

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
 Data File : VX020413.D
 Acq On : 28 Dec 2020 15:24
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 29 00:40:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

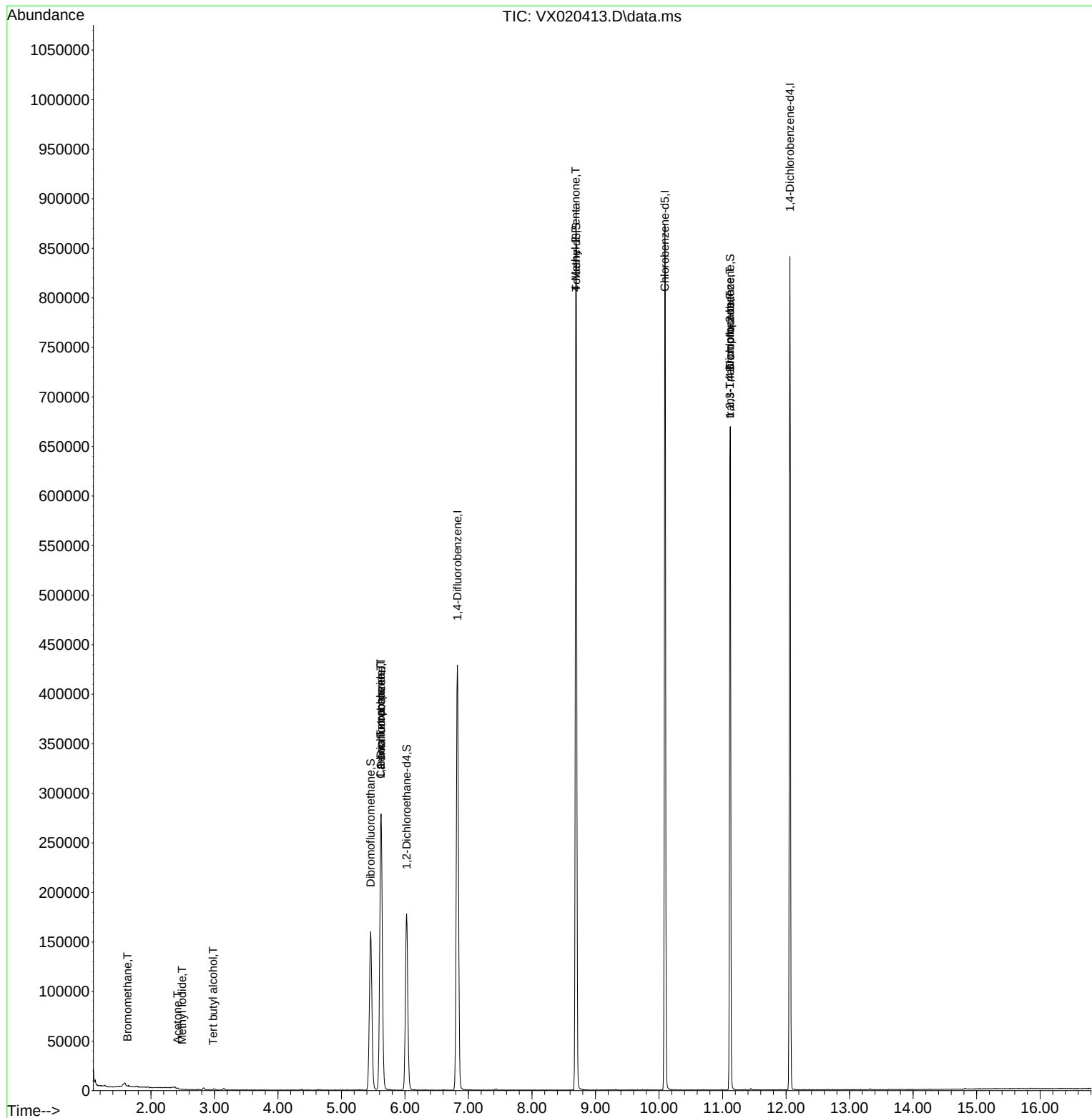
Internal Standards						
1) Pentafluorobenzene	5.623	168	274401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	447605	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	418138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	176670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	167318	45.49	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.98%
35) Dibromofluoromethane	5.458	113	139518	48.73	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.46%
50) Toluene-d8	8.695	98	540795	49.07	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.14%
62) 4-Bromofluorobenzene	11.122	95	191412	45.38	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.76%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	552	0.46	ug/l #	71
10) Methyl Iodide	2.489	142	239	3.35	ug/l #	42
11) Tert butyl alcohol	2.977	59	761	0.92	ug/l #	73
16) Acetone	2.416	43	1046	0.62	ug/l	89
36) 1,1-Dichloropropene	5.617	75	20018	4.53	ug/l #	49
38) Carbon Tetrachloride	5.617	117	26312	6.25	ug/l #	17
51) 4-Methyl-2-Pentanone	8.689	43	1962	0.44	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	90684	20.84	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	90684	61.82	ug/l #	12

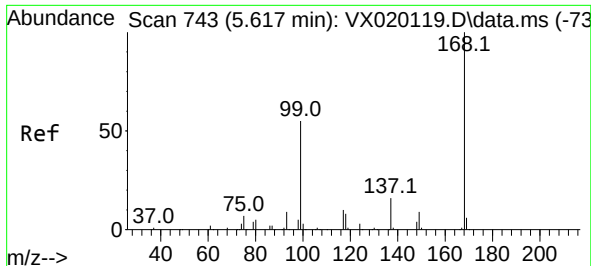
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

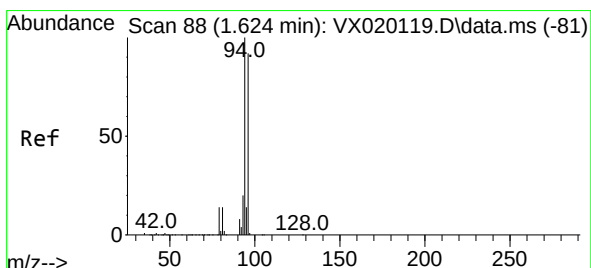
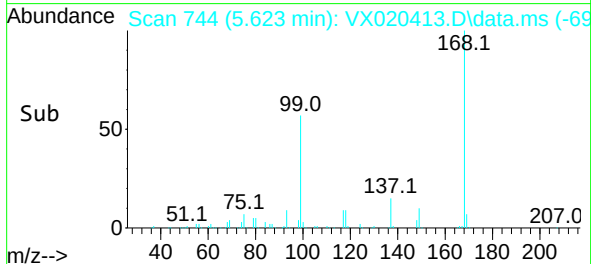
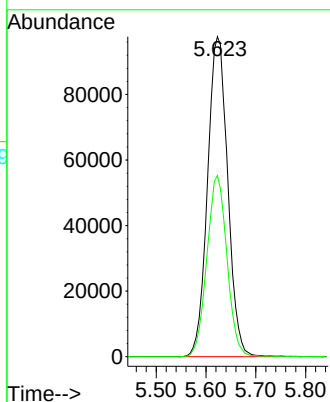
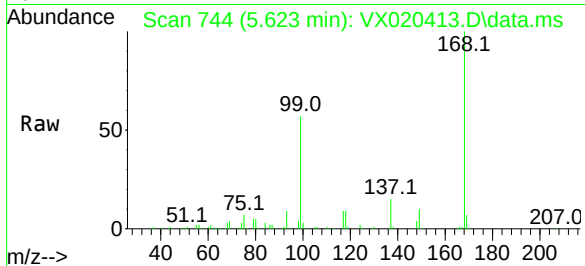




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

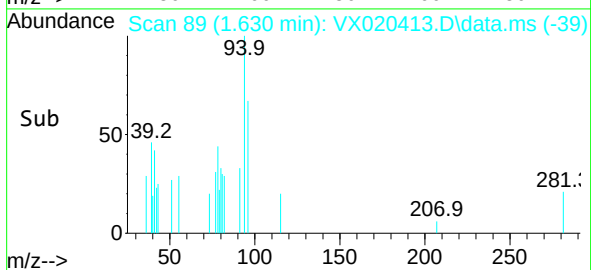
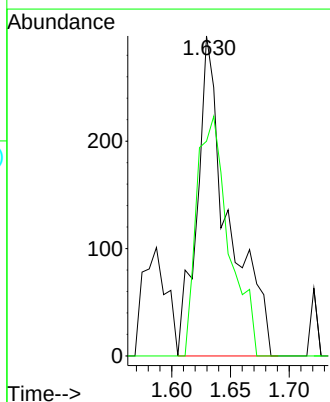
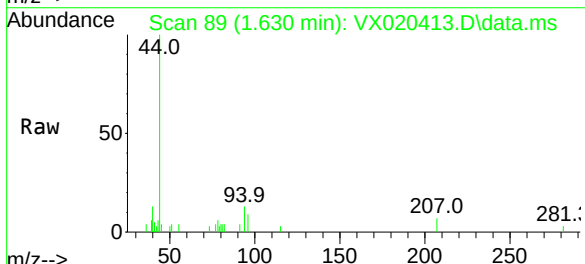
Instrument :
MSVOA_X
ClientSampleId :

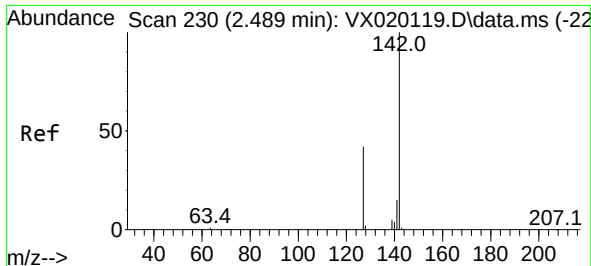
Tgt Ion:168 Resp: 274401
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6



#5
Bromomethane
Concen: 0.46 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

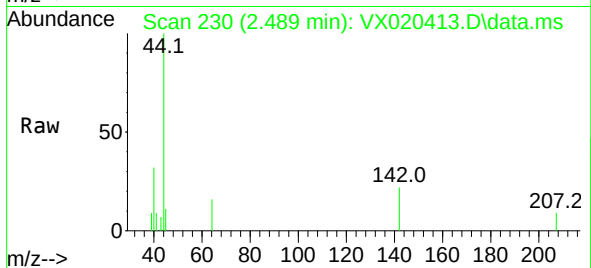
Tgt Ion: 94 Resp: 552
Ion Ratio Lower Upper
94 100
96 67.1 76.4 114.6#



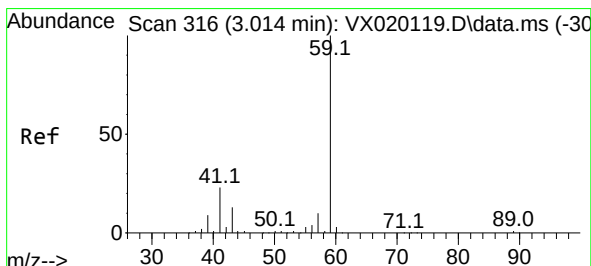
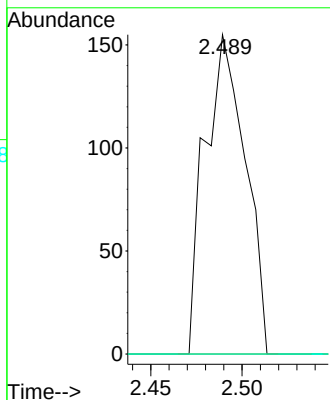
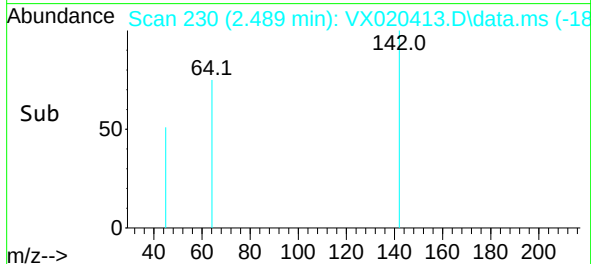


#10
Methyl Iodide
Concen: 3.35 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

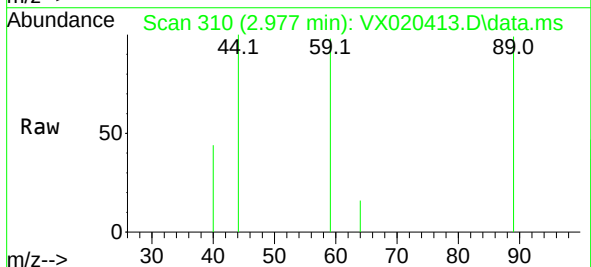
Instrument :
MSVOA_X
ClientSampled :



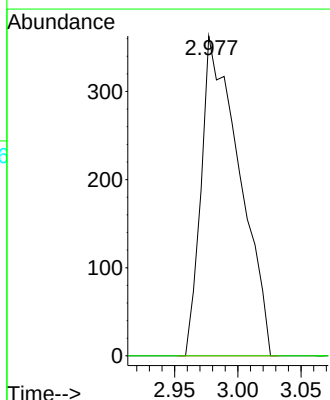
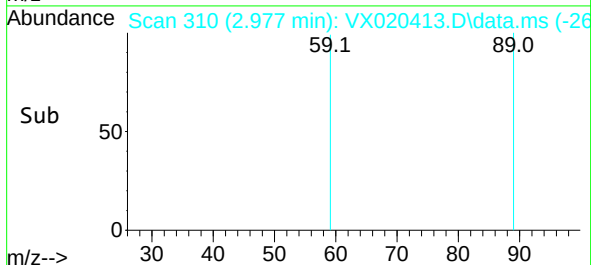
Tgt Ion:142 Resp: 239
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

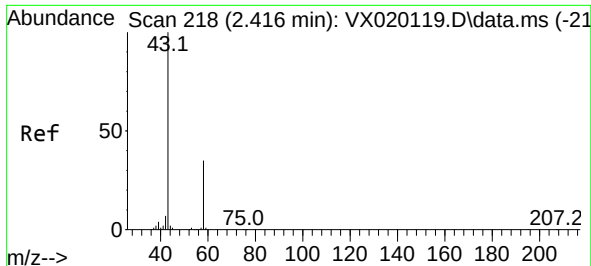


#11
Tert butyl alcohol
Concen: 0.92 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.037 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24



Tgt Ion: 59 Resp: 761
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

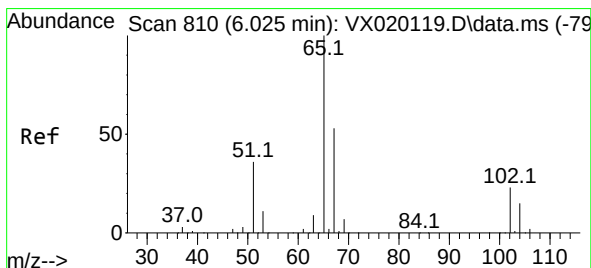
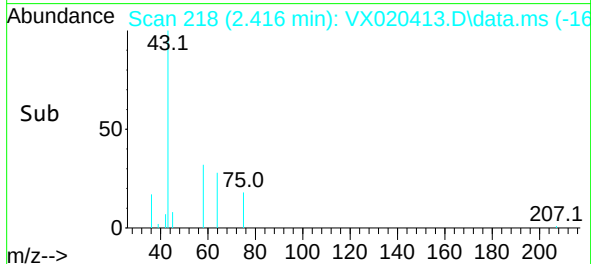
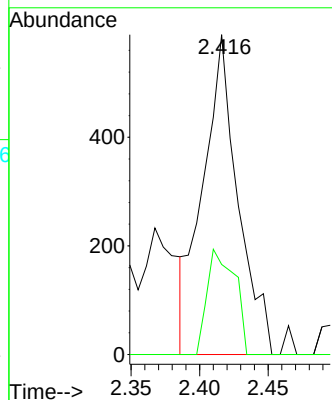
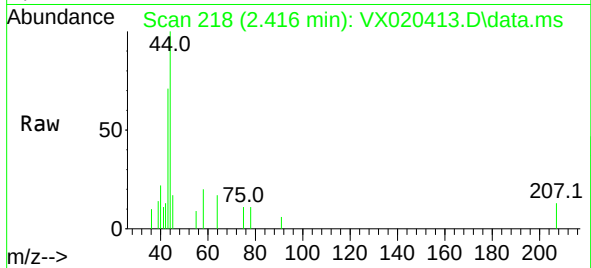




#16
Acetone
Concen: 0.62 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

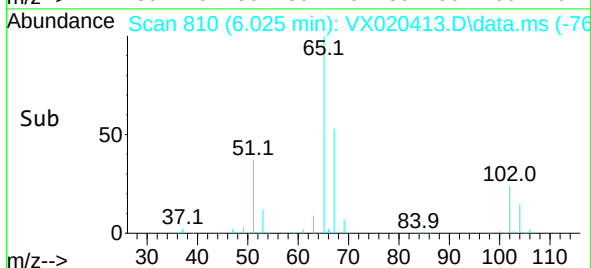
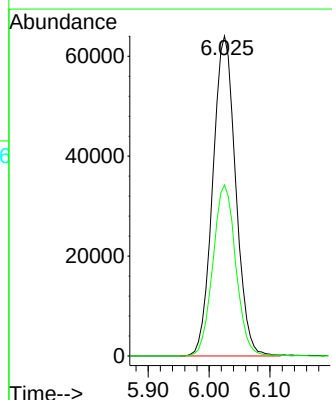
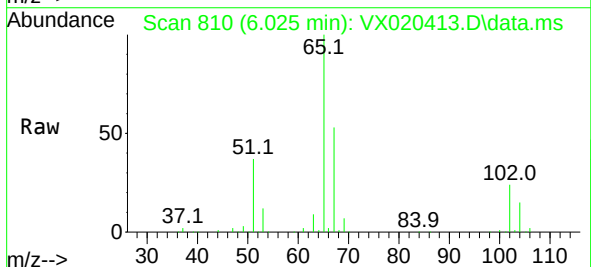
Instrument :
MSVOA_X
ClientSampled :

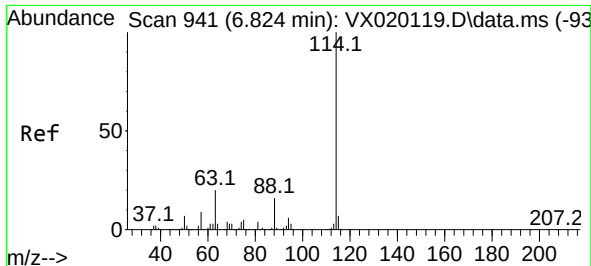
Tgt Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
58 28.2 27.8 41.8



#33
1,2-Dichloroethane-d4
Concen: 45.49 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

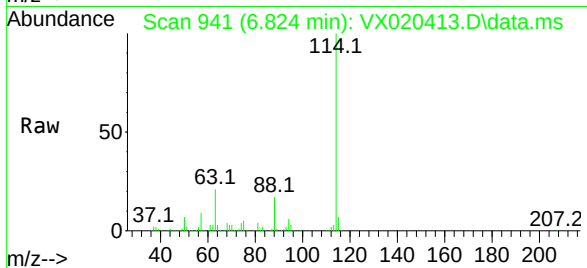
Tgt Ion: 65 Resp: 167318
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4



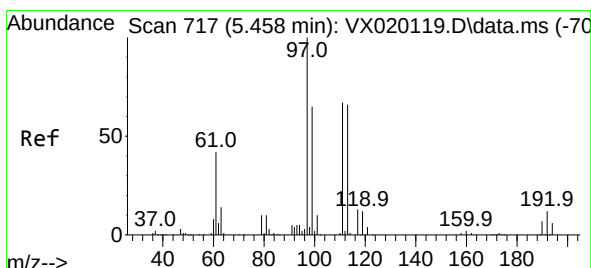
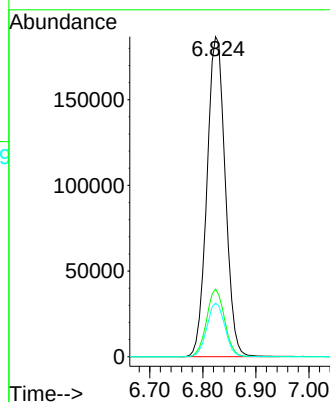
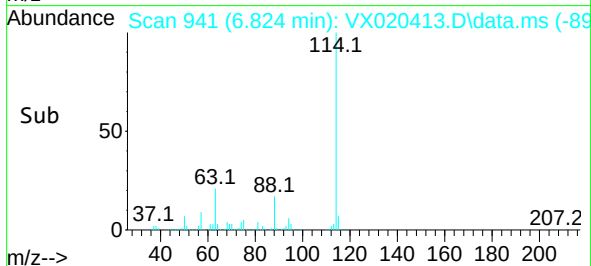


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.000 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

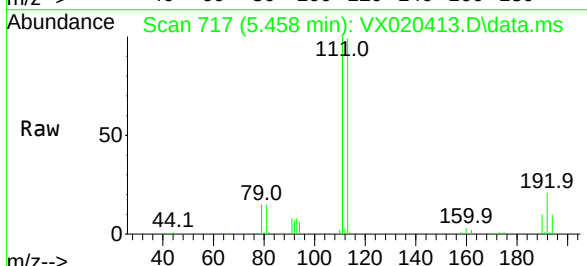
Instrument :
MSVOA_X
ClientSampleId :



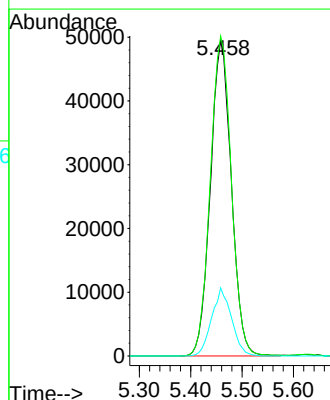
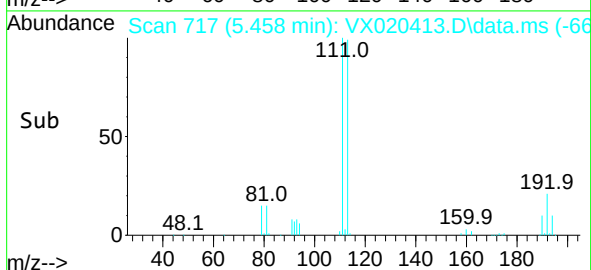
Tgt Ion:114 Resp: 447605
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.7 0.0 32.8

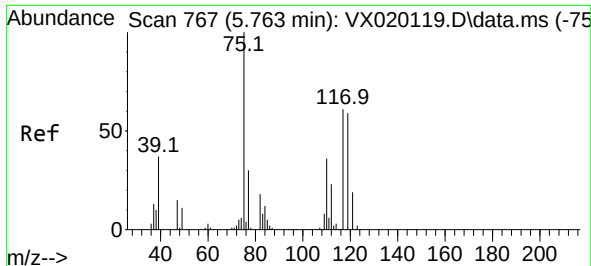


#35
Dibromofluoromethane
Concen: 48.73 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24



Tgt Ion:113 Resp: 139518
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.5 16.7 25.1

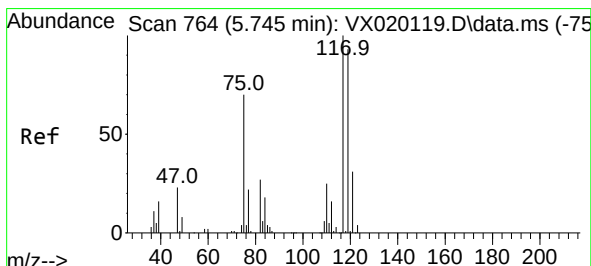
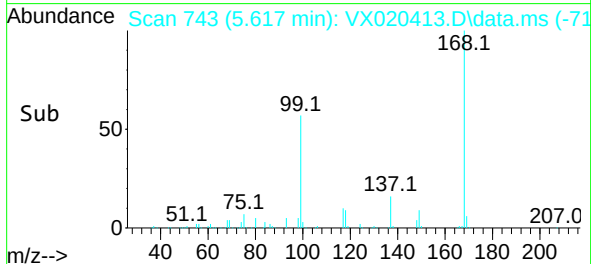
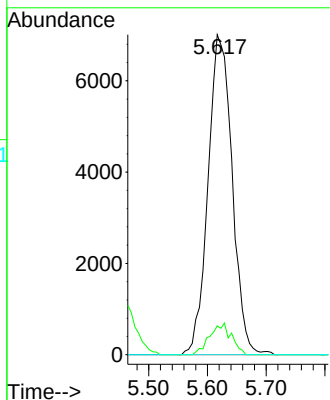
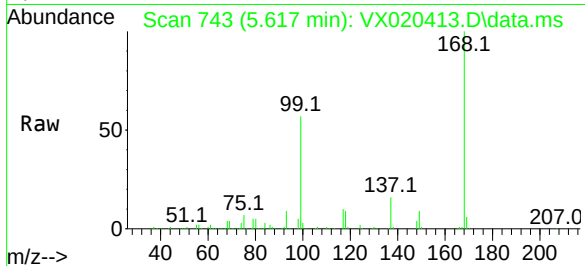




#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.146 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

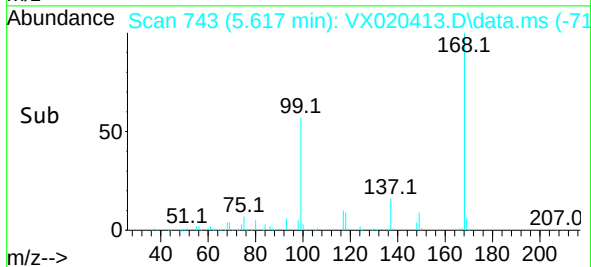
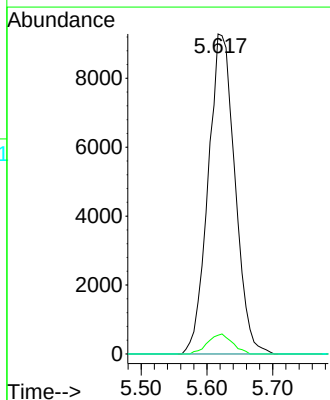
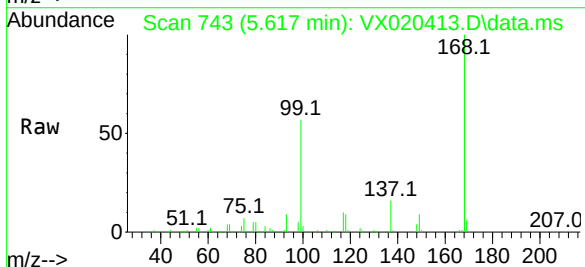
Instrument :
MSVOA_X
ClientSampled :

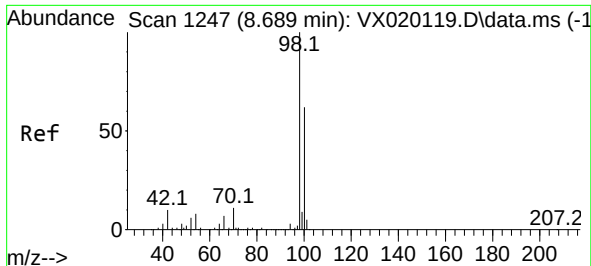
Tgt Ion: 75	Resp: 20018
Ion Ratio	Lower Upper
75 100	
110 8.9	18.1 54.4#
77 0.0	25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.128 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

Tgt Ion: 117	Resp: 26312
Ion Ratio	Lower Upper
117 100	
119 5.9	76.2 114.2#
121 0.0	24.8 37.2#

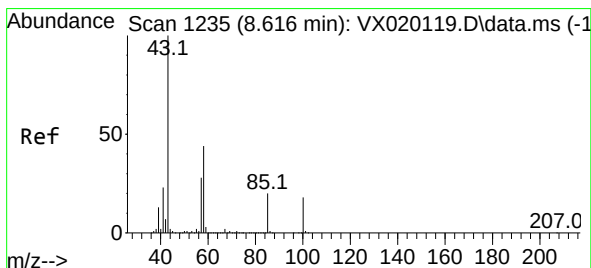
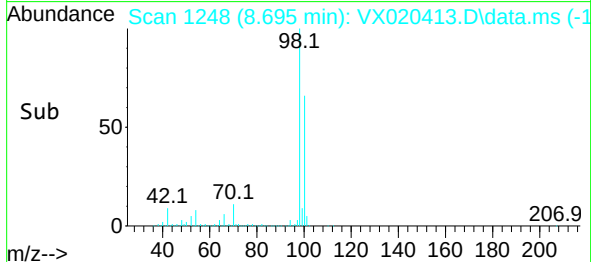
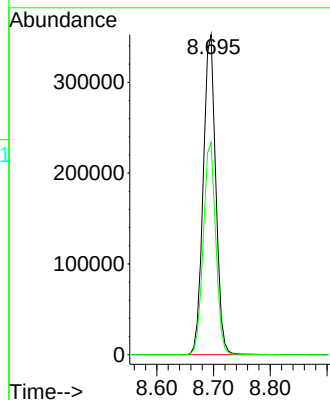
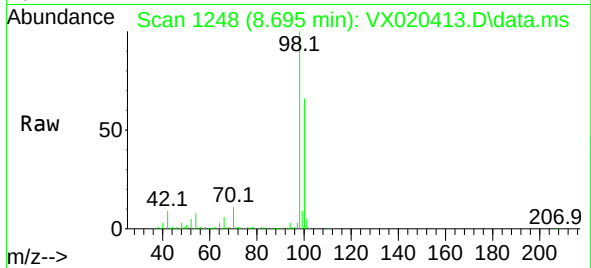




#50
Toluene-d8
Concen: 49.07 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

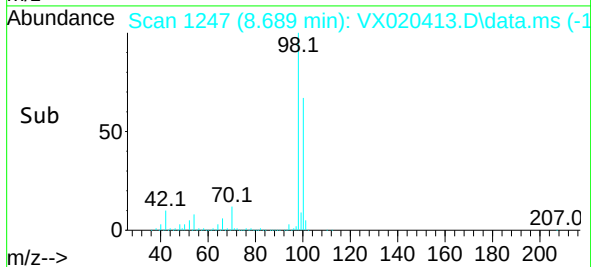
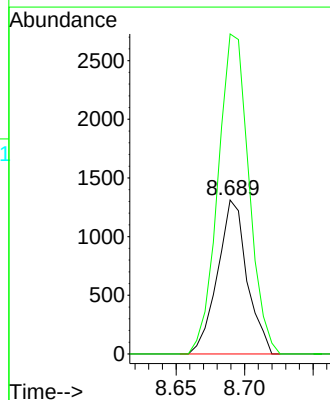
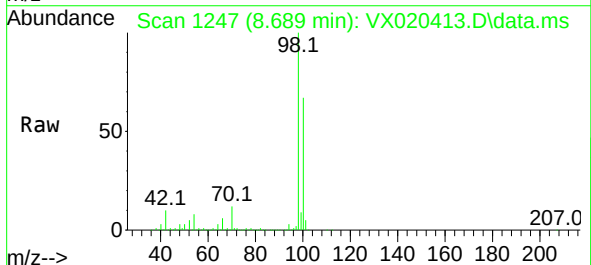
Instrument :
MSVOA_X
ClientSampled :

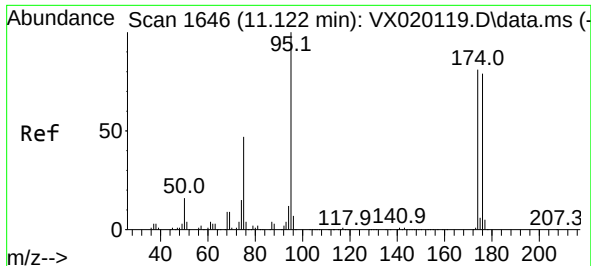
Tgt Ion: 98 Resp: 540795
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.073 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

Tgt Ion: 43 Resp: 1962
Ion Ratio Lower Upper
43 100
58 218.6 35.4 53.0#

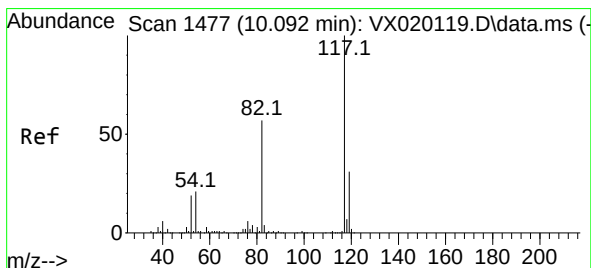
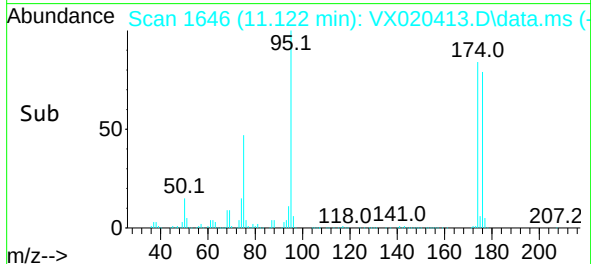
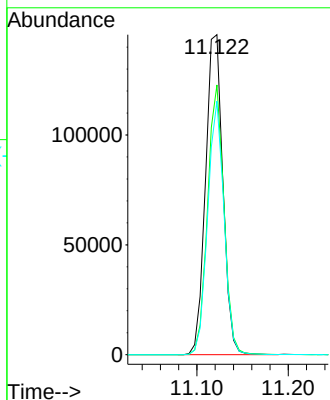
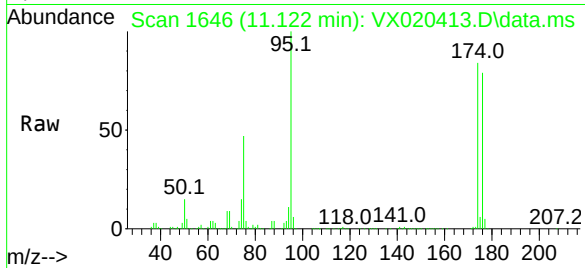




#62
4-Bromofluorobenzene
Concen: 45.38 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

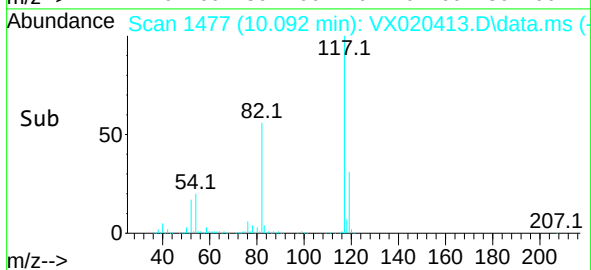
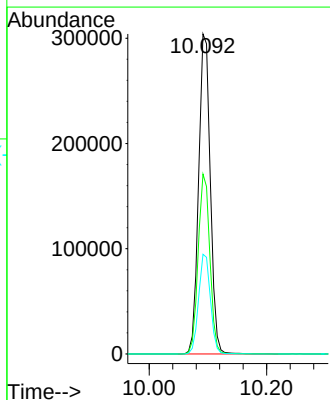
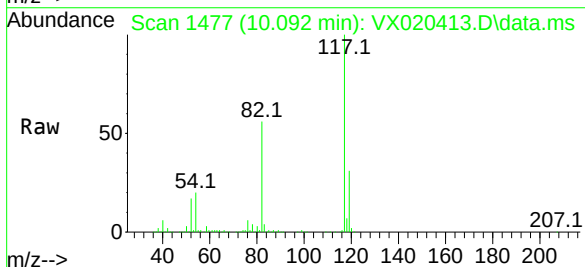
Instrument :
MSVOA_X
ClientSampleId :

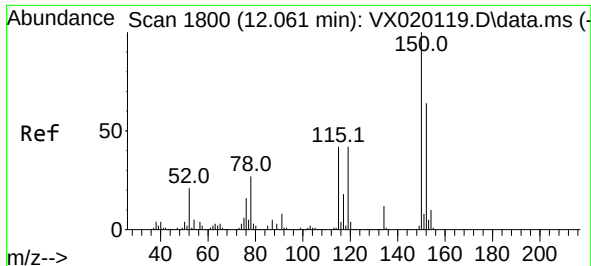
Tgt Ion: 95 Resp: 191412
Ion Ratio Lower Upper
95 100
174 79.7 0.0 154.6
176 74.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

Tgt Ion: 117 Resp: 418138
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 31.2 26.6 39.8

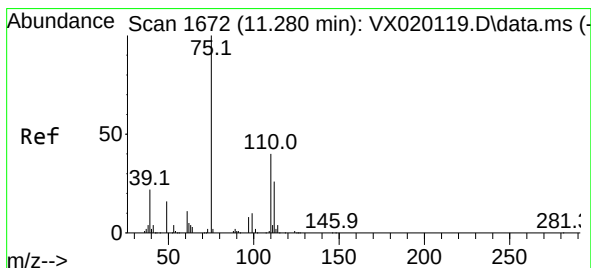
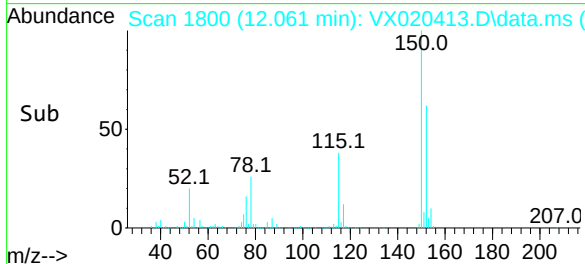
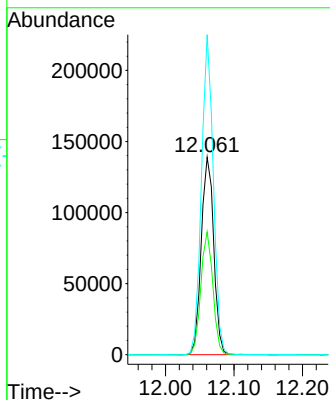
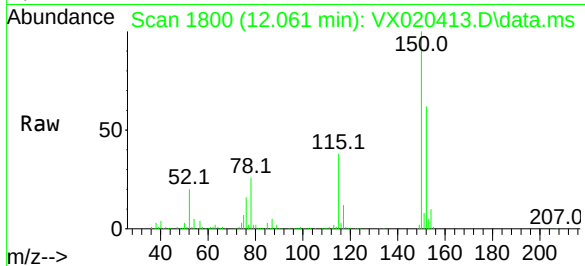




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

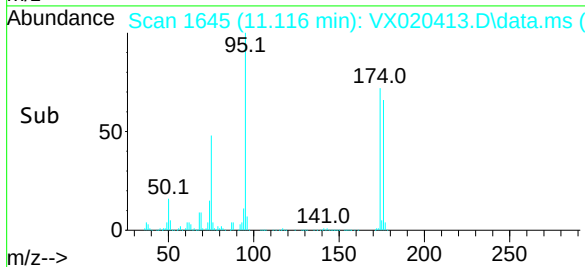
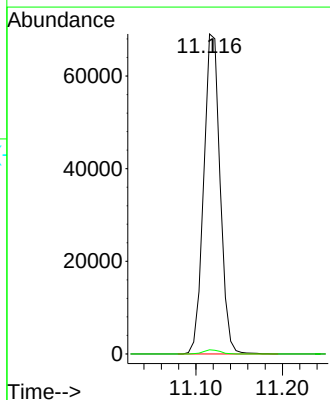
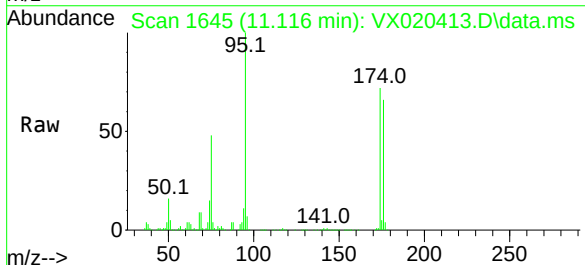
Instrument :
MSVOA_X
ClientSampleId :

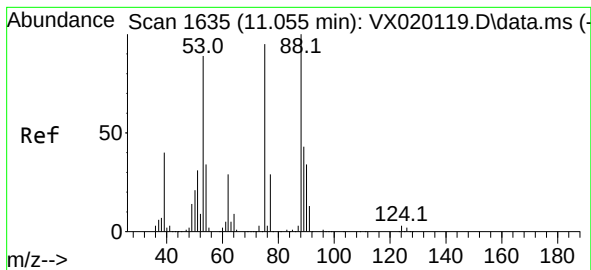
Tgt Ion:152 Resp: 176670
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 153.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.84 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020413.D
Acq: 28 Dec 2020 15:24

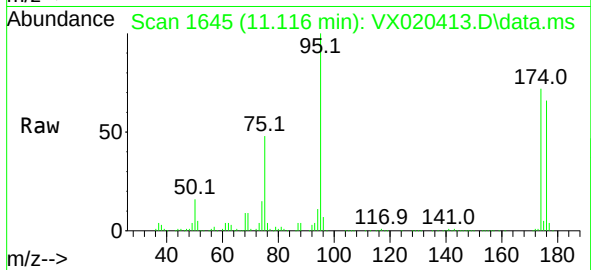
Tgt Ion: 75 Resp: 90684
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.82 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX020413.D
 Acq: 28 Dec 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 90684
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

