

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
 Data File : VX020415.D
 Acq On : 28 Dec 2020 16:11
 Operator : JC/MD
 Sample : L5227-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 29 00:40:59 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)

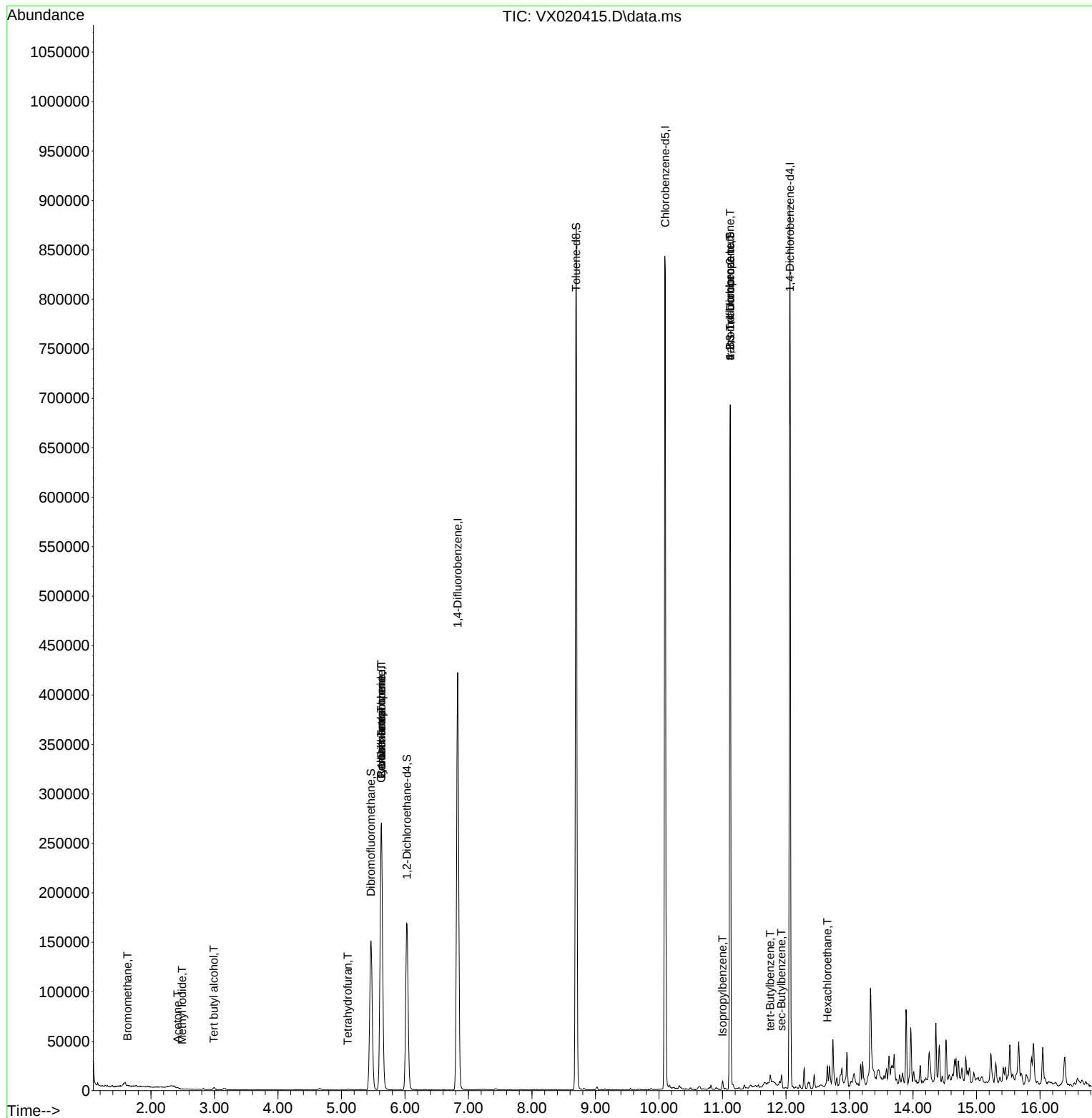
Internal Standards						
1) Pentafluorobenzene	5.629	168	260637	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	430315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	404169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	186142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	160933	46.06	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.12%
35) Dibromofluoromethane	5.465	113	132501	48.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.26%
50) Toluene-d8	8.696	98	524569	49.51	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.02%
62) 4-Bromofluorobenzene	11.122	95	197167	48.62	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.24%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	436	0.38	ug/l #	75
10) Methyl Iodide	2.489	142	130	3.32	ug/l #	42
11) Tert butyl alcohol	2.989	59	1434	1.83	ug/l #	73
16) Acetone	2.416	43	1163	0.73	ug/l #	83
29) Tetrahydrofuran	5.099	42	646	0.44	ug/l #	80
31) Cyclohexane	5.623	56	5105	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19782	4.65	ug/l #	48
38) Carbon Tetrachloride	5.629	117	25351	6.27	ug/l #	17
73) Isopropylbenzene	11.000	105	4746	0.35	ug/l	100
76) 1,2,3-Trichloropropane	11.122	75	92415	20.16	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	92415	59.80	ug/l #	12
83) tert-Butylbenzene	11.750	119	2830	0.26	ug/l	80
85) sec-Butylbenzene	11.927	105	6026	0.48	ug/l	82
90) Hexachloroethane	12.652	117	942	0.47	ug/l #	9

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

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Dec 29 00:40:59 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

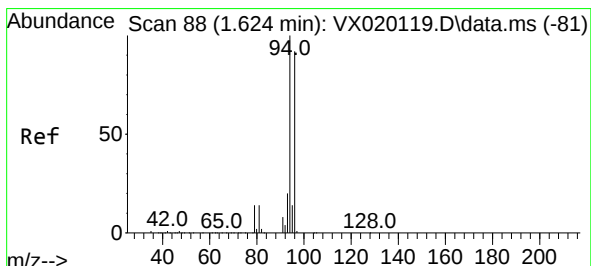
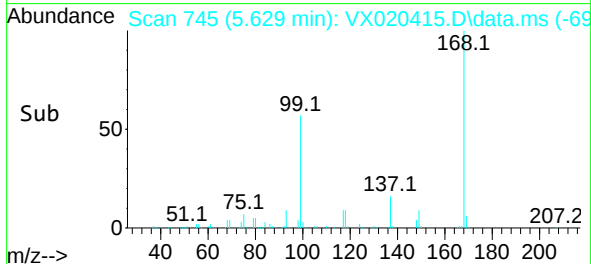
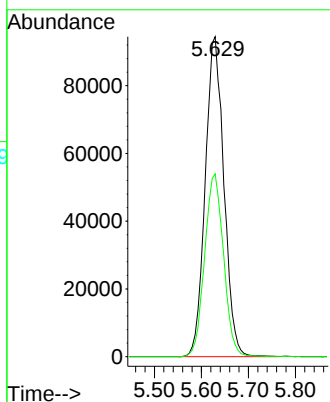
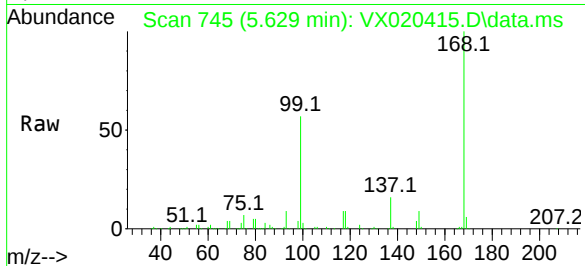




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

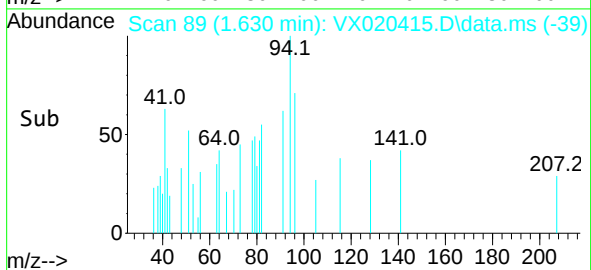
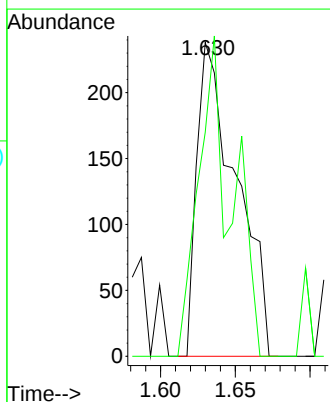
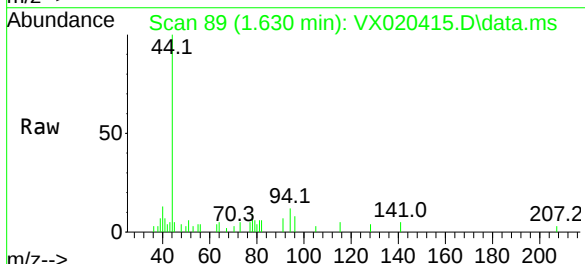
Instrument :
MSVOA_X
ClientSampleId :

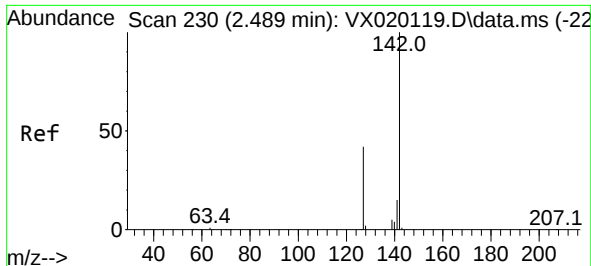
Tgt Ion:168 Resp: 260637
Ion Ratio Lower Upper
168 100
99 57.2 45.8 68.6



#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

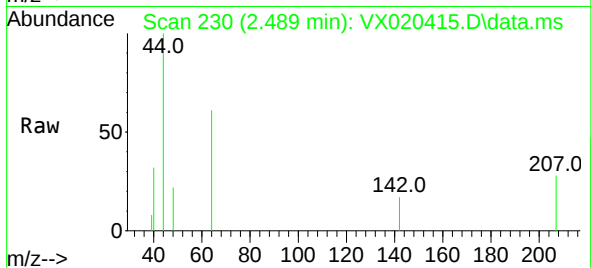
Tgt Ion: 94 Resp: 436
Ion Ratio Lower Upper
94 100
96 71.4 76.4 114.6#



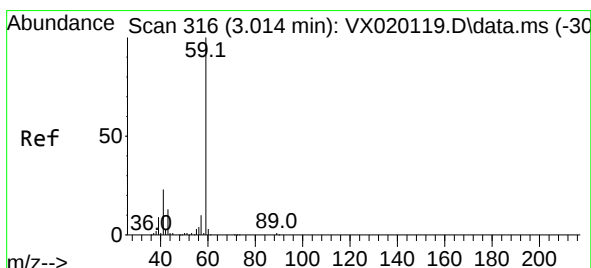
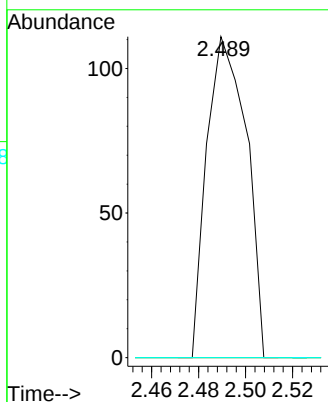
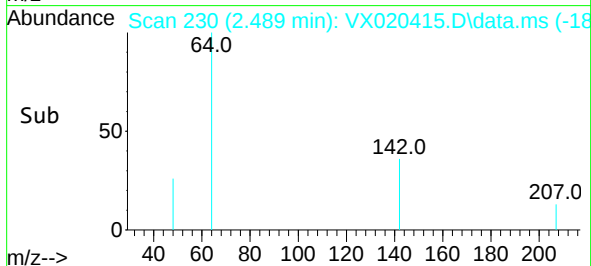


#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

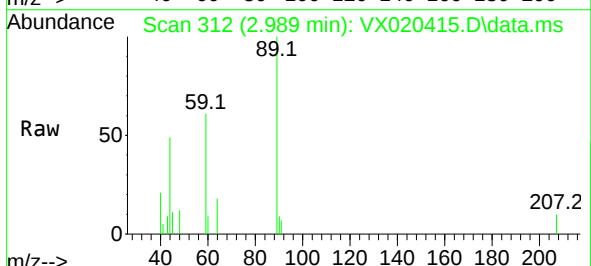
Instrument :
MSVOA_X
ClientSampled :



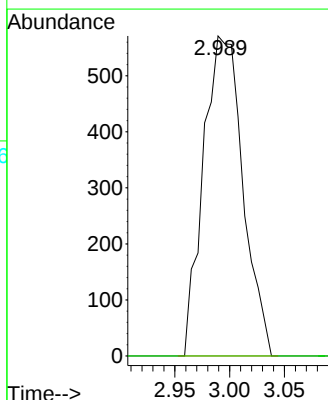
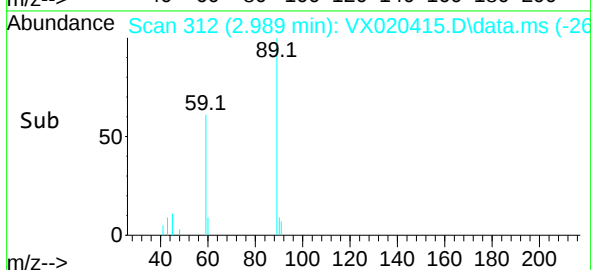
Tgt Ion:142 Resp: 130
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

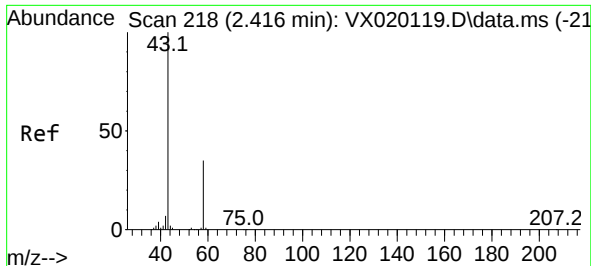


#11
Tert butyl alcohol
Concen: 1.83 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11



Tgt Ion: 59 Resp: 1434
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

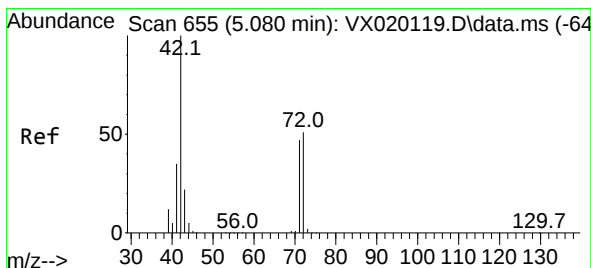
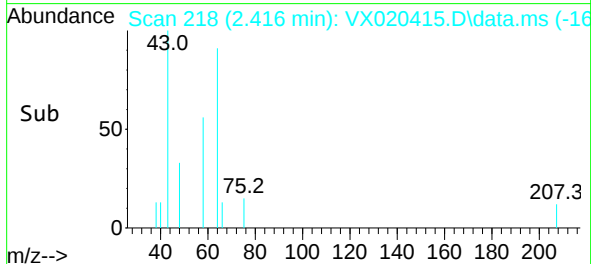
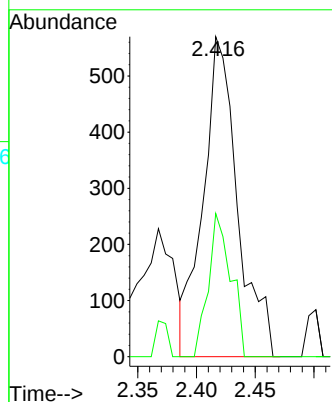
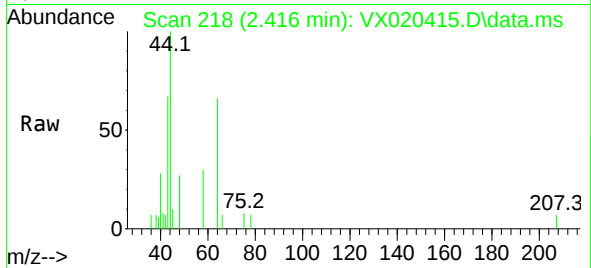




#16
Acetone
Concen: 0.73 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

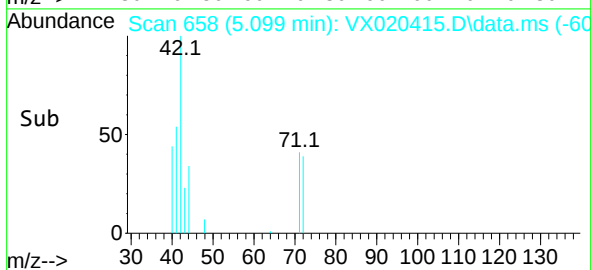
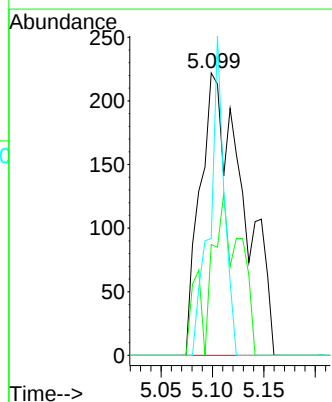
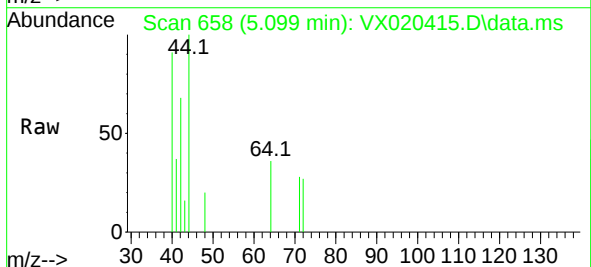
Instrument :
MSVOA_X
ClientSampleId :

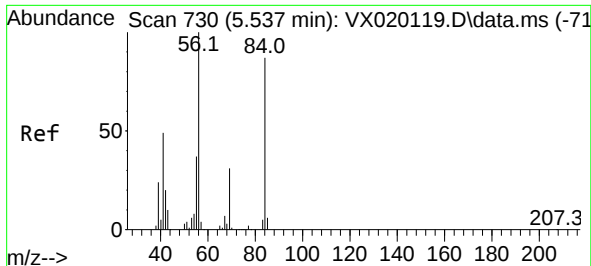
Tgt Ion: 43 Resp: 1163
Ion Ratio Lower Upper
43 100
58 44.7 27.8 41.8#



#29
Tetrahydrofuran
Concen: 0.44 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.019 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

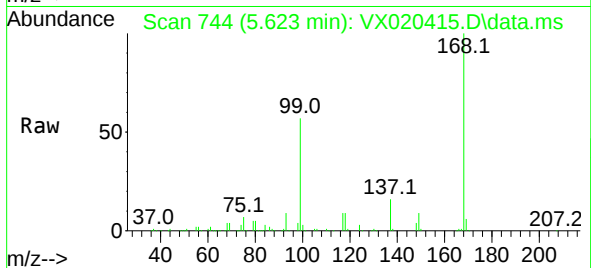
Tgt Ion: 42 Resp: 646
Ion Ratio Lower Upper
42 100
72 34.8 41.7 62.5#
71 38.2 38.4 57.6#



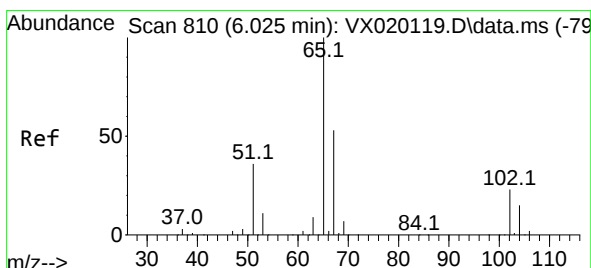
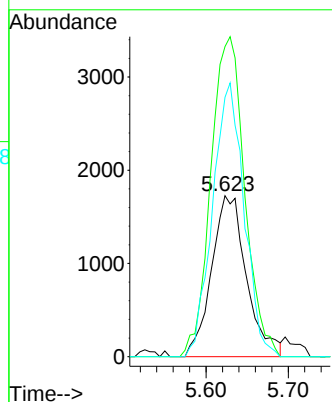
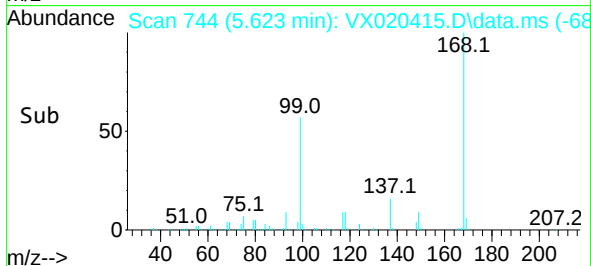


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

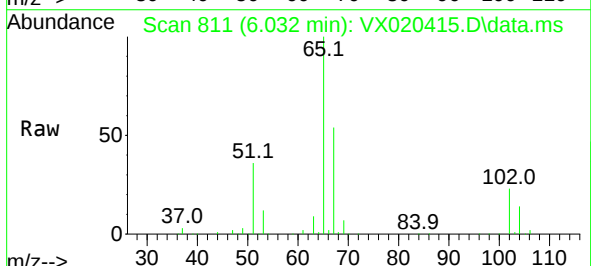
Instrument :
MSVOA_X
ClientSampled :



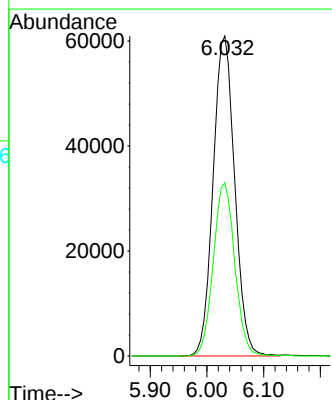
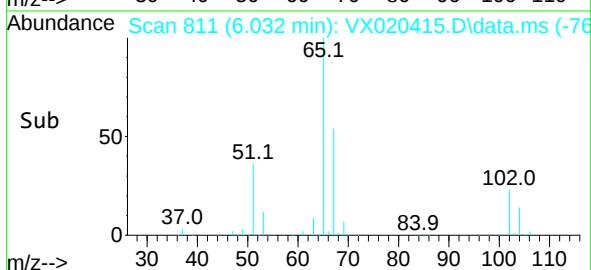
Tgt Ion: 56 Resp: 5105
Ion Ratio Lower Upper
56 100
69 192.7 25.3 37.9#
84 161.2 71.4 107.0#

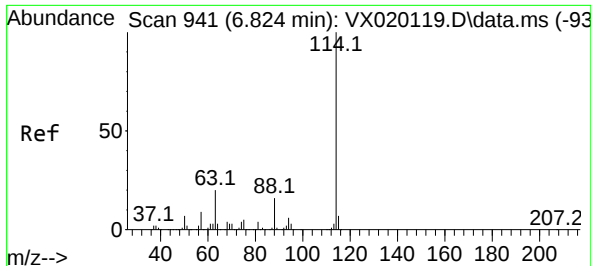


#33
1,2-Dichloroethane-d4
Concen: 46.06 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11



Tgt Ion: 65 Resp: 160933
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.4

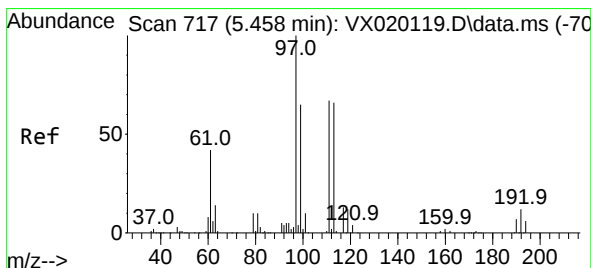
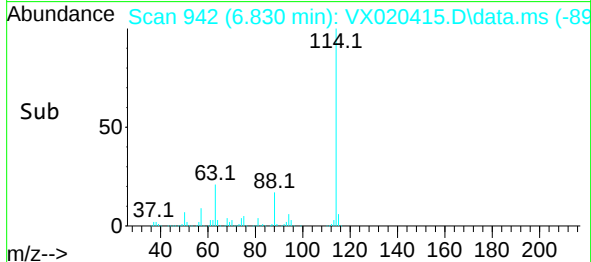
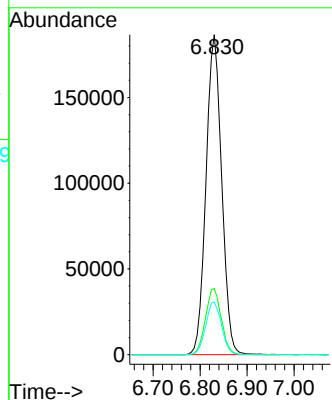
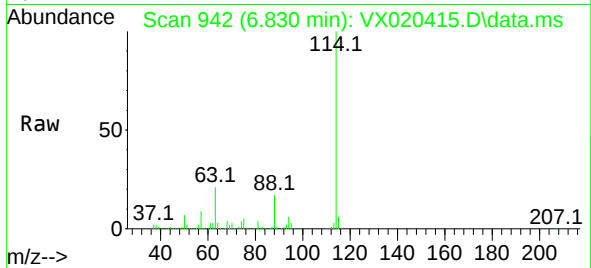




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

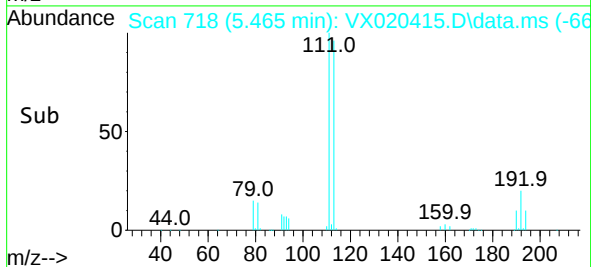
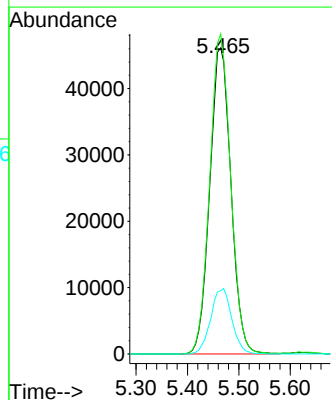
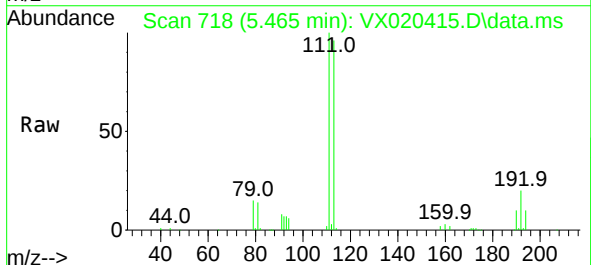
Instrument :
MSVOA_X
ClientSampleId :

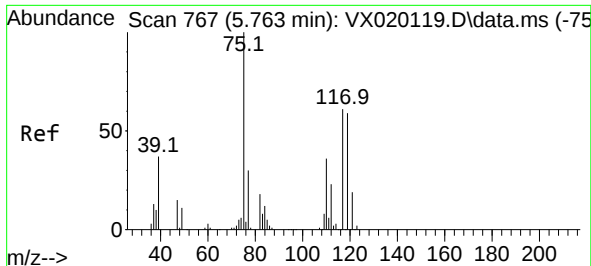
Tgt Ion:114 Resp: 430315
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.13 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion:113 Resp: 132501
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 21.2 16.7 25.1

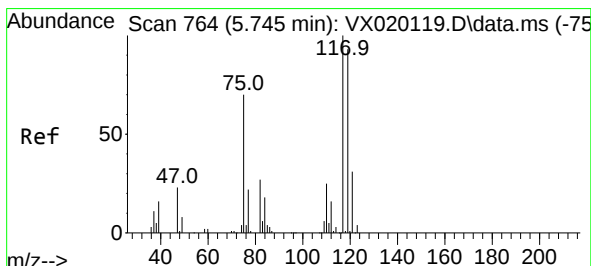
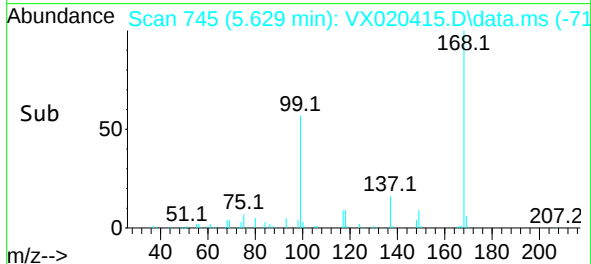
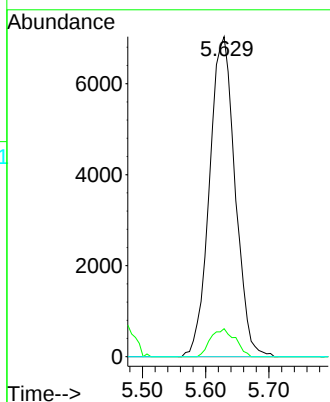
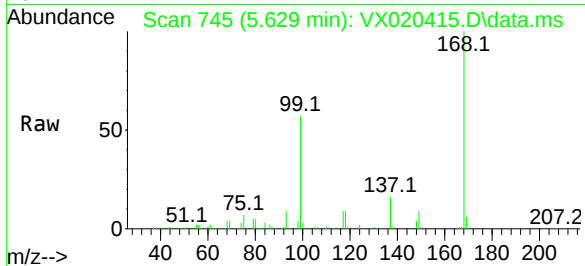




#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

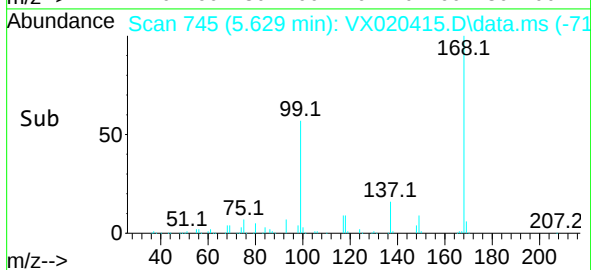
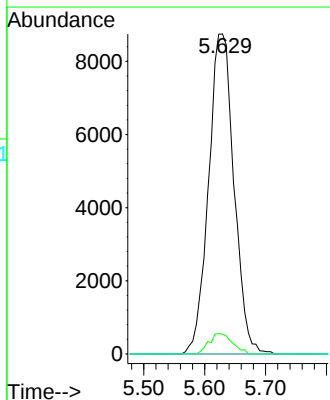
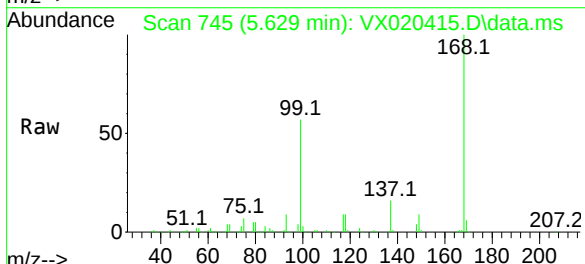
Instrument :
MSVOA_X
ClientSampleId :

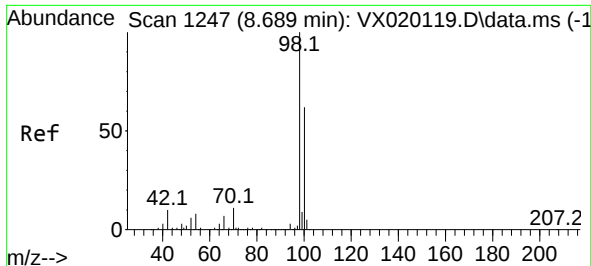
Tgt Ion: 75 Resp: 19782
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion: 117 Resp: 25351
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

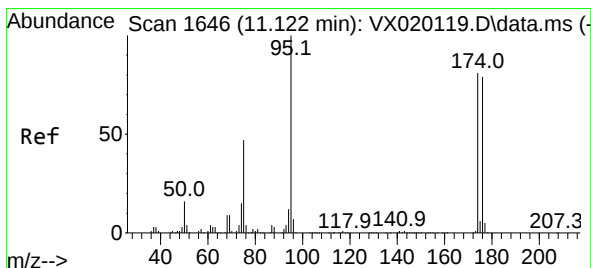
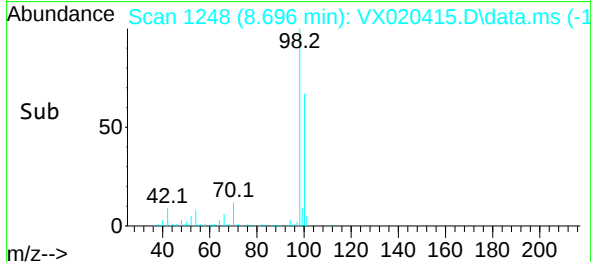
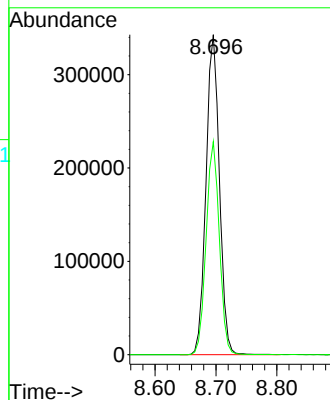
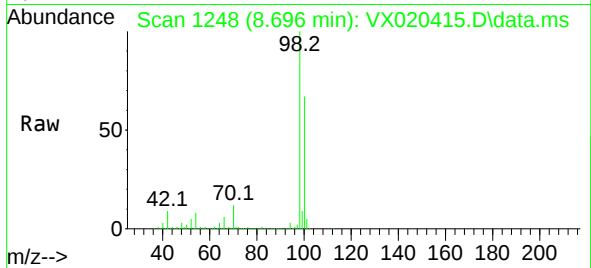




#50
Toluene-d8
Concen: 49.51 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

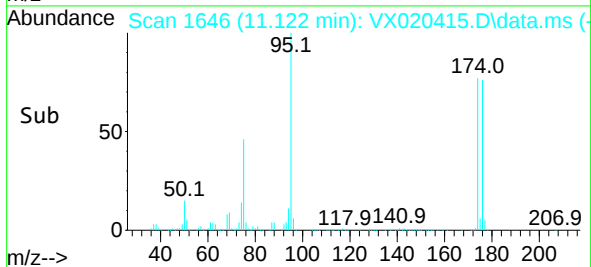
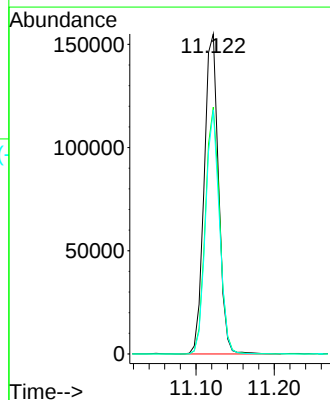
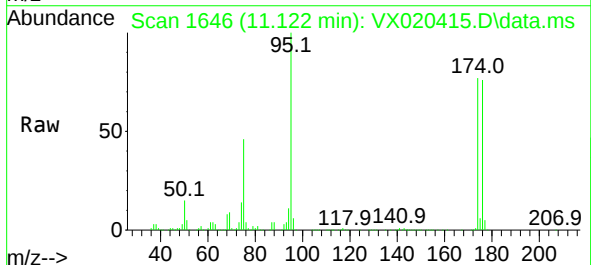
Instrument :
MSVOA_X
ClientSampleId :

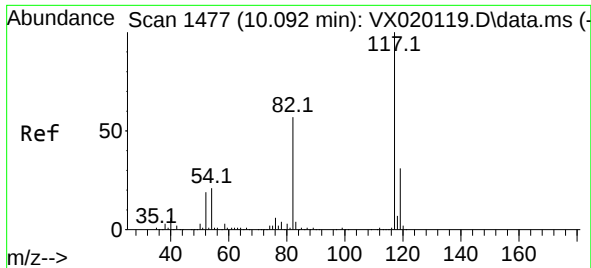
Tgt Ion: 98 Resp: 524569
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.62 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion: 95 Resp: 197167
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 73.5 0.0 155.8

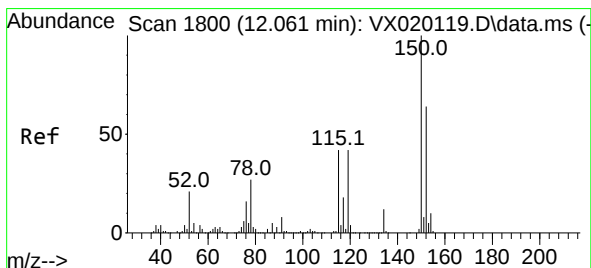
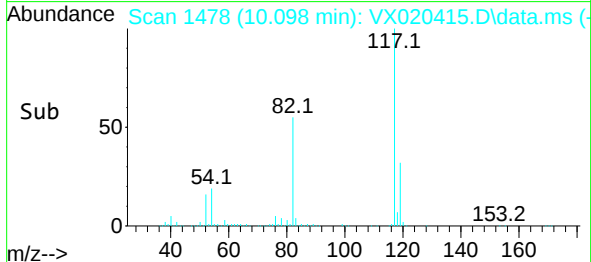
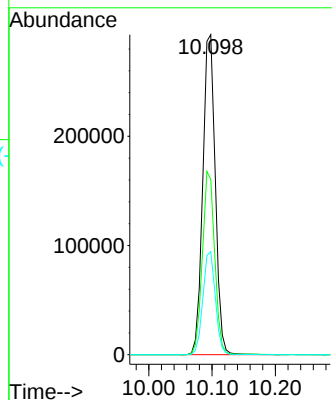
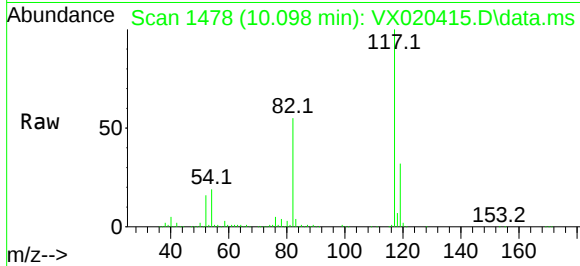




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

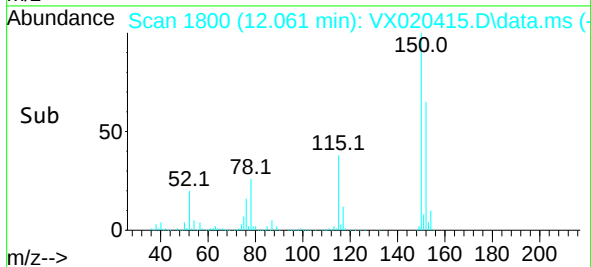
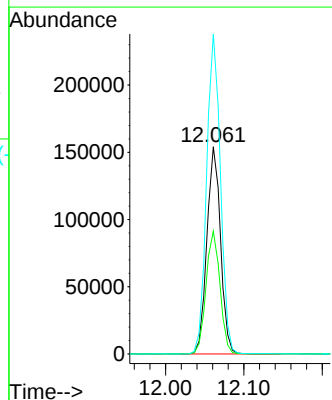
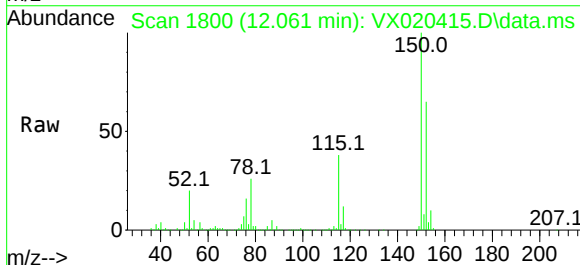
Instrument :
MSVOA_X
ClientSampleId :

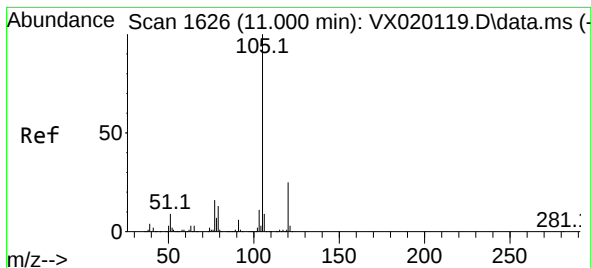
Tgt Ion:117 Resp: 404169
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion:152 Resp: 186142
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 156.0 0.0 349.0





#73

Isopropylbenzene

Concen: 0.35 ug/l

RT: 11.000 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VX020415.D

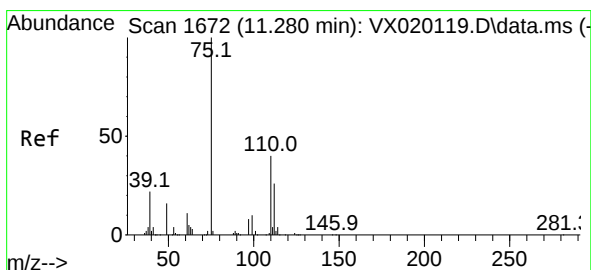
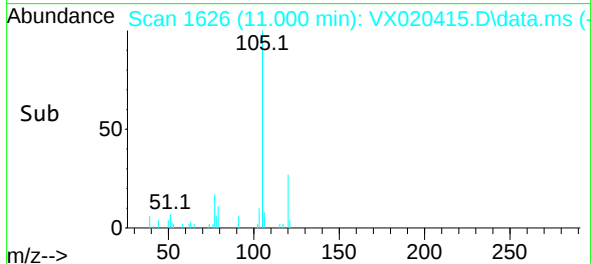
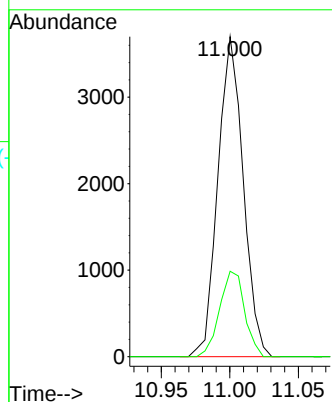
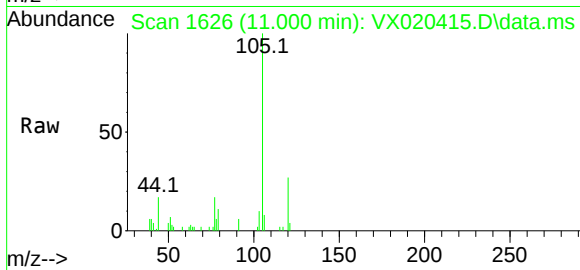
Acq: 28 Dec 2020 16:11

Tgt Ion:105 Resp: 4746

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#76

1,2,3-Trichloropropane

Concen: 20.16 ug/l

RT: 11.122 min Scan# 1646

Delta R.T. -0.158 min

Lab File: VX020415.D

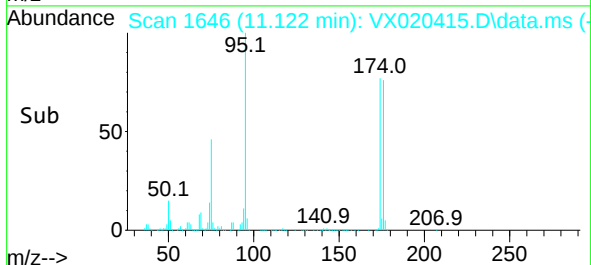
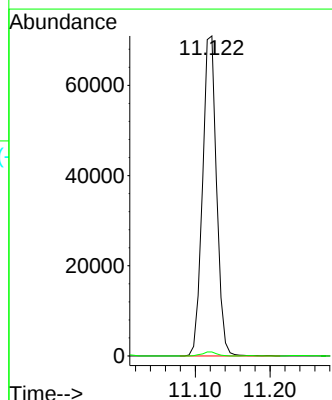
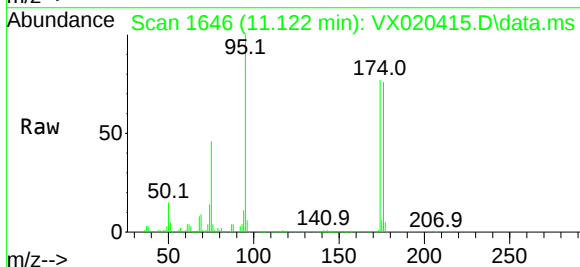
Acq: 28 Dec 2020 16:11

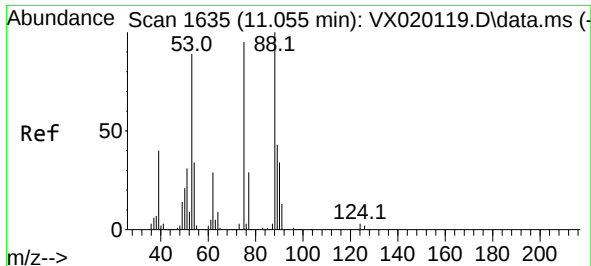
Tgt Ion: 75 Resp: 92415

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

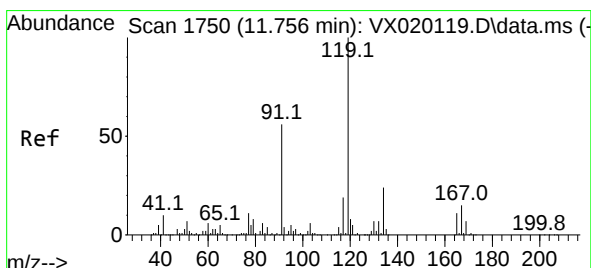
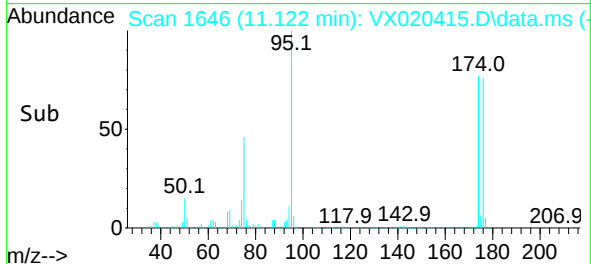
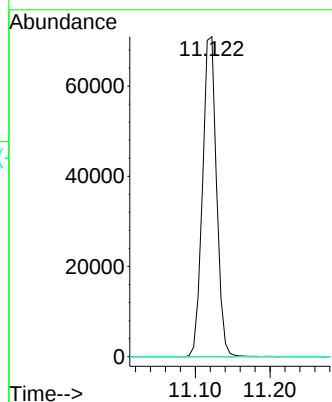
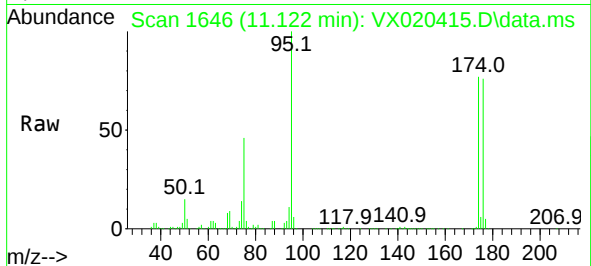




#81
trans-1,4-Dichloro-2-butene
Concen: 59.80 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

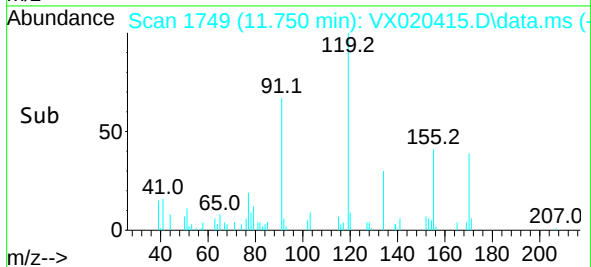
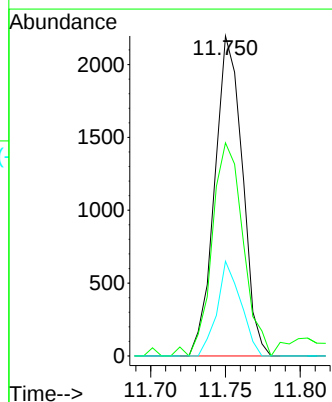
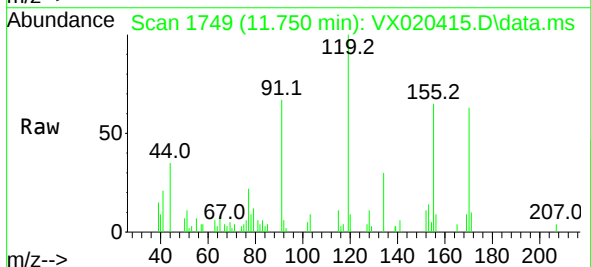
Instrument :
MSVOA_X
ClientSampleId :

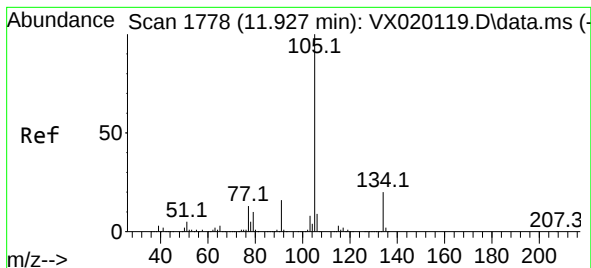
Tgt Ion: 75 Resp: 92415
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#83
tert-Butylbenzene
Concen: 0.26 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX020415.D
Acq: 28 Dec 2020 16:11

Tgt Ion: 119 Resp: 2830
Ion Ratio Lower Upper
119 100
91 74.5 27.9 83.7
134 25.3 11.3 33.9

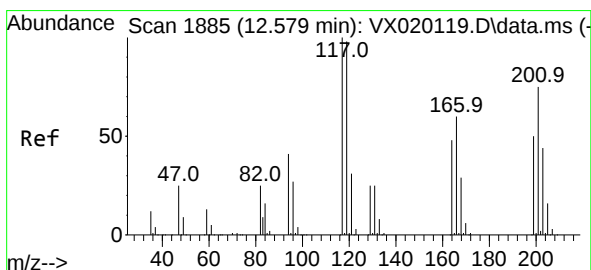
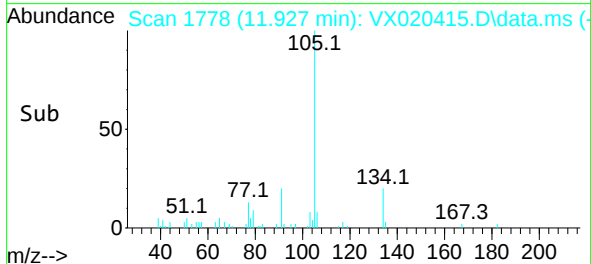
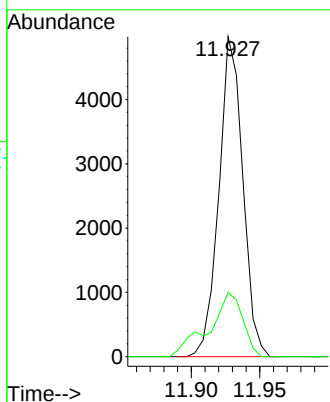
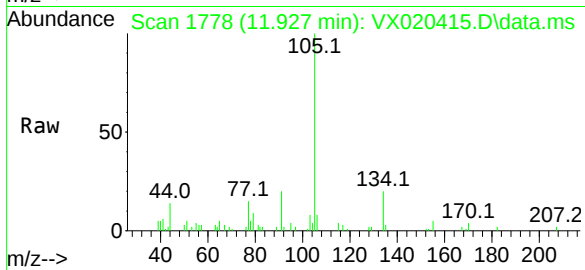




#85
 sec-Butylbenzene
 Concen: 0.48 ug/l
 RT: 11.927 min Scan# 1778
 Delta R.T. -0.000 min
 Lab File: VX020415.D
 Acq: 28 Dec 2020 16:11

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion:105 Resp: 6026
 Ion Ratio Lower Upper
 105 100
 134 28.3 10.0 29.8



#90
 Hexachloroethane
 Concen: 0.47 ug/l
 RT: 12.652 min Scan# 1897
 Delta R.T. 0.073 min
 Lab File: VX020415.D
 Acq: 28 Dec 2020 16:11

Tgt Ion:117 Resp: 942
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.4 121.2#

