

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021956.D
 Acq On : 13 May 2021 10:38
 Operator : JC/MD
 Sample : VX0513WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBL02

Quant Time: May 14 03:45:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 Response via : Initial Calibration

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

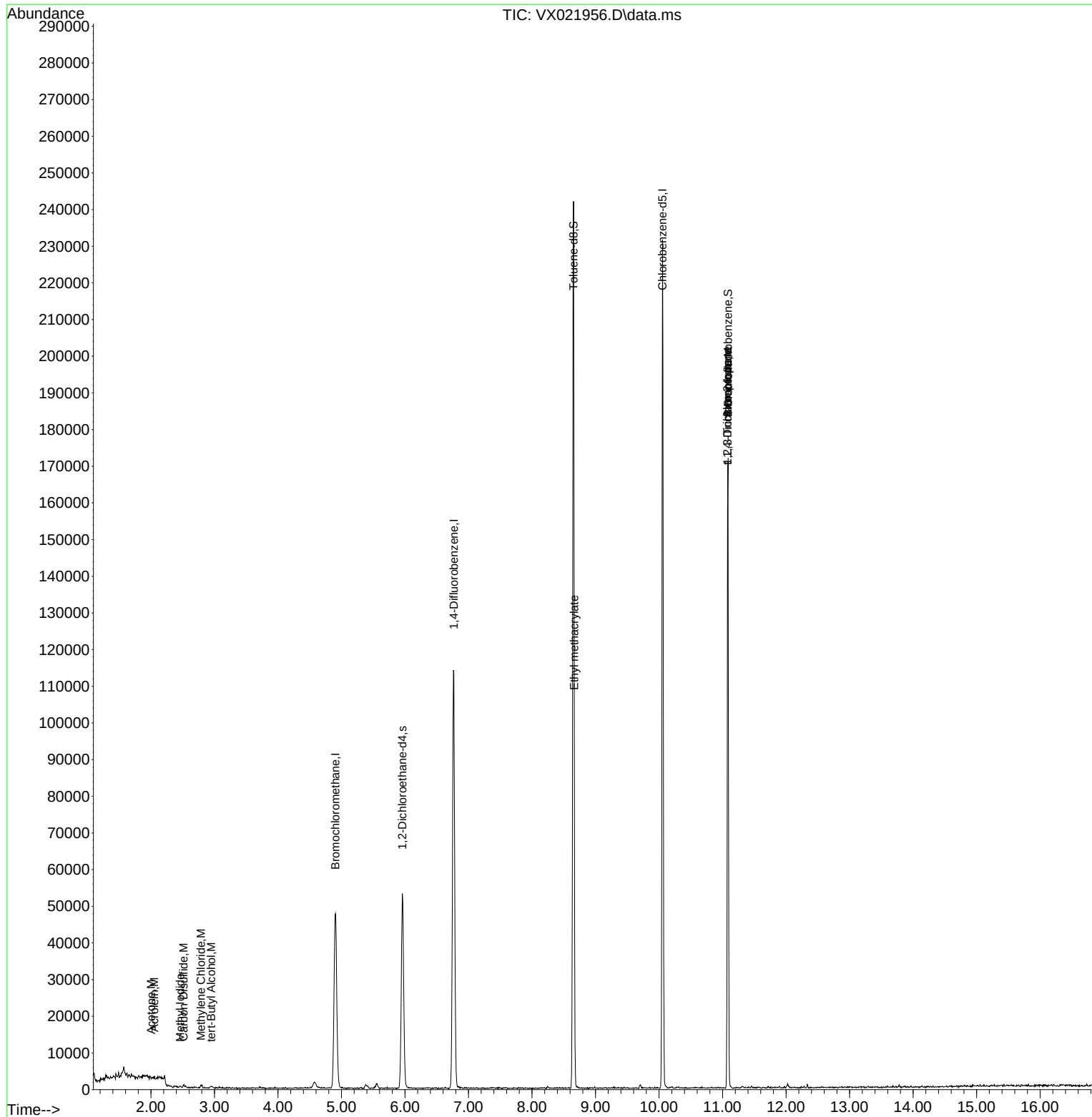
Internal Standards						
1) Bromochloromethane	4.903	128	19827	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	116816	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	99008	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	47449	31.07	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.57%
60) 4-Bromofluorobenzene	11.085	95	49119	29.89	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.63%
63) Toluene-d8	8.653	98	139850	30.91	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.03%
Target Compounds						
					Qvalue	
11) Methyl Iodide	2.459	142	286	0.24	ug/l #	83
13) Acrolein	2.050	56	156	0.62	ug/l	96
15) Acetone	2.001	58	54	0.27	ug/l #	1
16) Carbon Disulfide	2.513	76	655	0.20	ug/l #	81
18) Methylene Chloride	2.788	84	370	0.26	ug/l #	80
23) tert-Butyl Alcohol	2.946	59	224	0.69	ug/l #	100
51) Ethyl methacrylate	8.665	69	540	0.24	ug/l	74
56) Bromoform	11.085	173	304	0.35	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	24669	13.96	ug/l	64
77) t-1,4-Dichloro-2-butene	11.079	75	24669	34.44	ug/l #	17

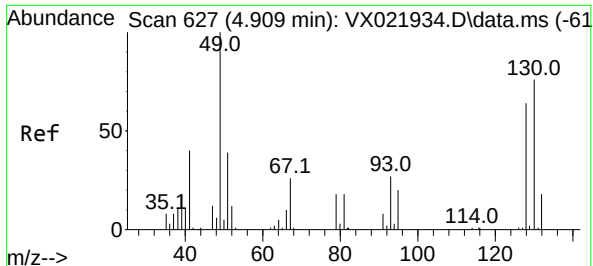
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
Data File : VX021956.D
Acq On : 13 May 2021 10:38
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL02

Quant Time: May 14 03:45:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 13 06:11:35 2021
Response via : Initial Calibration

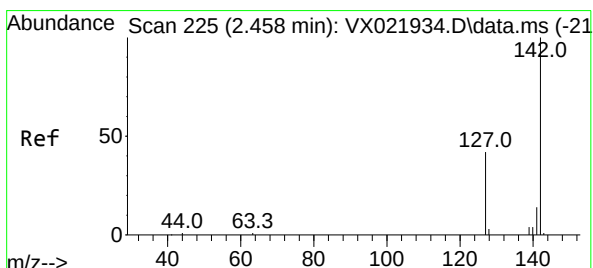
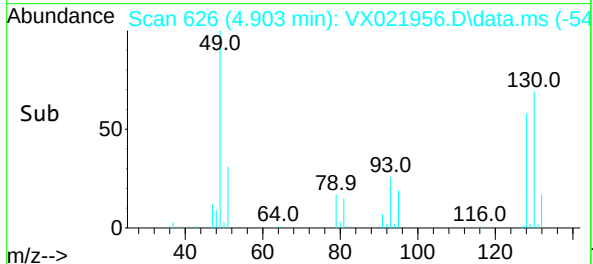
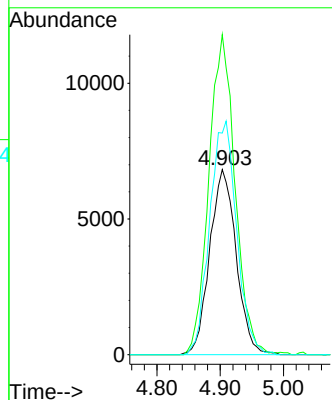
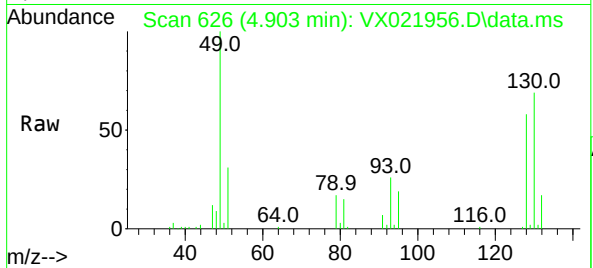




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

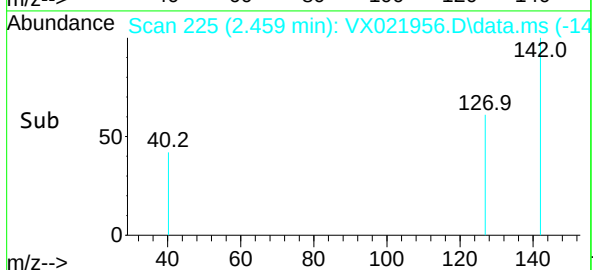
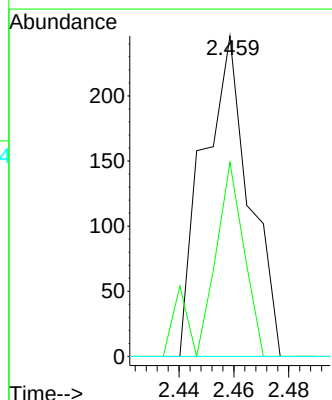
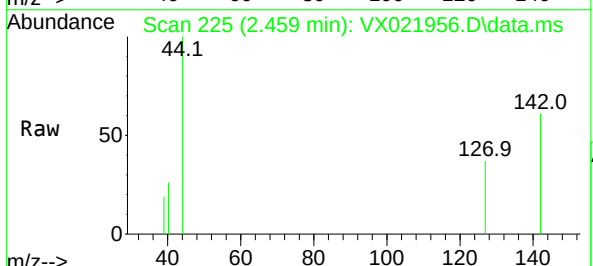
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL02

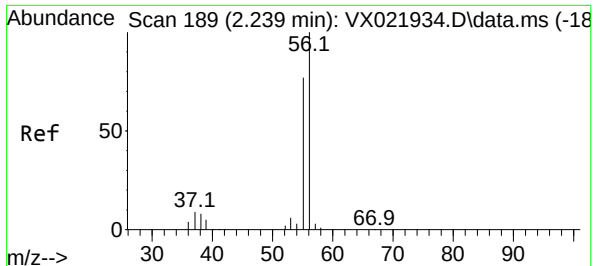
Tgt Ion:128 Resp: 19827
Ion Ratio Lower Upper
128 100
49 170.4 0.0 442.5
130 128.3 0.0 323.3



#11
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

Tgt Ion:142 Resp: 286
Ion Ratio Lower Upper
142 100
127 49.6 21.3 63.7
141 0.0 7.2 21.6#

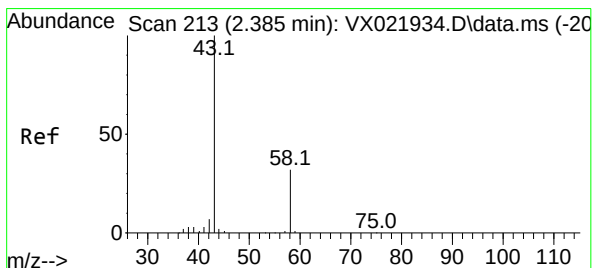
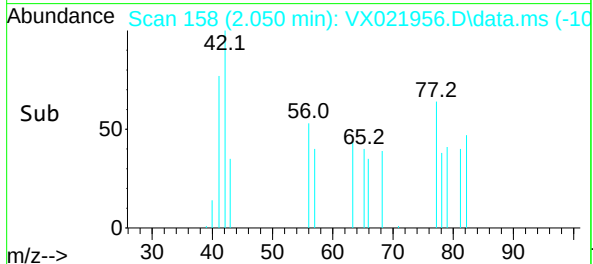
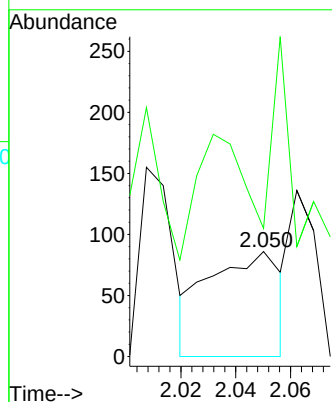
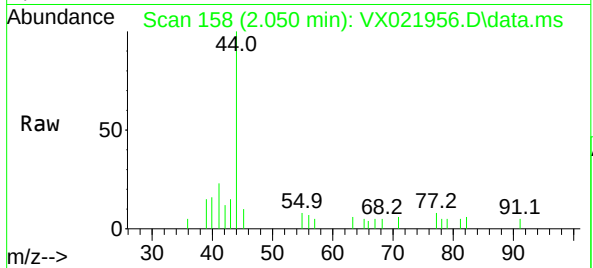




#13
Acrolein
Concen: 0.62 ug/l
RT: 2.050 min Scan# 158
Delta R.T. -0.189 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

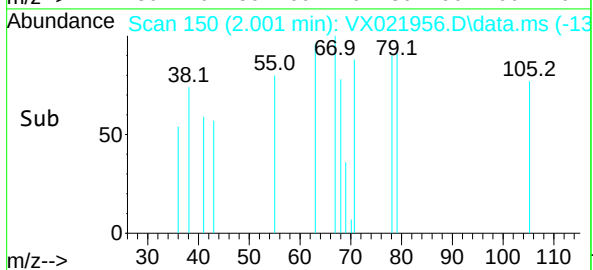
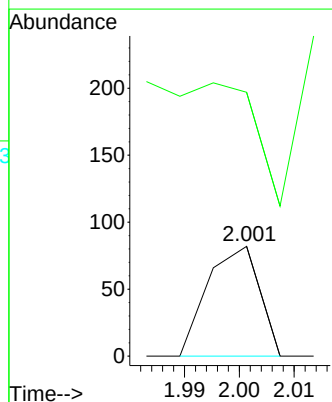
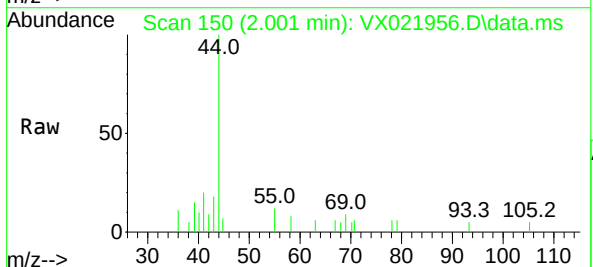
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL02

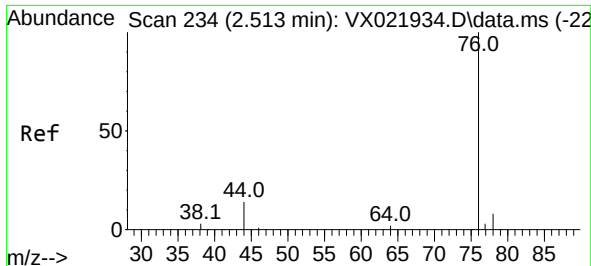
Tgt Ion: 56 Resp: 156
Ion Ratio Lower Upper
56 100
55 68.6 57.6 86.4



#15
Acetone
Concen: 0.27 ug/l
RT: 2.001 min Scan# 150
Delta R.T. -0.384 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

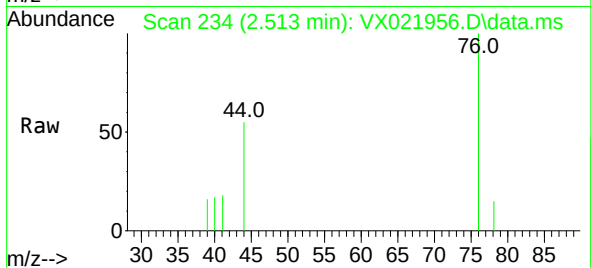
Tgt Ion: 58 Resp: 54
Ion Ratio Lower Upper
58 100
43 103.7 249.5 374.3#



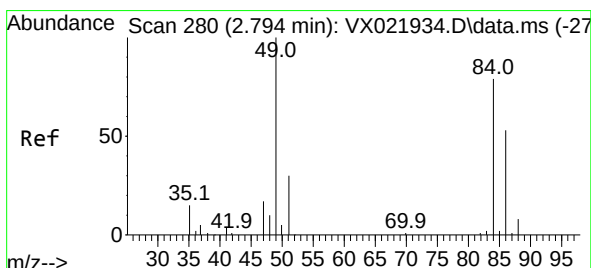
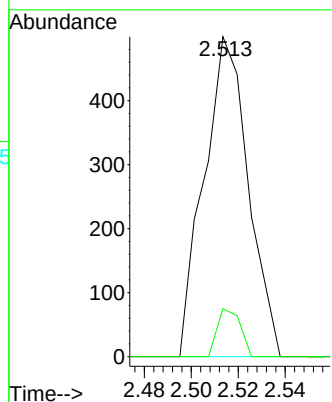
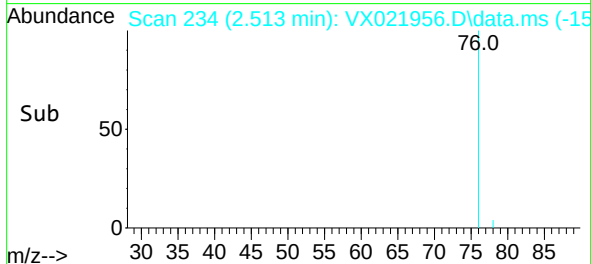


#16
Carbon Disulfide
Concen: 0.20 ug/l
RT: 2.513 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

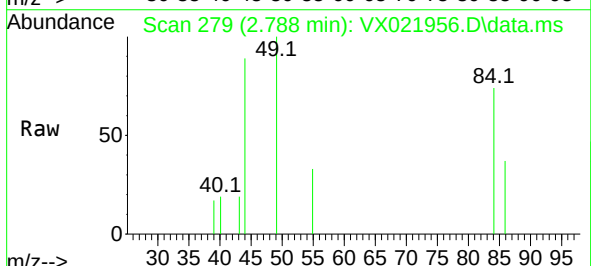
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL02



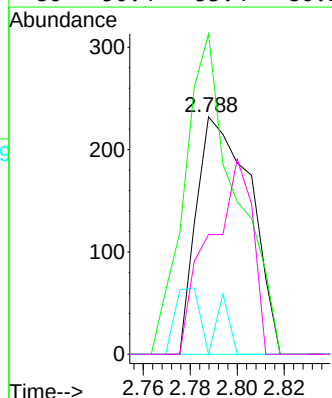
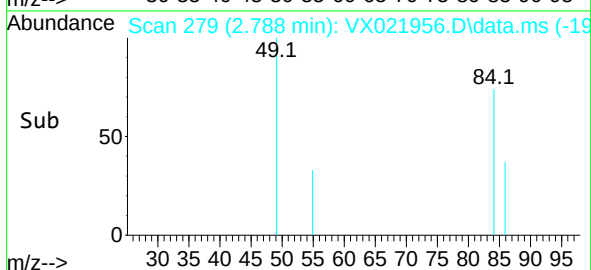
Tgt Ion: 76 Resp: 655
Ion Ratio Lower Upper
76 100
78 15.0 6.7 10.1#

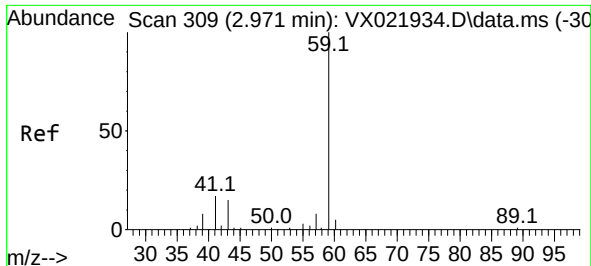


#18
Methylene Chloride
Concen: 0.26 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38



Tgt Ion: 84 Resp: 370
Ion Ratio Lower Upper
84 100
49 134.9 101.6 152.4
51 0.0 30.5 45.7#
86 50.4 53.4 80.2#

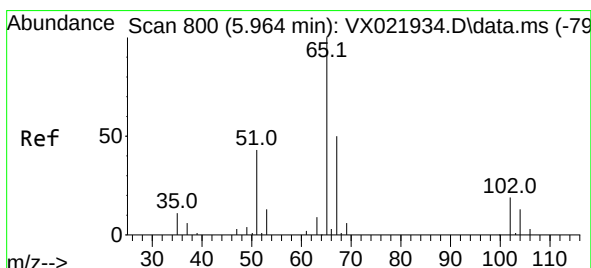
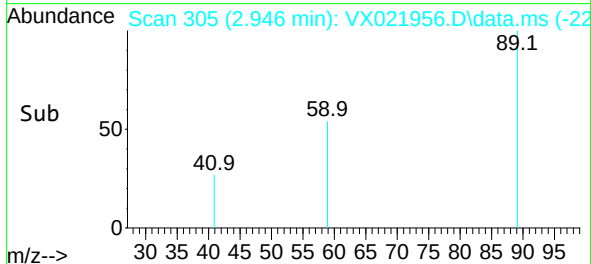
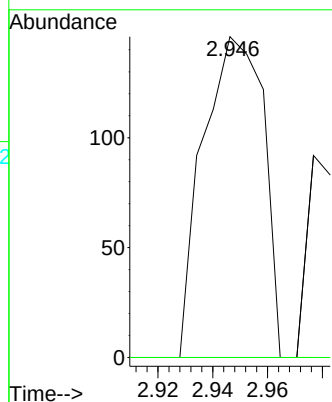
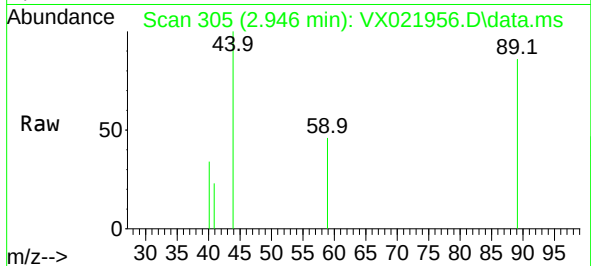




#23
tert-Butyl Alcohol
Concen: 0.69 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

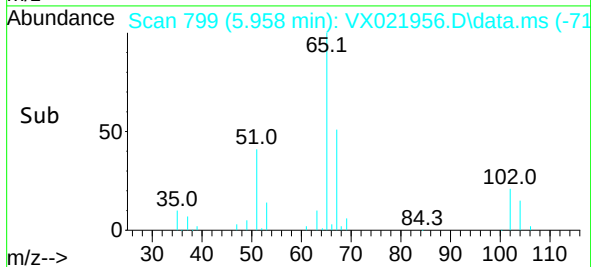
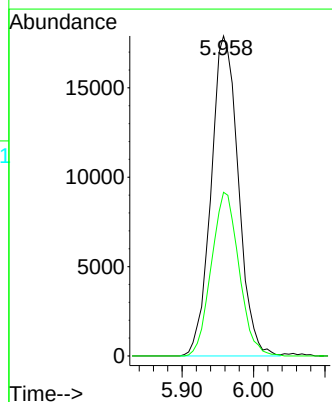
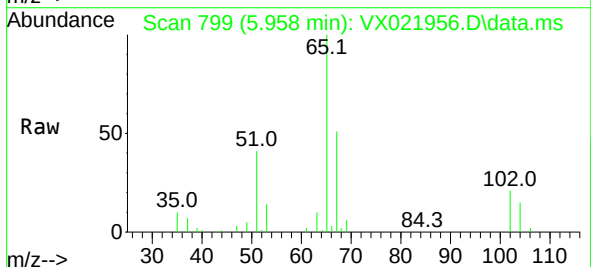
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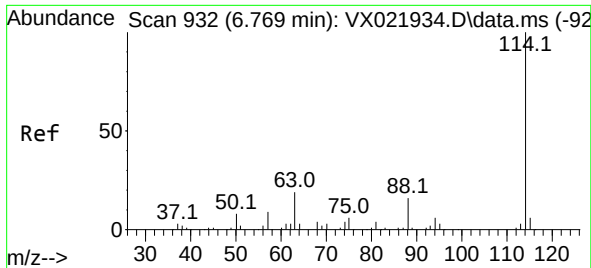
Tgt Ion: 59 Resp: 224
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 31.07 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

Tgt Ion: 65 Resp: 47449
Ion Ratio Lower Upper
65 100
67 51.8 41.5 62.3

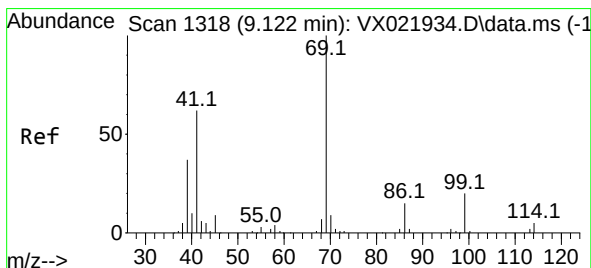
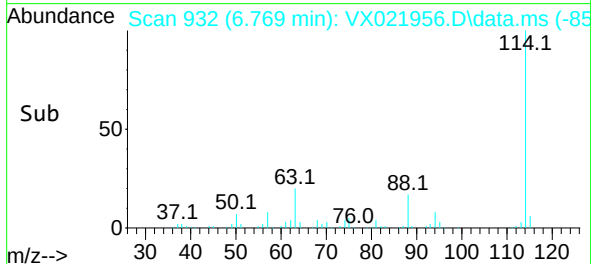
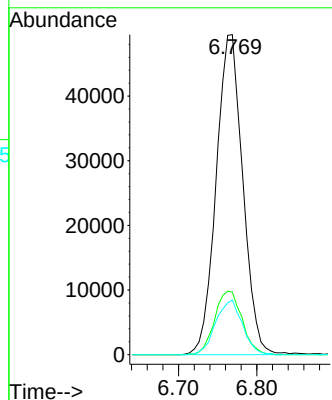
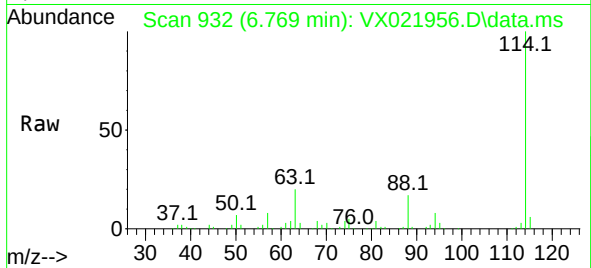




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

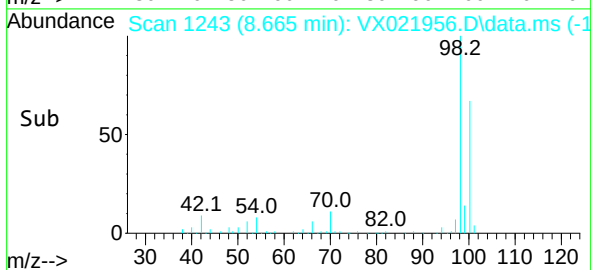
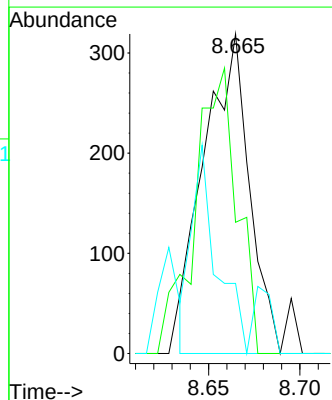
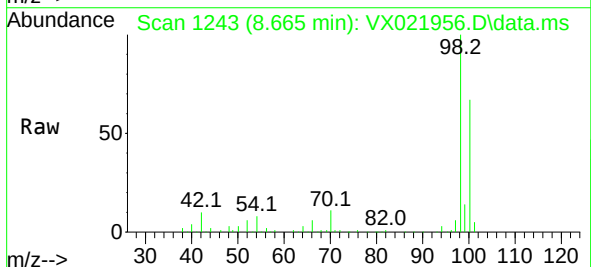
Instrument :
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ClientSampleId :
VX0513WBL02

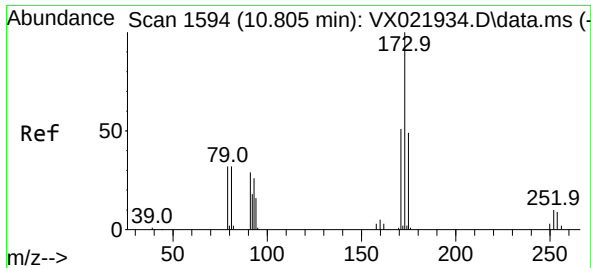
Tgt Ion:114 Resp: 116816
Ion Ratio Lower Upper
114 100
63 20.4 16.6 25.0
88 17.2 13.1 19.7



#51
Ethyl methacrylate
Concen: 0.24 ug/l
RT: 8.665 min Scan# 1243
Delta R.T. -0.457 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

Tgt Ion: 69 Resp: 540
Ion Ratio Lower Upper
69 100
41 41.1 31.1 93.5
39 21.9 18.3 54.9

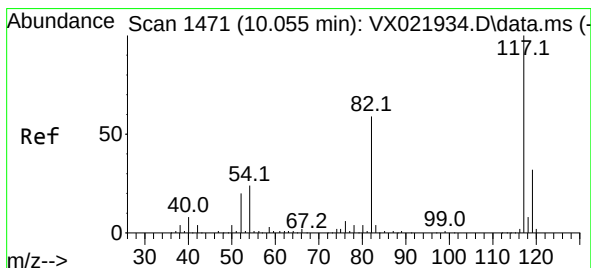
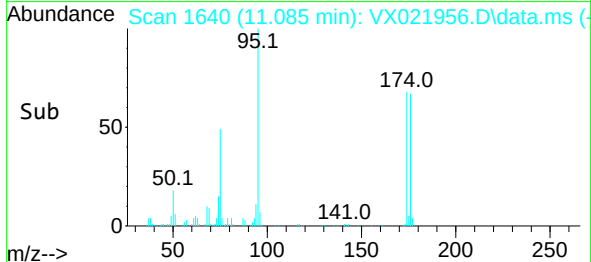
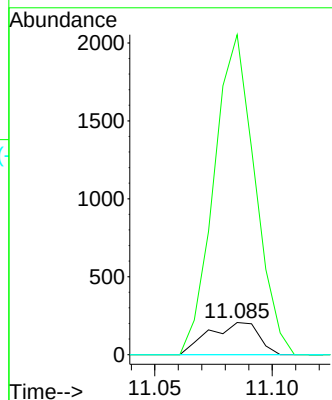
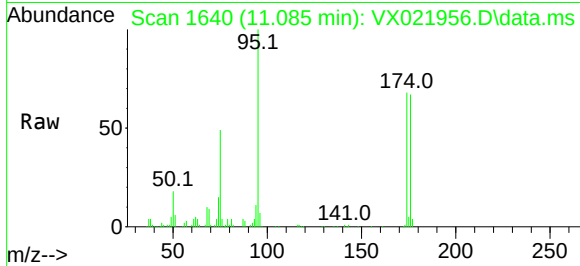




#56
Bromoform
Concen: 0.35 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.281 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

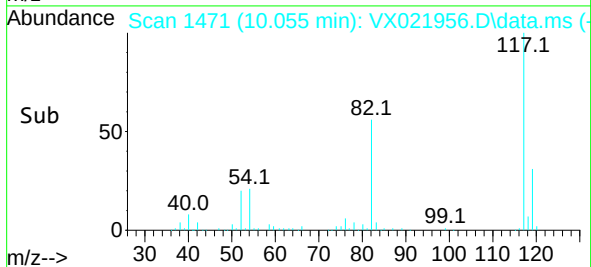
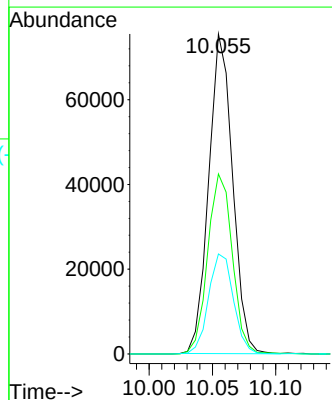
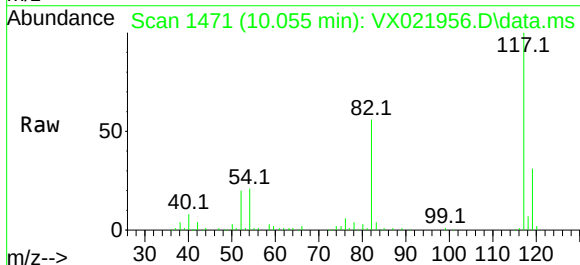
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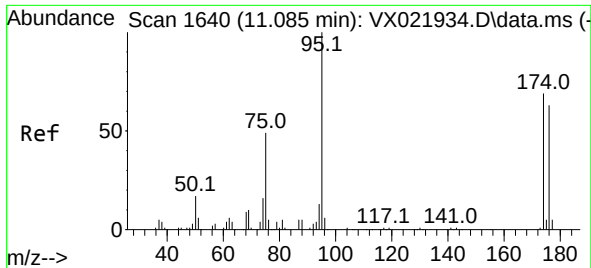
Tgt Ion:173 Resp: 304
Ion Ratio Lower Upper
173 100
175 818.1 39.4 59.2#
254 0.0 8.0 12.0#



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

Tgt Ion:117 Resp: 99008
Ion Ratio Lower Upper
117 100
82 58.0 44.9 67.3
119 32.8 25.0 37.6

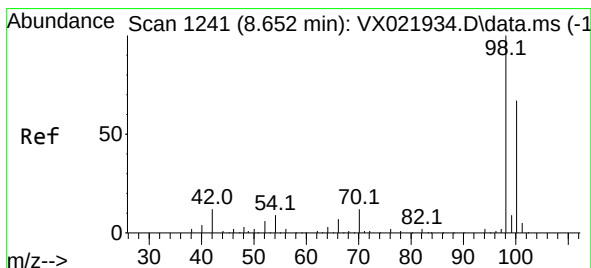
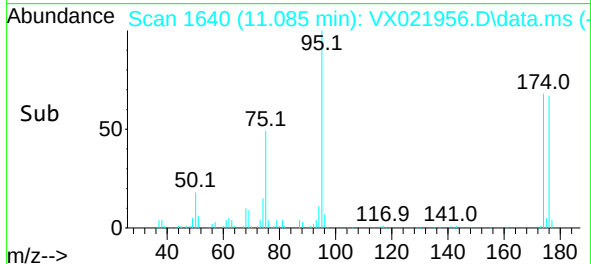
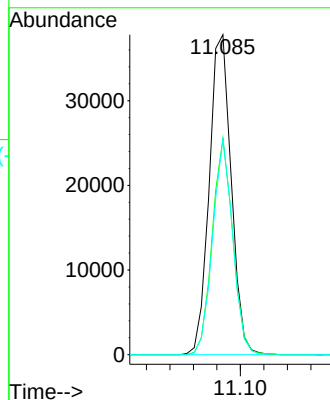
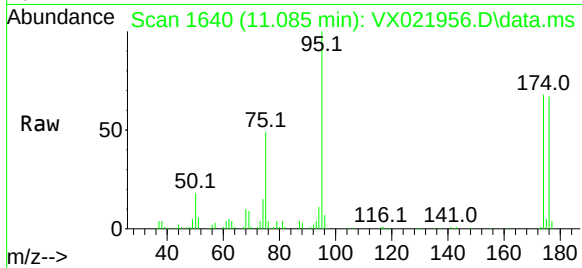




#60
4-Bromofluorobenzene
Concen: 29.89 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

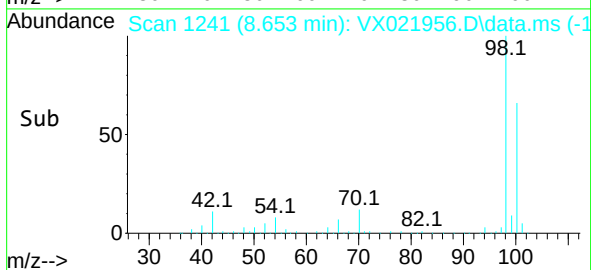
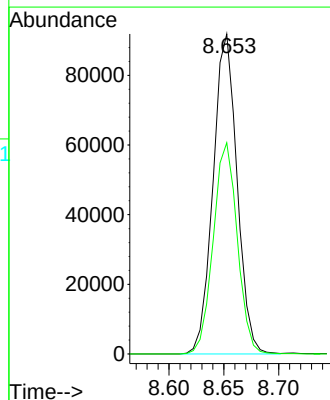
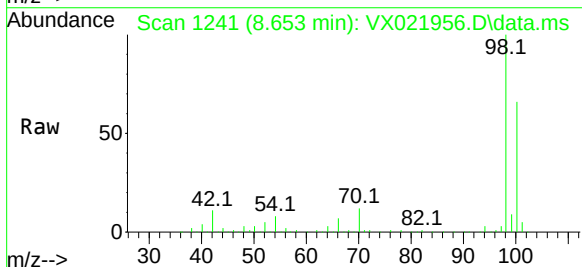
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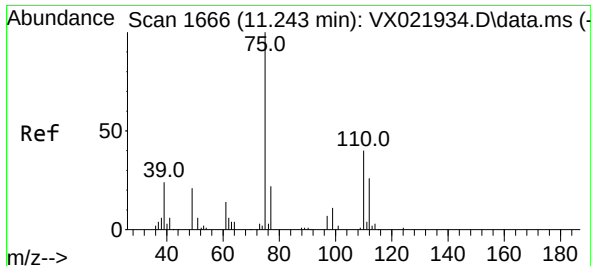
Tgt Ion: 95 Resp: 49119
Ion Ratio Lower Upper
95 100
174 63.2 52.2 78.2
176 61.5 49.3 73.9



#63
Toluene-d8
Concen: 30.91 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

Tgt Ion: 98 Resp: 139850
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8

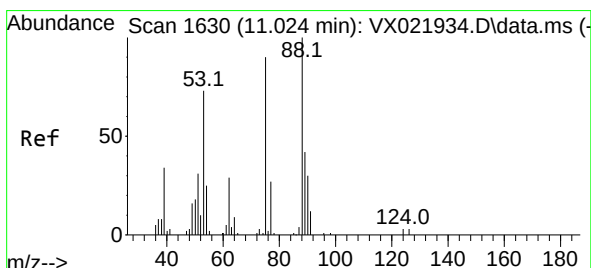
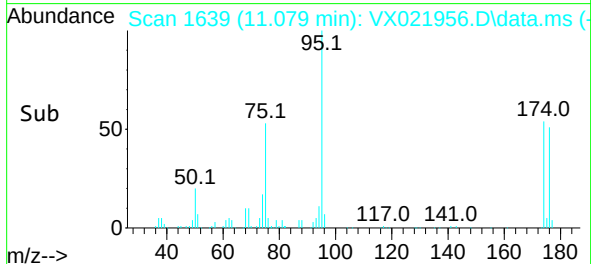
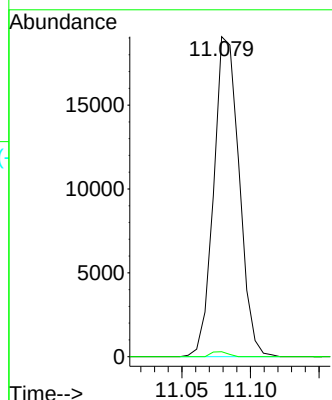
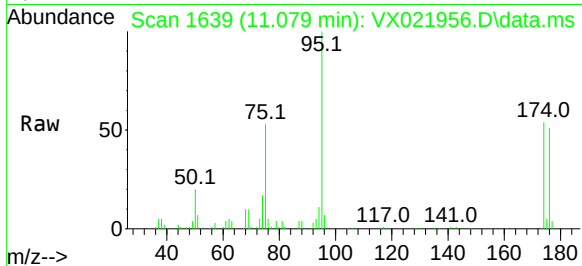




#72
1,2,3-Trichloropropane
Concen: 13.96 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL02

Tgt Ion: 75 Resp: 24669
Ion Ratio Lower Upper
75 100
77 1.1 0.0 33.0



#77
t-1,4-Dichloro-2-butene
Concen: 34.44 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX021956.D
Acq: 13 May 2021 10:38

Tgt Ion: 75 Resp: 24669
Ion Ratio Lower Upper
75 100
53 0.0 40.2 120.6#
89 0.0 23.4 70.0#

