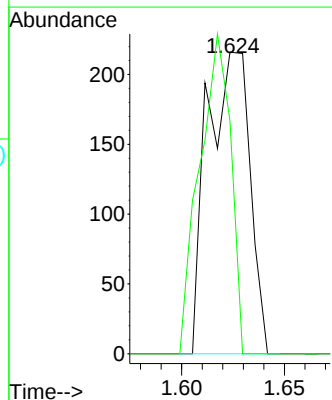
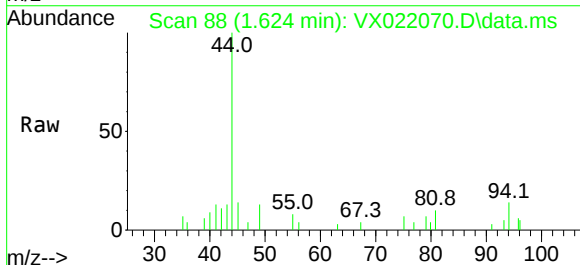
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBL03

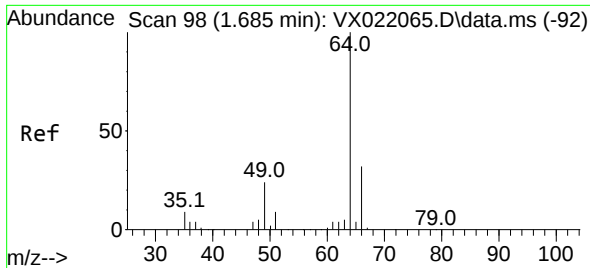
Tgt Ion:168 Resp: 71889
Ion Ratio Lower Upper
168 100
99 69.3 53.7 80.5



#5
Bromomethane
Concen: 0.55 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Tgt Ion: 94 Resp: 311
Ion Ratio Lower Upper
94 100
96 77.3 76.2 114.4

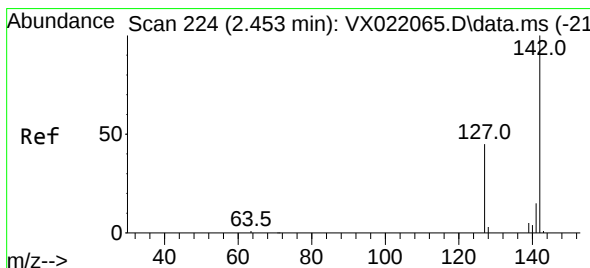
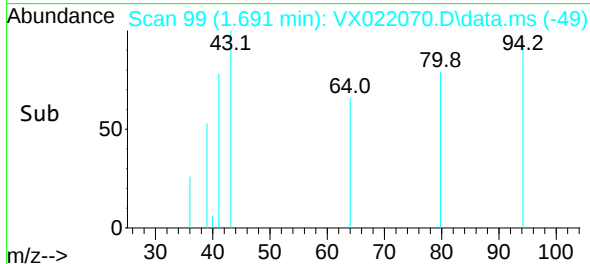
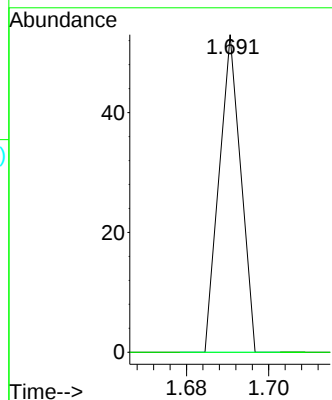
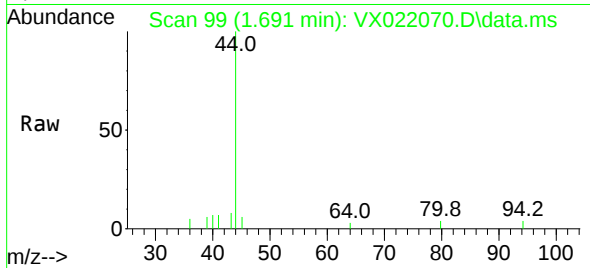




#6
Chloroethane
Concen: 1.28 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

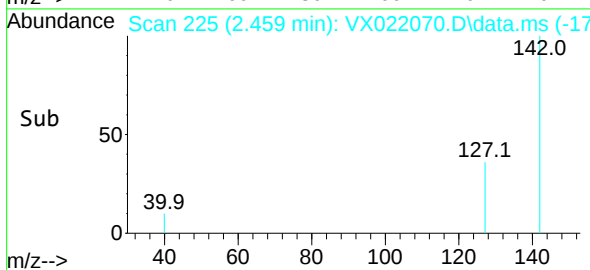
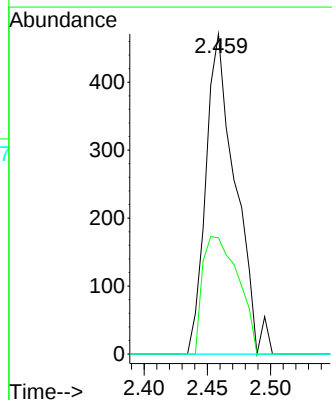
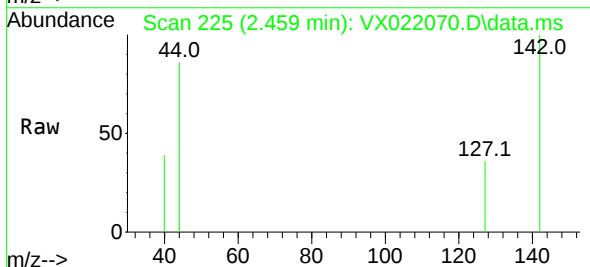
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBL03

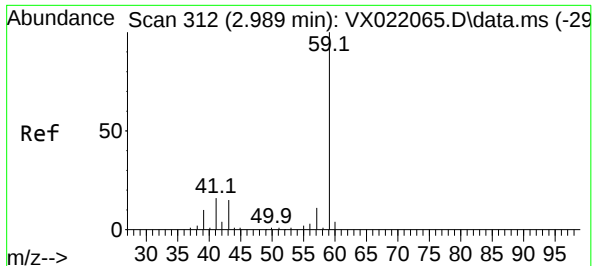
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#



#10
Methyl Iodide
Concen: 0.82 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Tgt Ion: 142 Resp: 767
Ion Ratio Lower Upper
142 100
127 44.2 36.7 55.1
141 0.0 11.4 17.0#



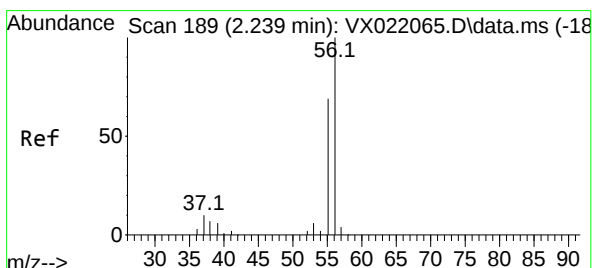
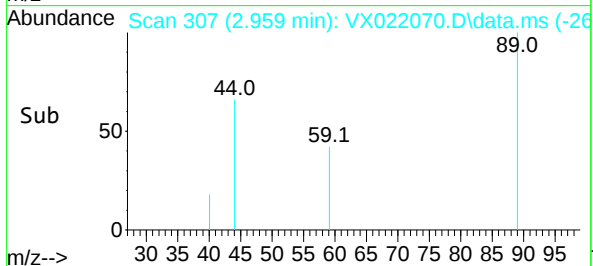
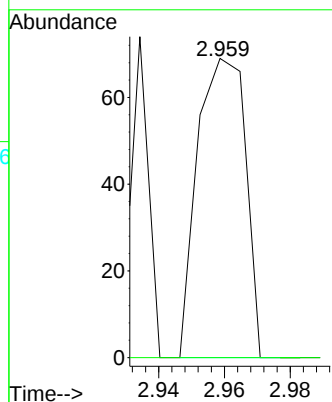
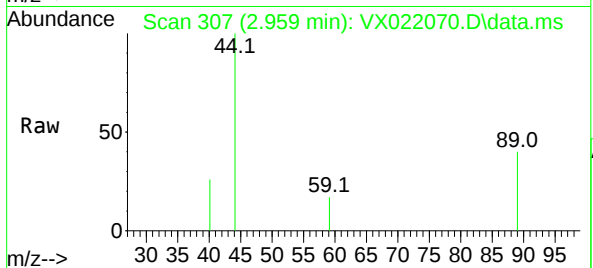


#11

Tert butyl alcohol
Concen: 0.25 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBL03

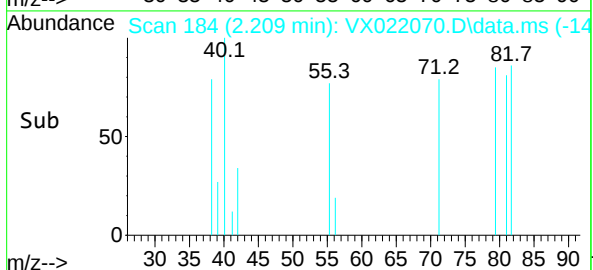
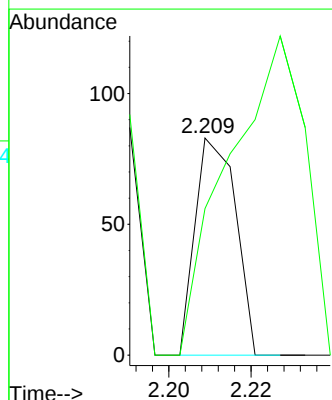
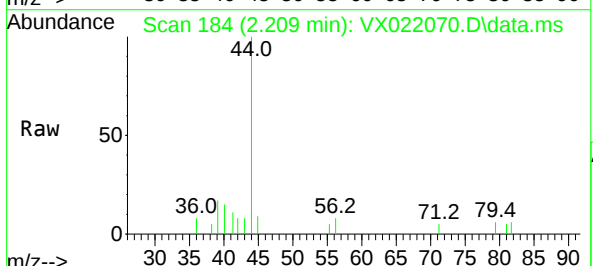
Tgt Ion: 59 Resp: 70
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

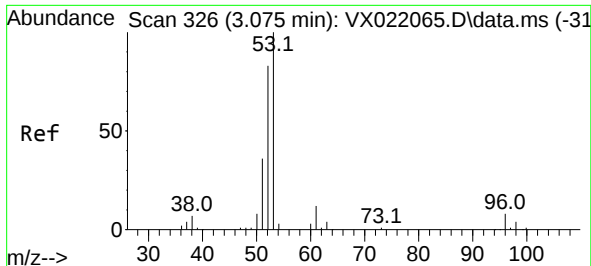


#13

Acrolein
Concen: 0.32 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.030 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 277.2 56.9 85.3#

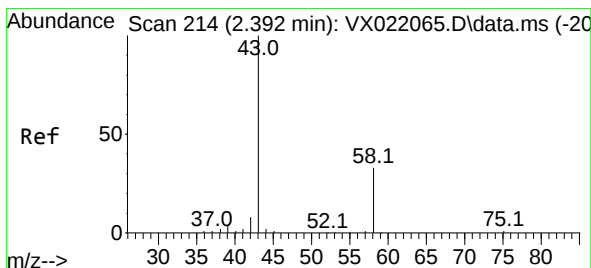
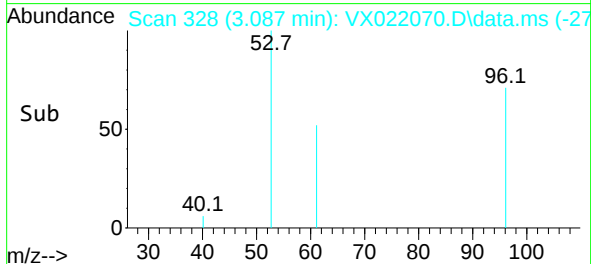
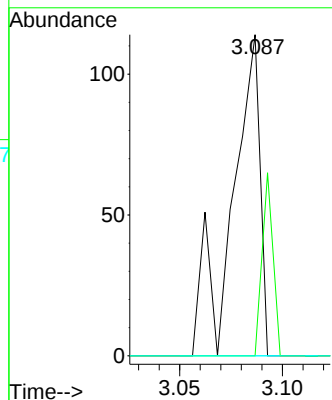
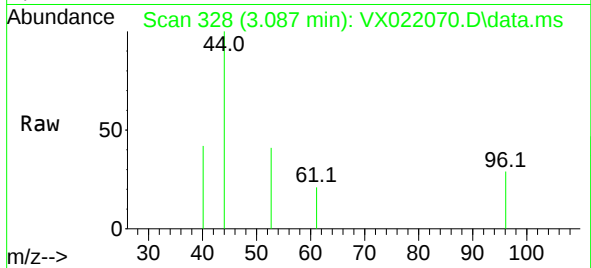




#15
Acrylonitrile
Concen: 0.20 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.012 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

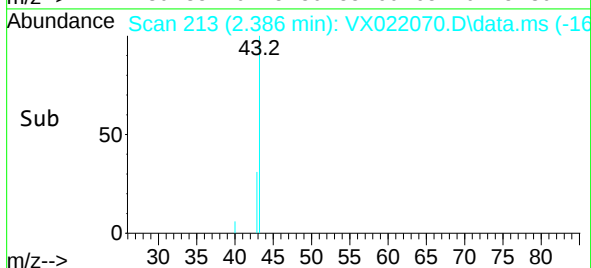
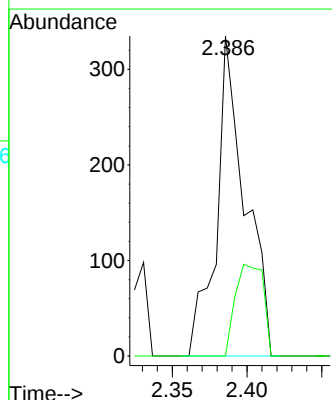
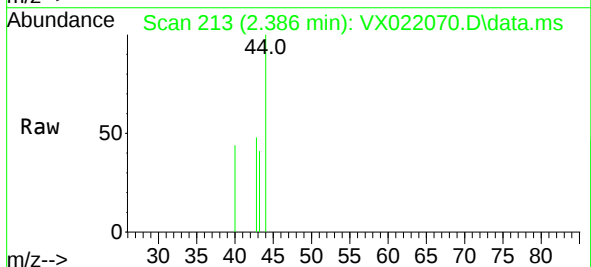
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBL03

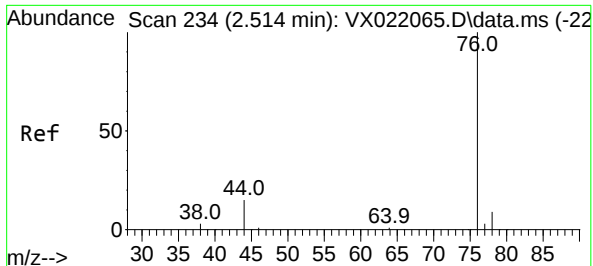
Tgt Ion: 53 Resp: 108
Ion Ratio Lower Upper
53 100
52 22.2 66.8 100.2#
51 0.0 28.6 42.8#



#16
Acetone
Concen: 0.88 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Tgt Ion: 43 Resp: 447
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#

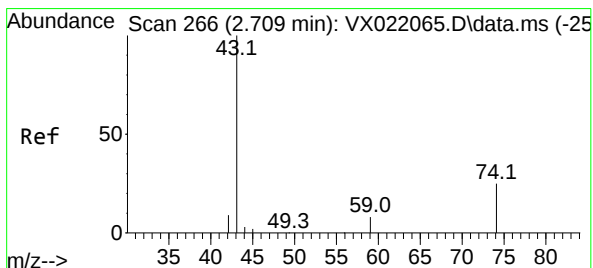
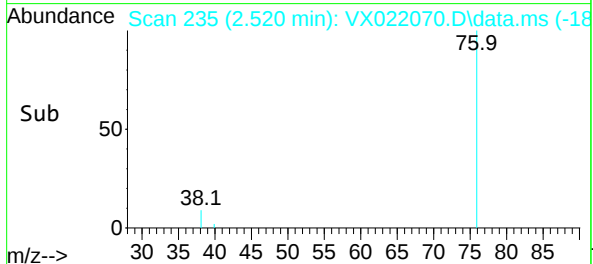
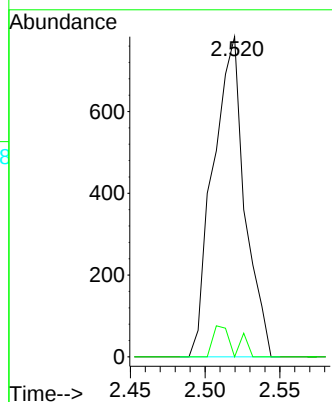
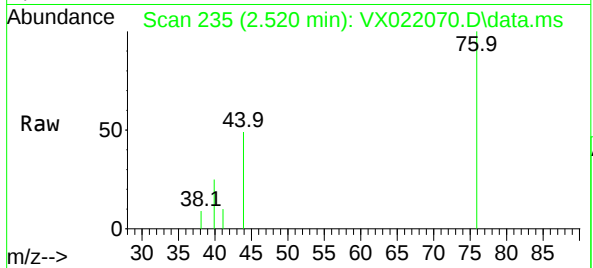




#17
Carbon Disulfide
Concen: 0.54 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

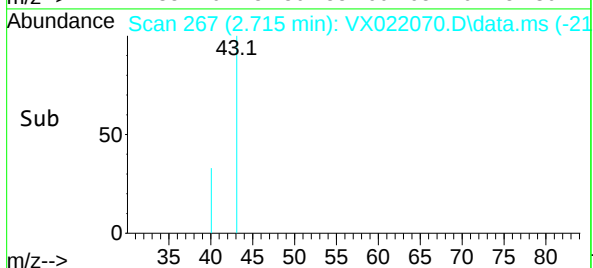
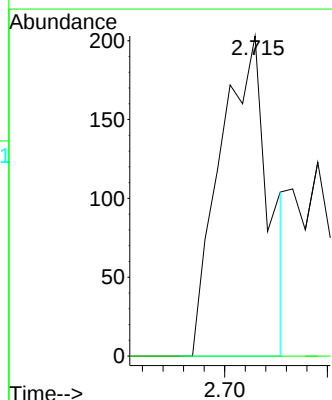
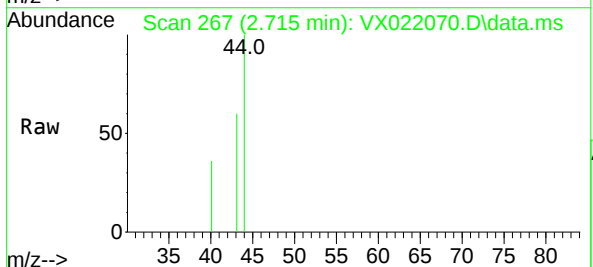
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBL03

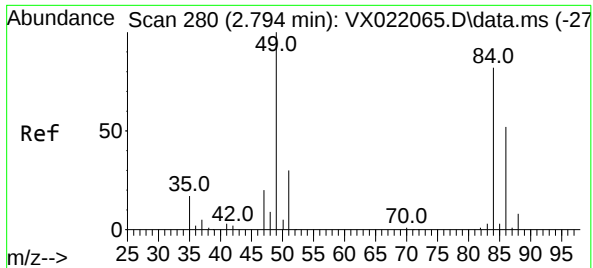
Tgt Ion: 76 Resp: 1152
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



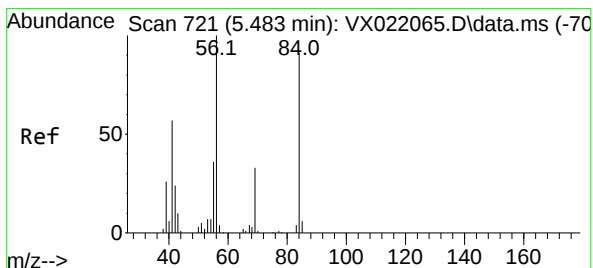
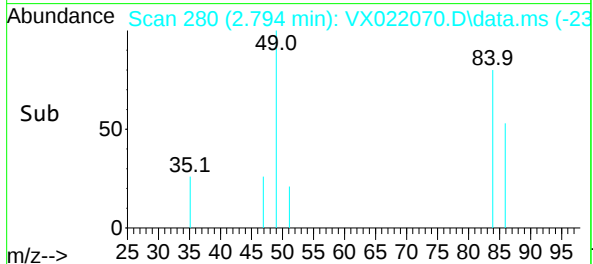
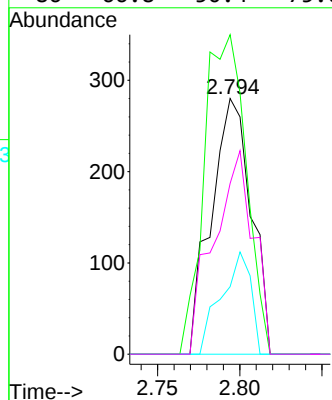
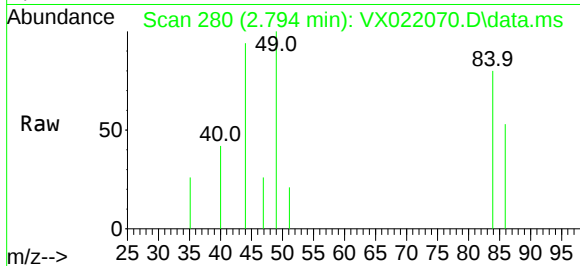


#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBL03

Tgt Ion: 84 Resp: 474

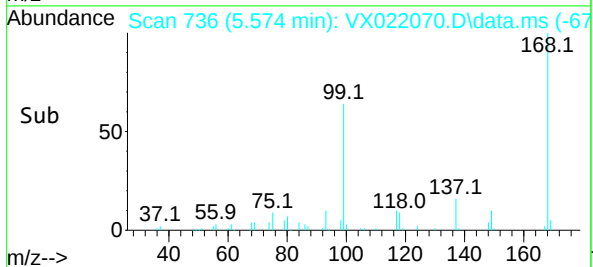
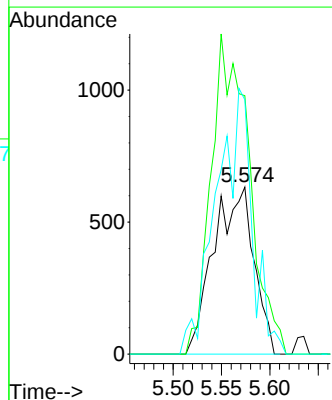
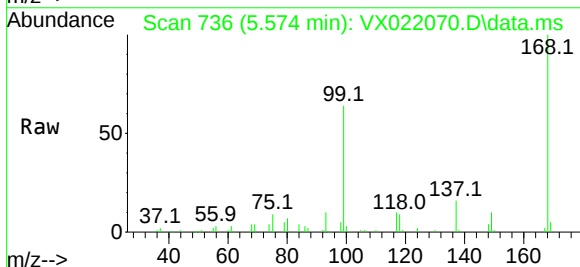
Ion	Ratio	Lower	Upper
84	100		
49	125.0	97.4	146.0
51	26.4	29.0	43.4#
86	66.8	50.4	75.6

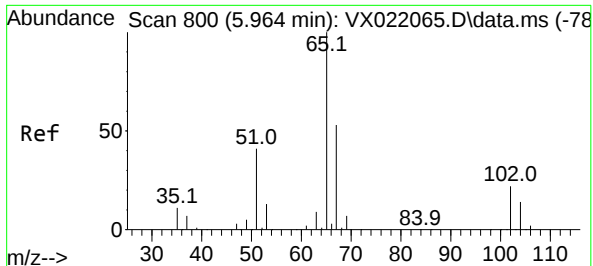


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 5.574 min Scan# 736
Delta R.T. 0.091 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Tgt Ion: 56 Resp: 1834

Ion	Ratio	Lower	Upper
56	100		
69	154.7	26.2	39.4#
84	152.3	73.0	109.4#





#33

1,2-Dichloroethane-d4

Concen: 23.67 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

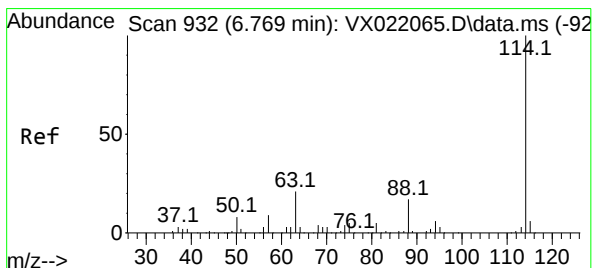
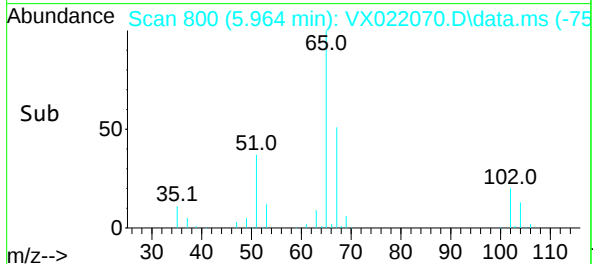
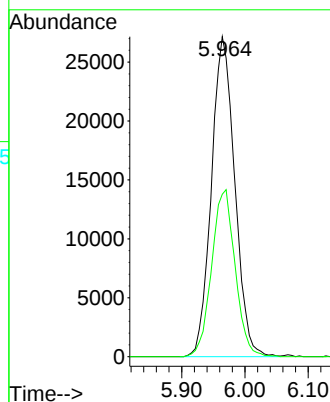
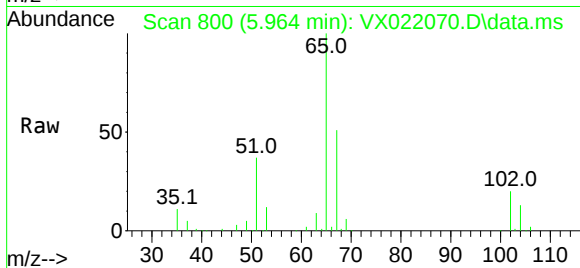
Lab File: VX022070.D

Acq: 18 May 2021 23:16

Tgt Ion: 65 Resp: 69674

Ion Ratio Lower Upper

65	100		
67	52.5	0.0	106.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

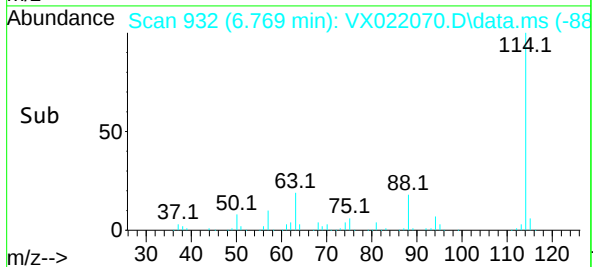
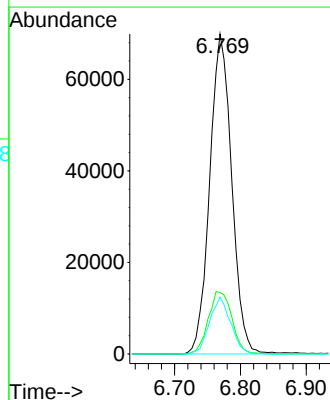
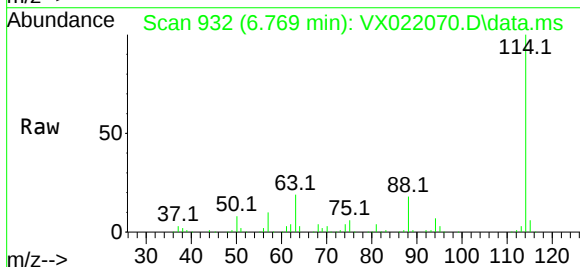
Lab File: VX022070.D

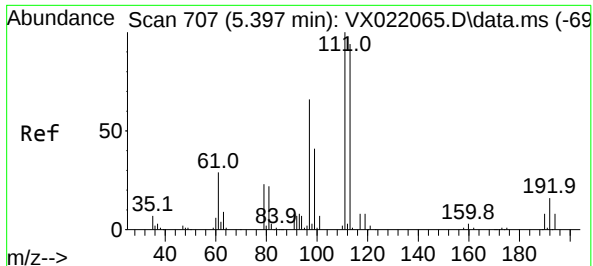
Acq: 18 May 2021 23:16

Tgt Ion: 114 Resp: 162616

Ion Ratio Lower Upper

114	100		
63	19.3	0.0	41.4
88	17.8	0.0	34.0





#35

Dibromofluoromethane

Concen: 22.47 ug/l

RT: 5.397 min Scan# 707

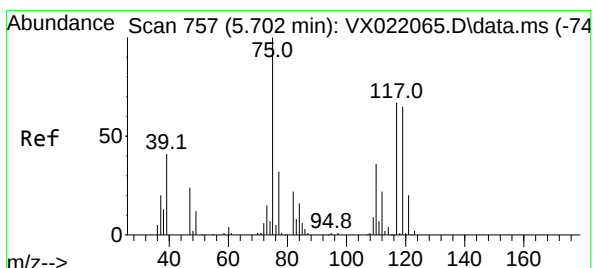
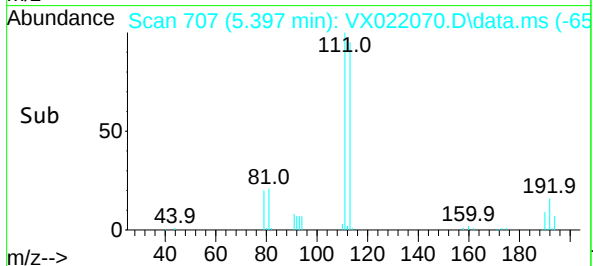
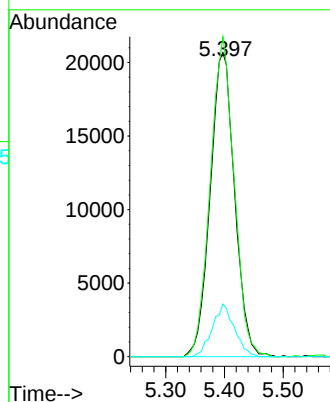
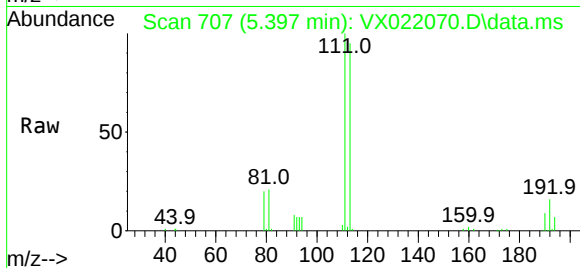
Delta R.T. -0.000 min

Lab File: VX022070.D

Acq: 18 May 2021 23:16

Tgt Ion:	113	Resp:	59475
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.8	125.6
192	15.7	13.1	19.7

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBL03



#36

1,1-Dichloropropene

Concen: 4.79 ug/l

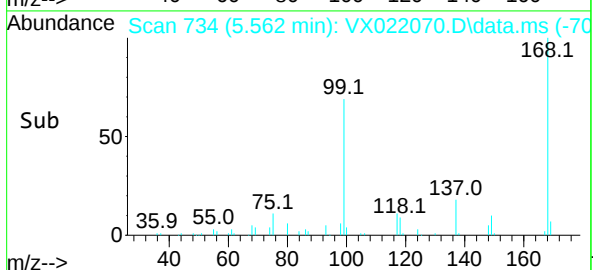
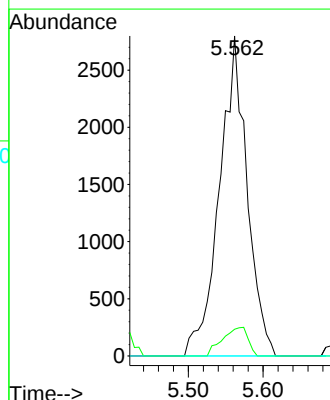
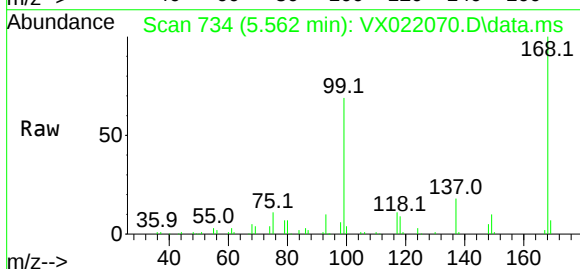
RT: 5.562 min Scan# 734

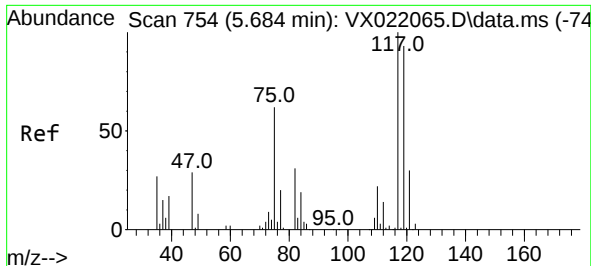
Delta R.T. -0.140 min

Lab File: VX022070.D

Acq: 18 May 2021 23:16

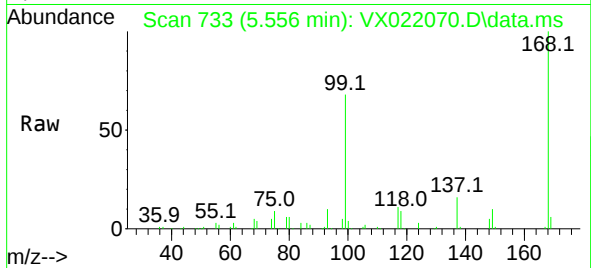
Tgt Ion:	75	Resp:	7208
Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.9	53.7#
77	0.0	25.0	37.4#



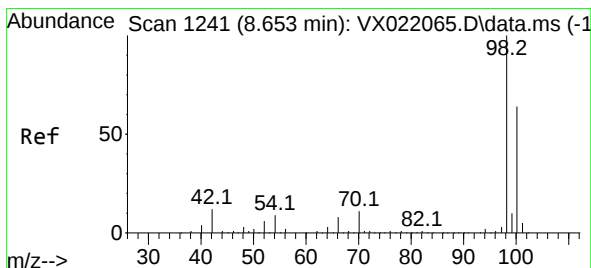
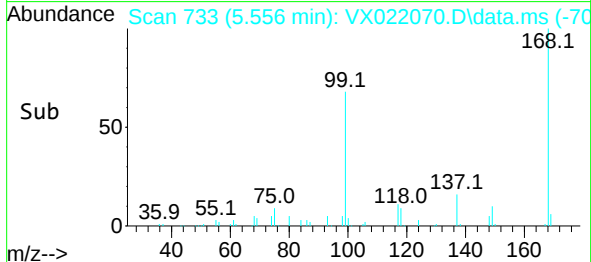
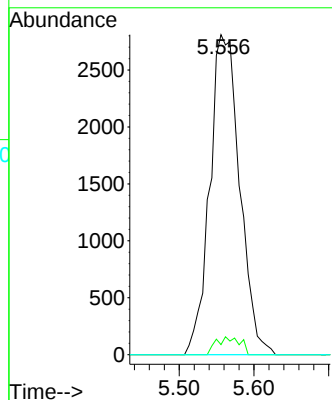


#38
Carbon Tetrachloride
Concen: 5.21 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Instrument :
MSVOA_X
ClientSampleId :
VX0518WBL03

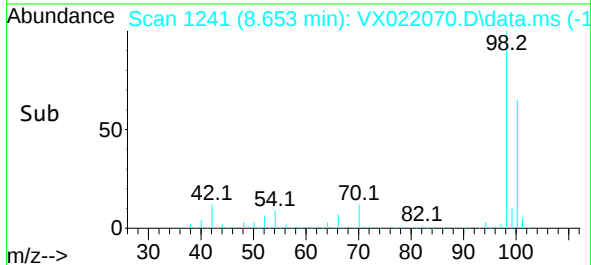
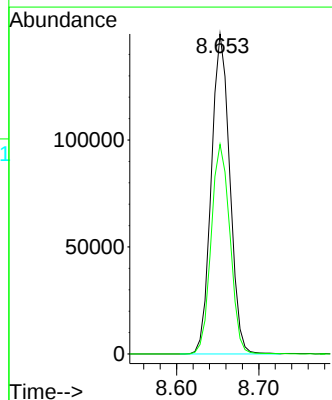
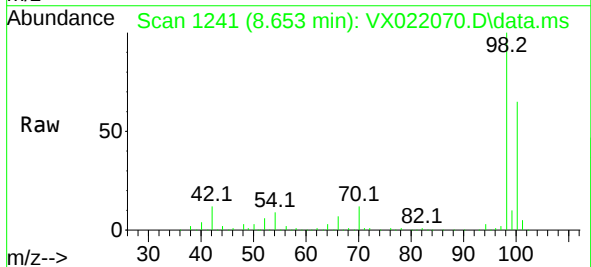


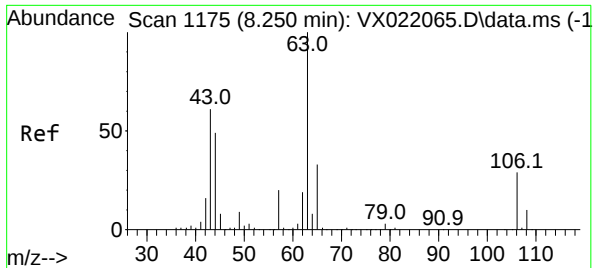
Tgt Ion:117 Resp: 7833
Ion Ratio Lower Upper
117 100
119 3.2 74.6 111.8#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 22.96 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Tgt Ion: 98 Resp: 233192
Ion Ratio Lower Upper
98 100
100 66.6 52.8 79.2

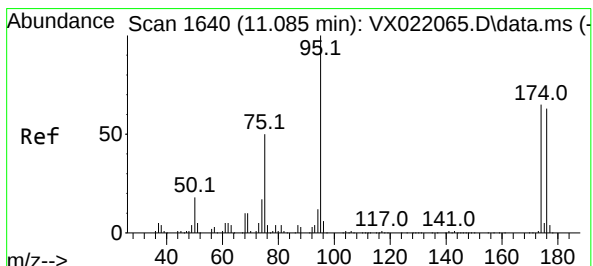
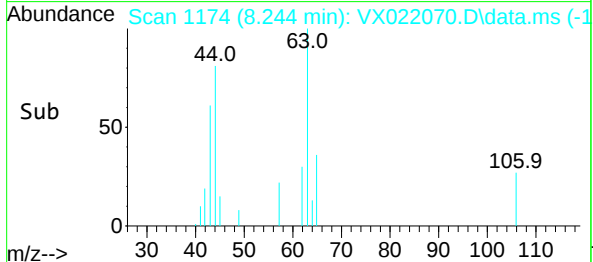
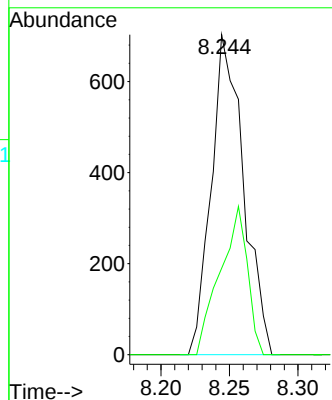
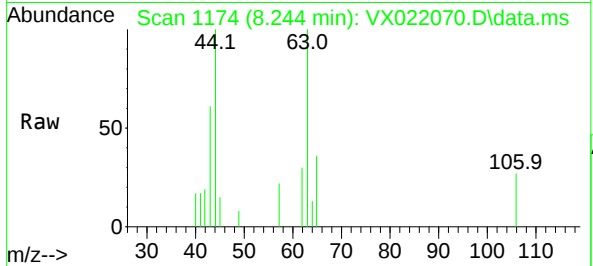




#58
2-Chloroethyl Vinyl ether
Concen: 1.12 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

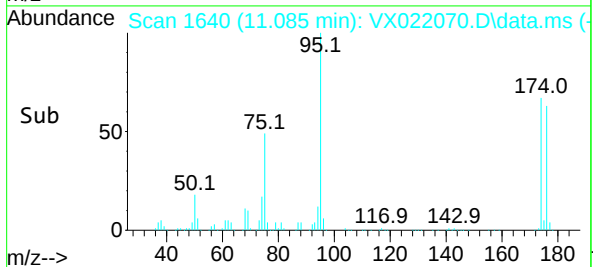
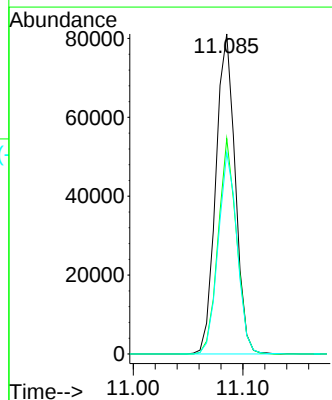
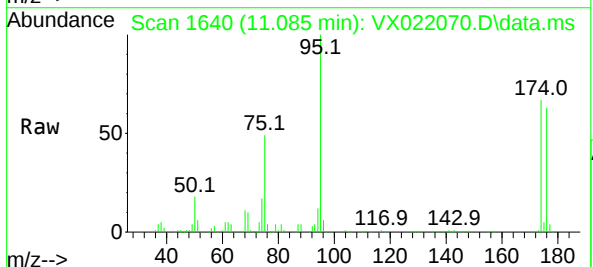
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBL03

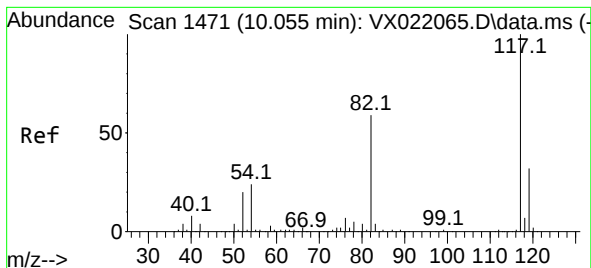
Tgt Ion: 63 Resp: 1150
Ion Ratio Lower Upper
63 100
106 39.5 22.8 34.2#



#62
4-Bromofluorobenzene
Concen: 26.36 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Tgt Ion: 95 Resp: 99780
Ion Ratio Lower Upper
95 100
174 63.7 0.0 128.8
176 61.3 0.0 125.8

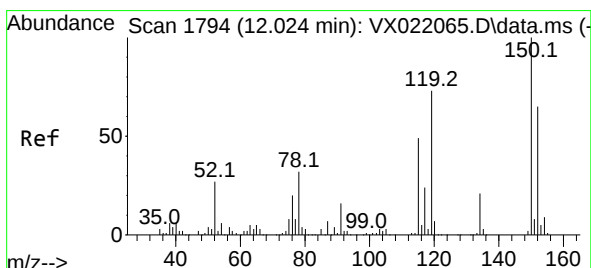
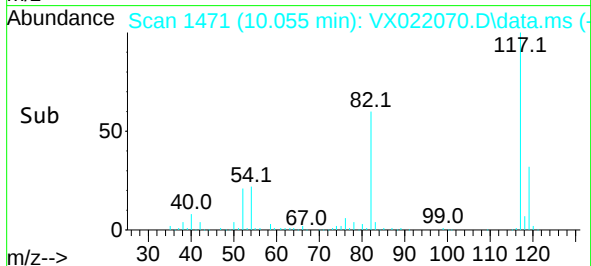
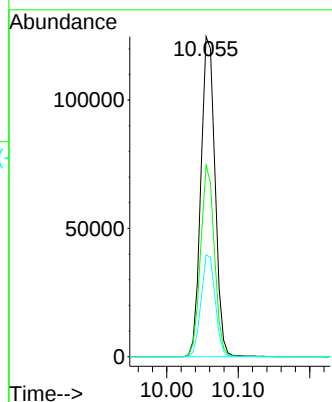
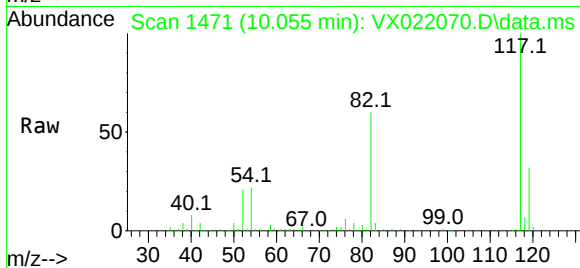




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

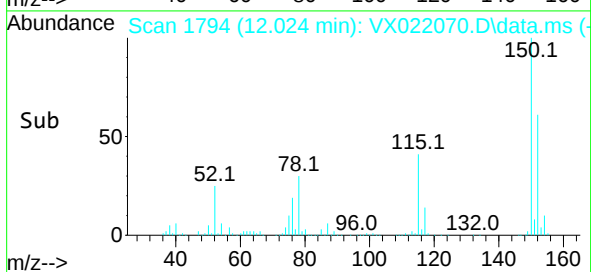
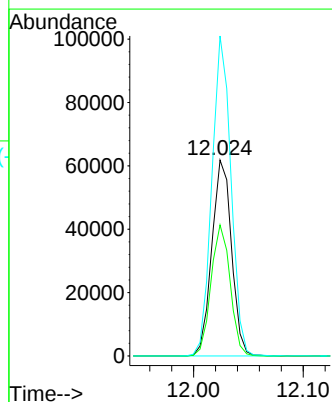
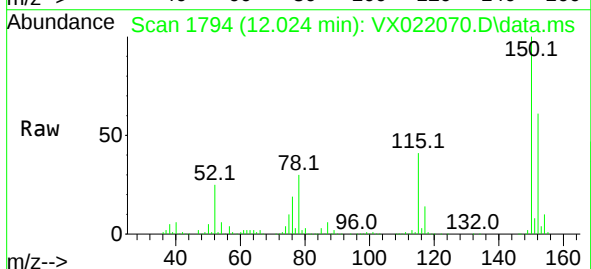
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBL03

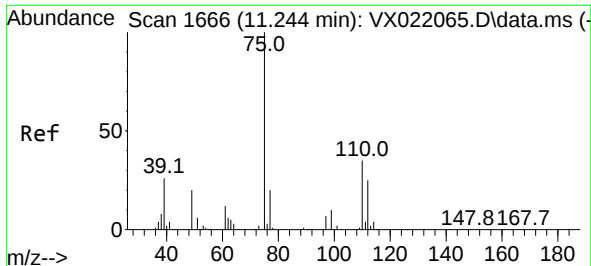
Tgt Ion:117 Resp: 171741
Ion Ratio Lower Upper
117 100
82 59.8 47.6 71.4
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Tgt Ion:152 Resp: 77242
Ion Ratio Lower Upper
152 100
115 64.8 46.4 139.2
150 158.2 0.0 349.8

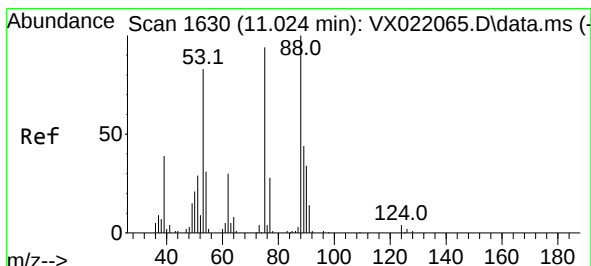
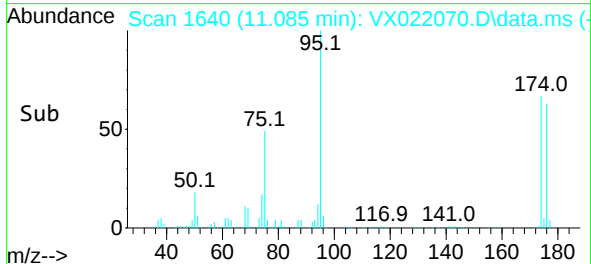
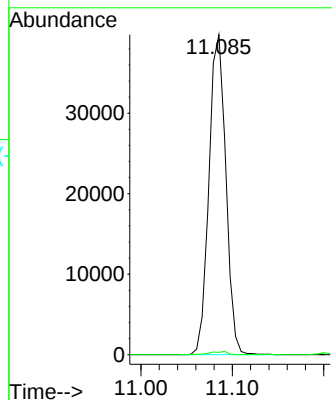
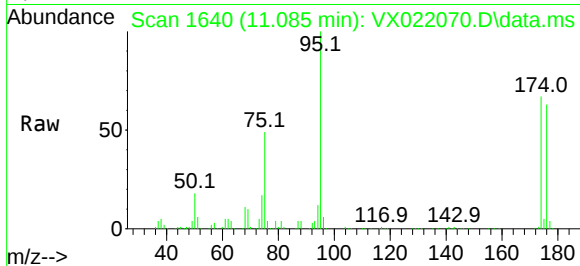




#76
1,2,3-Trichloropropane
Concen: 25.76 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

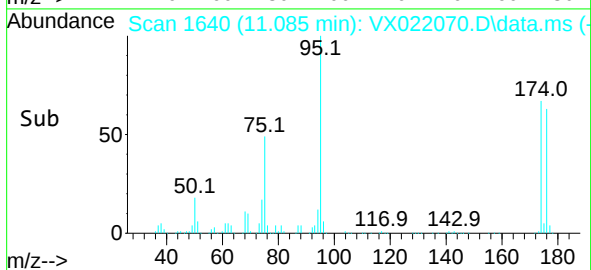
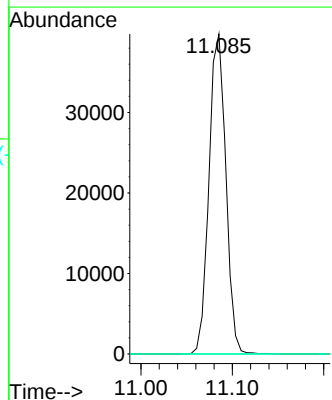
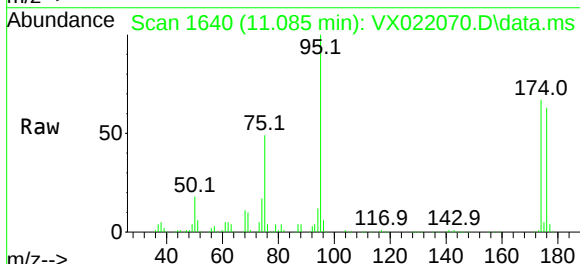
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBL03

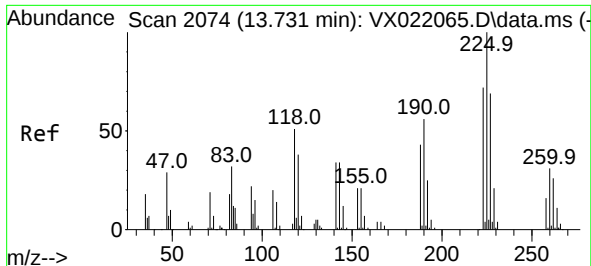
Tgt Ion: 75 Resp: 50884
Ion Ratio Lower Upper
75 100
77 1.0 20.8 62.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.62 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Tgt Ion: 75 Resp: 50884
Ion Ratio Lower Upper
75 100
53 0.0 73.0 109.4#
89 0.0 36.5 54.7#

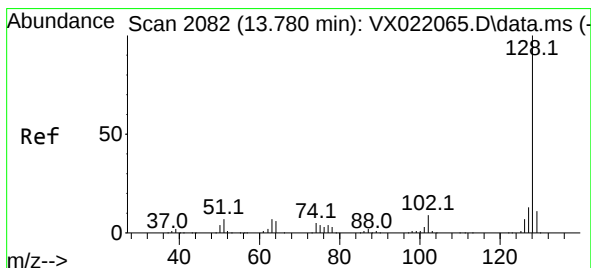
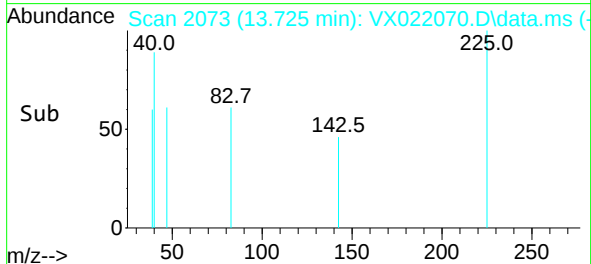
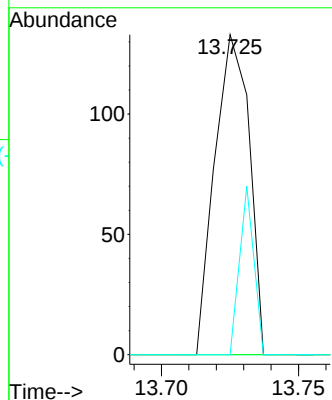
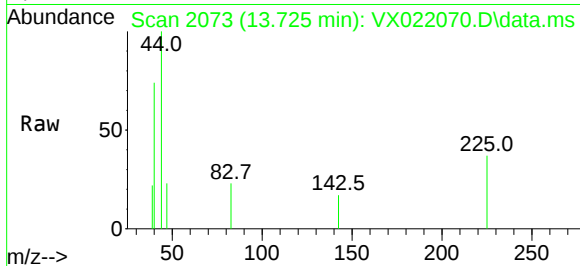




#94
Hexachlorobutadiene
Concen: 0.20 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

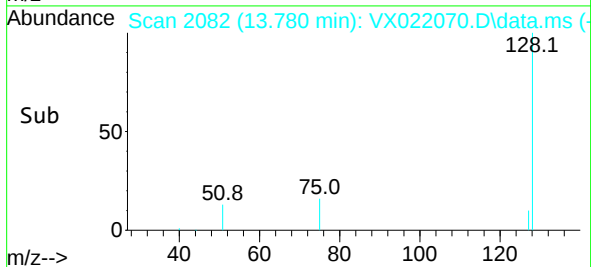
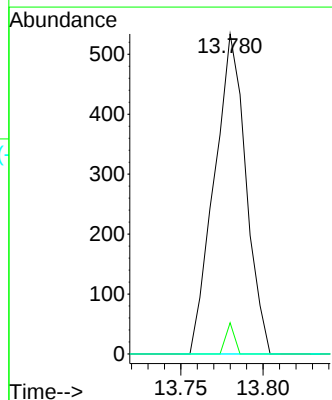
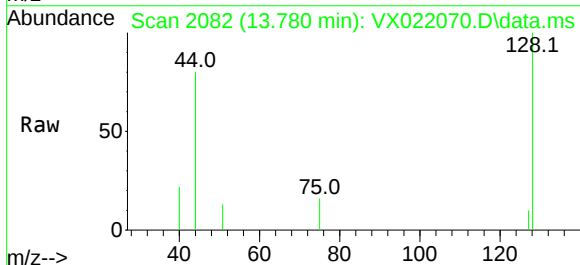
Instrument :
MSVOA_X
ClientSampleId :
VX0518WBL03

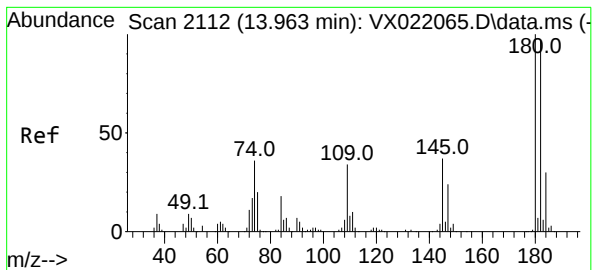
Tgt Ion:225 Resp: 116
Ion Ratio Lower Upper
225 100
223 0.0 33.3 99.8#
227 22.4 32.3 96.8#



#95
Naphthalene
Concen: 1.66 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022070.D
Acq: 18 May 2021 23:16

Tgt Ion:128 Resp: 713
Ion Ratio Lower Upper
128 100
127 2.7 10.2 15.2#
129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.26 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX022070.D
 Acq: 18 May 2021 23:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBL03

Tgt Ion:180 Resp: 254
 Ion Ratio Lower Upper
 180 100
 182 75.2 47.9 143.7
 145 0.0 18.3 54.8#

