

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020246.D
 Acq On : 21 Dec 2020 13:42
 Operator : JC/MD
 Sample : L5053-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20201209DL

Quant Time: Dec 22 01:32:19 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)

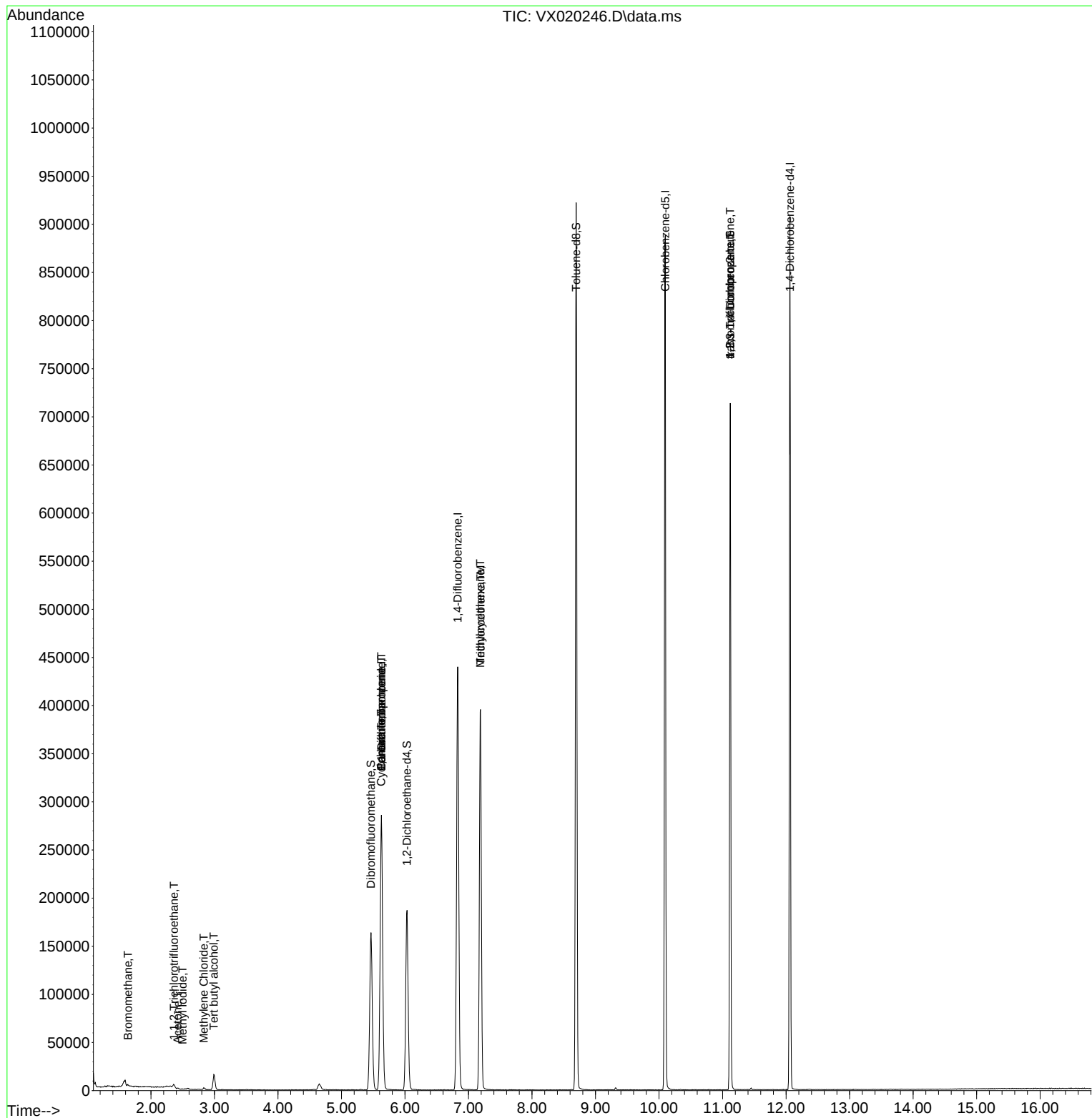
Internal Standards						
1) Pentafluorobenzene	5.629	168	265597	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	446360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	420446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	178782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	177043	49.73	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.46%		
35) Dibromofluoromethane	5.464	113	140753	49.29	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.58%		
50) Toluene-d8	8.695	98	548130	49.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.74%		
62) 4-Bromofluorobenzene	11.122	95	194158	46.16	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.32%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	639	0.55	ug/l #	69
9) 1,1,2-Trichlorotrifluo...	2.361	101	1307	0.49	ug/l	94
10) Methyl Iodide	2.495	142	266	3.36	ug/l #	76
11) Tert butyl alcohol	2.989	59	9373	11.76	ug/l #	75
16) Acetone	2.416	43	1135	0.70	ug/l	91
20) Methylene Chloride	2.831	84	861	0.24	ug/l	93
31) Cyclohexane	5.623	56	5265	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20601	4.67	ug/l #	49
38) Carbon Tetrachloride	5.629	117	26177	6.24	ug/l #	18
39) Methylcyclohexane	7.183	83	2008	0.39	ug/l #	1
44) Trichloroethene	7.190	130	158088	44.54	ug/l	99
76) 1,2,3-Trichloropropane	11.122	75	93637	21.26	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	93637	63.08	ug/l #	12

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

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ALS Vial : 11 Sample Multiplier: 1

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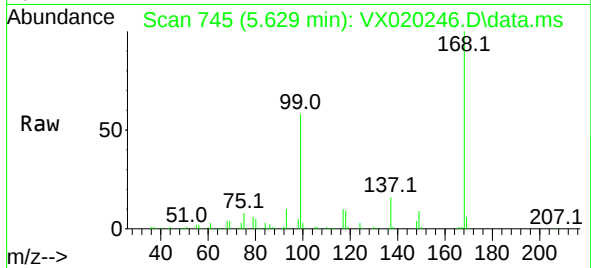
Quant Time: Dec 22 01:32:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
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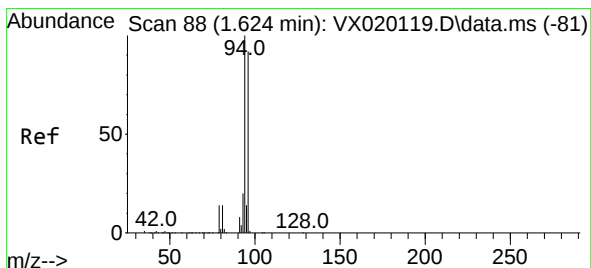
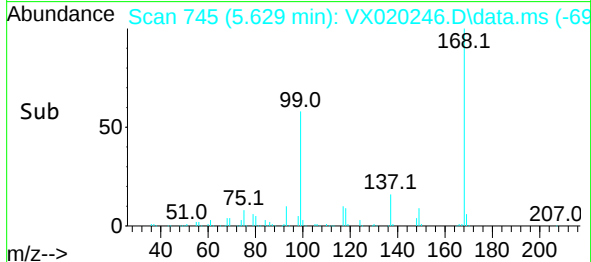
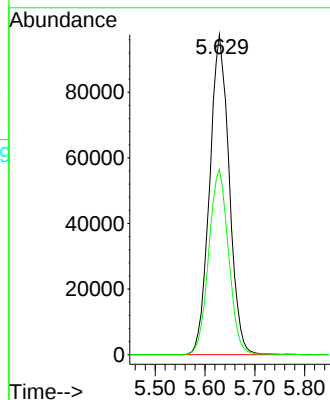


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20201209DL

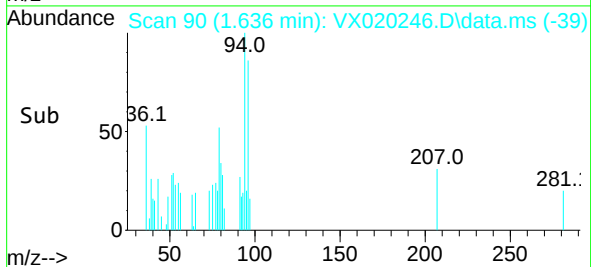
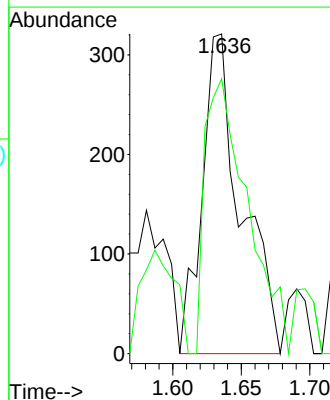
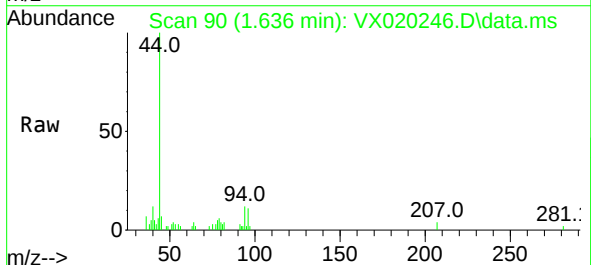


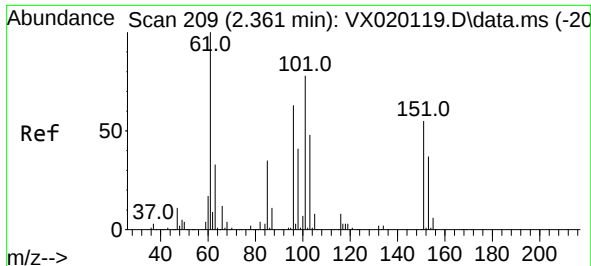
Tgt Ion:168 Resp: 265597
Ion Ratio Lower Upper
168 100
99 58.1 45.8 68.6



#5
Bromomethane
Concen: 0.55 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

Tgt Ion: 94 Resp: 639
Ion Ratio Lower Upper
94 100
96 65.1 76.4 114.6#

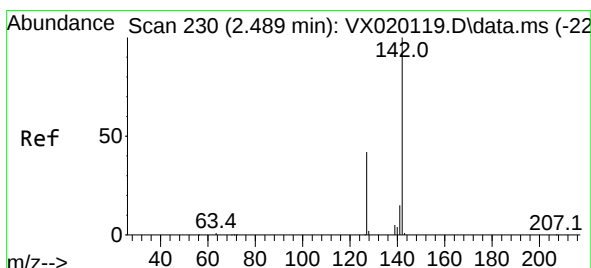
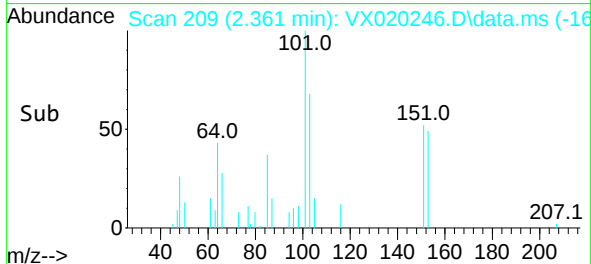
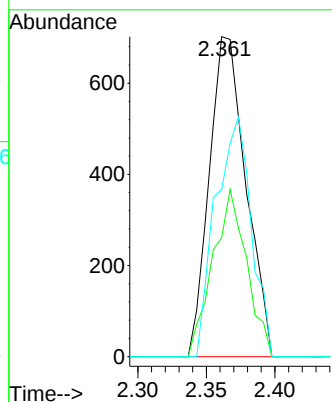
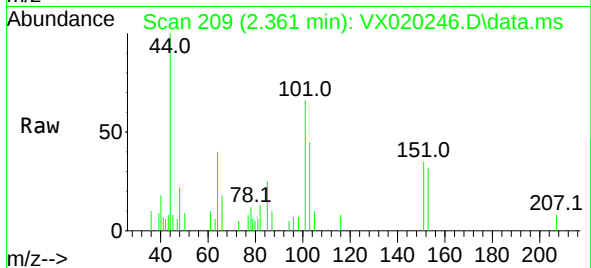




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.49 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.000 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

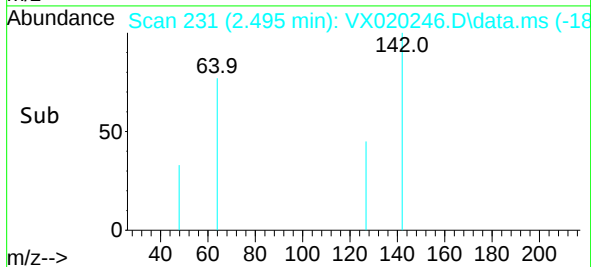
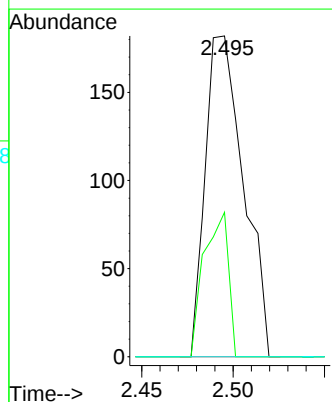
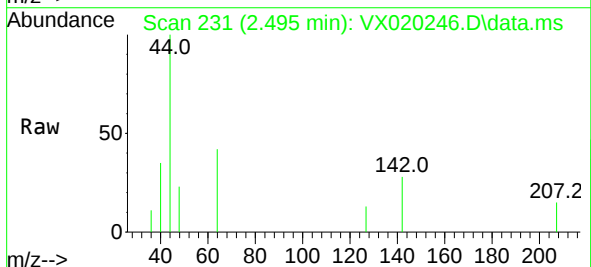
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20201209DL

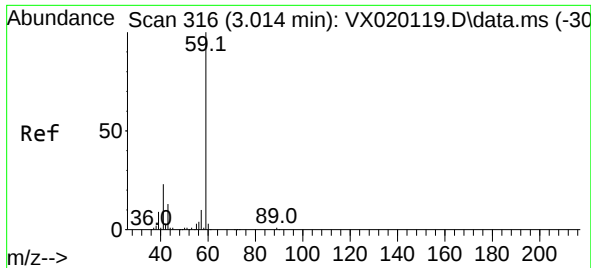
Tgt Ion:	101	Resp:	1307
Ion	Ratio	Lower	Upper
101	100		
85	48.1	34.9	52.3
151	72.8	61.4	92.2



#10
Methyl Iodide
Concen: 3.36 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

Tgt Ion:	142	Resp:	266
Ion	Ratio	Lower	Upper
142	100		
127	28.6	33.3	49.9#
141	0.0	11.4	17.0#

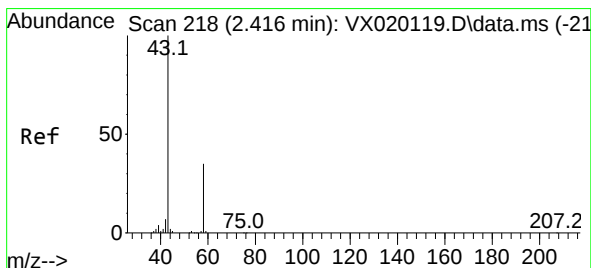
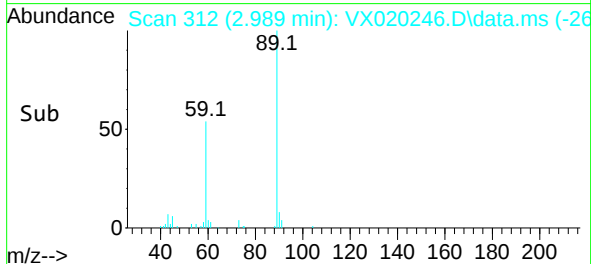
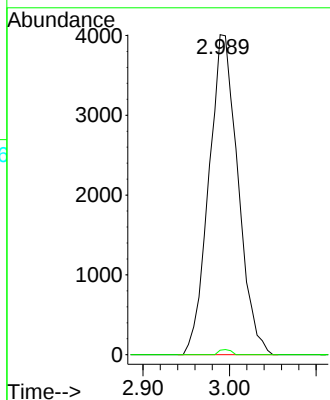
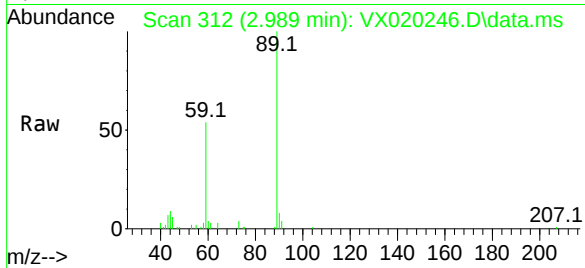




#11
Tert butyl alcohol
Concen: 11.76 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

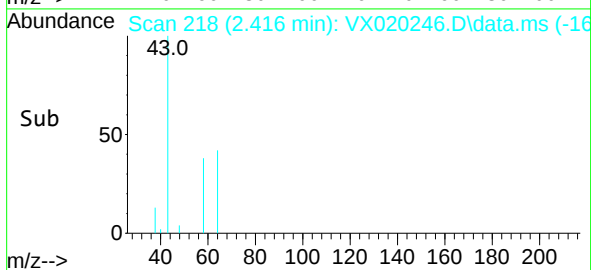
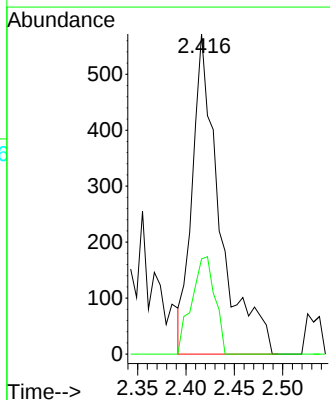
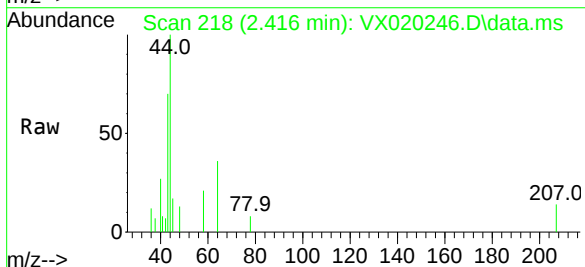
Instrument :
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ClientSampleId :
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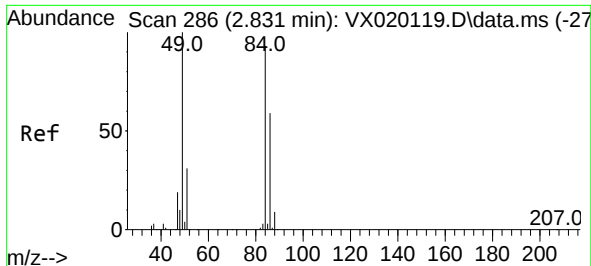
Tgt Ion: 59 Resp: 9373
Ion Ratio Lower Upper
59 100
57 0.7 7.8 11.8#



#16
Acetone
Concen: 0.70 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 29.7 27.8 41.8





#20

Methylene Chloride

Concen: 0.24 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

Lab File: VX020246.D

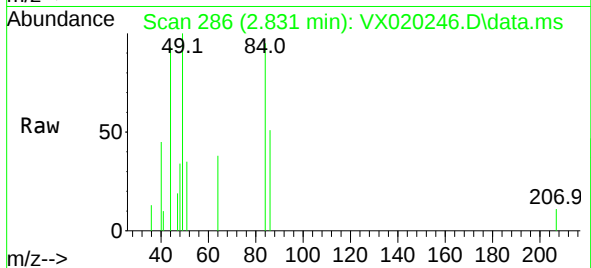
Acq: 21 Dec 2020 13:42

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20201209DL



Tgt Ion: 84 Resp: 861

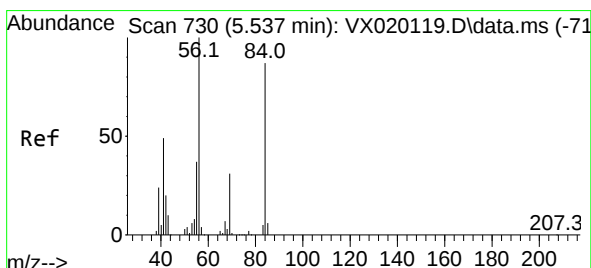
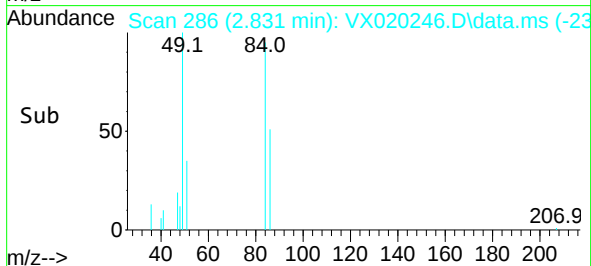
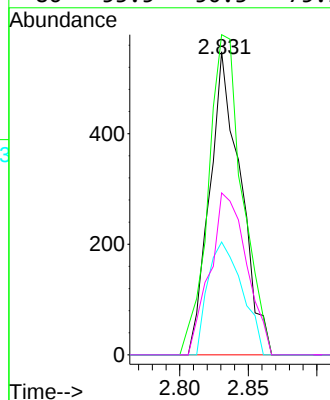
Ion Ratio Lower Upper

84 100

49 105.7 88.6 132.8

51 37.2 27.0 40.6

86 53.5 50.3 75.5



#31

Cyclohexane

Concen: 1.07 ug/l

RT: 5.623 min Scan# 744

Delta R.T. 0.086 min

Lab File: VX020246.D

Acq: 21 Dec 2020 13:42

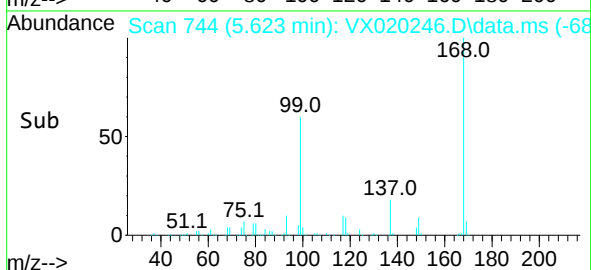
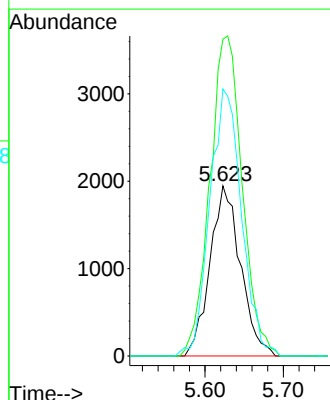
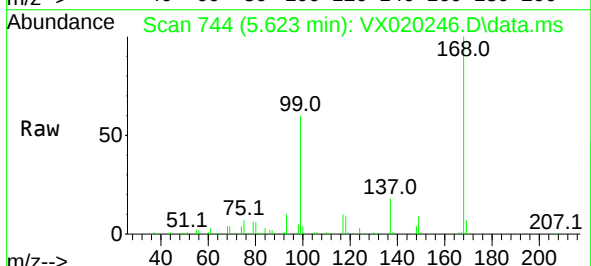
Tgt Ion: 56 Resp: 5265

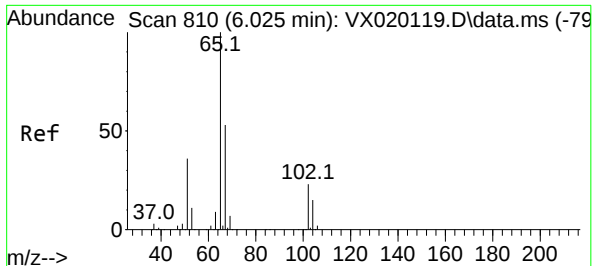
Ion Ratio Lower Upper

56 100

69 186.2 25.3 37.9#

84 157.0 71.4 107.0#

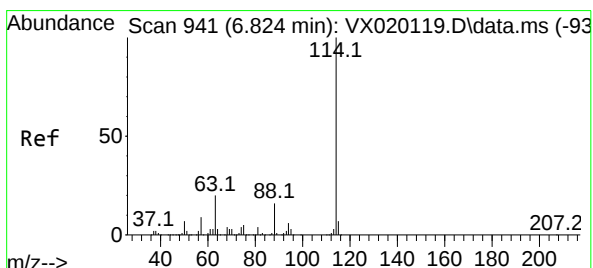
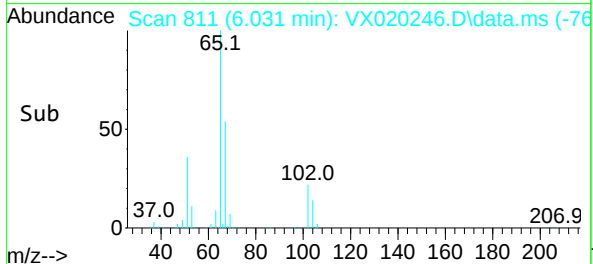
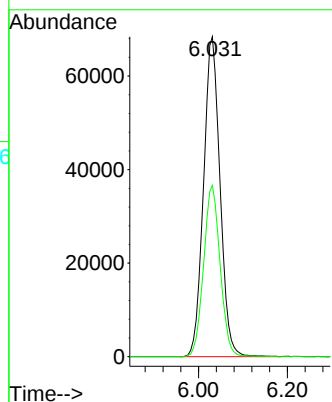
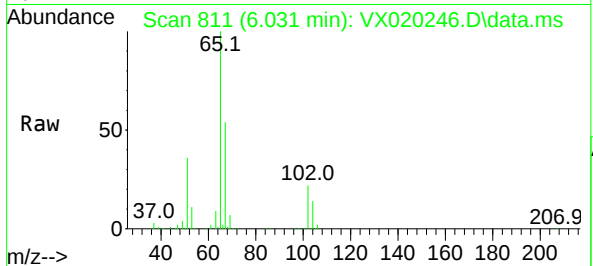




#33
1,2-Dichloroethane-d4
Concen: 49.73 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

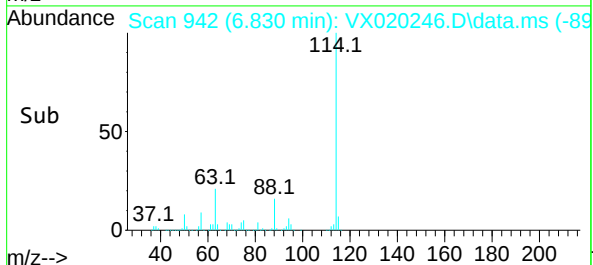
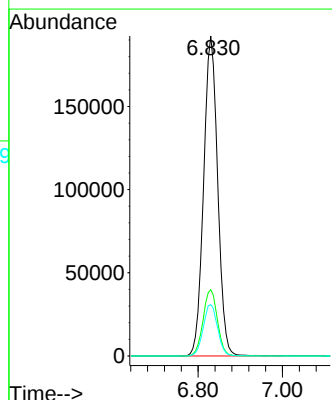
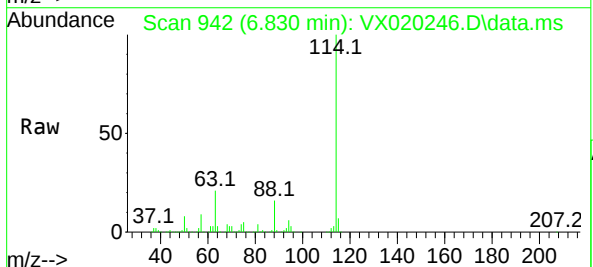
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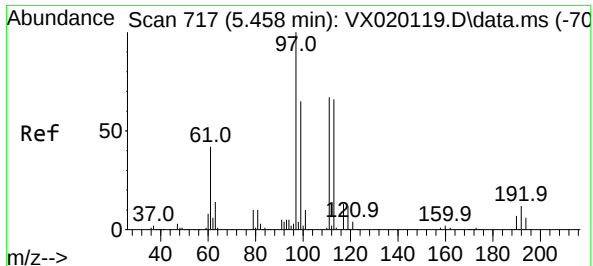
Tgt Ion: 65 Resp: 177043
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

Tgt Ion: 114 Resp: 446360
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.0 0.0 32.8

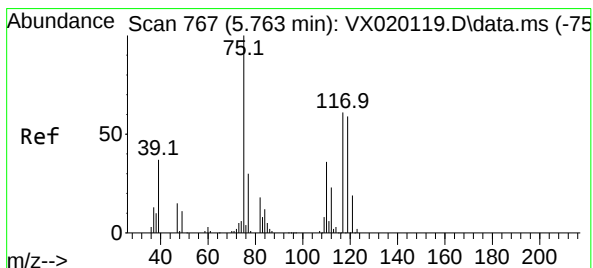
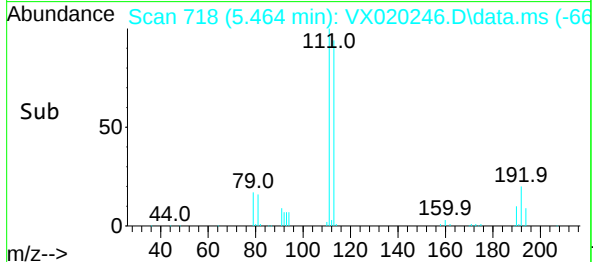
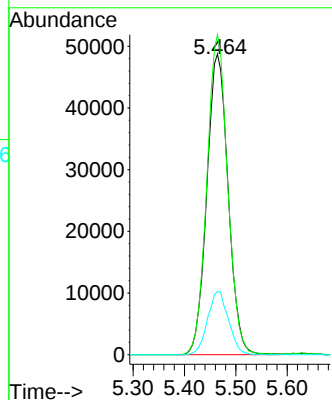
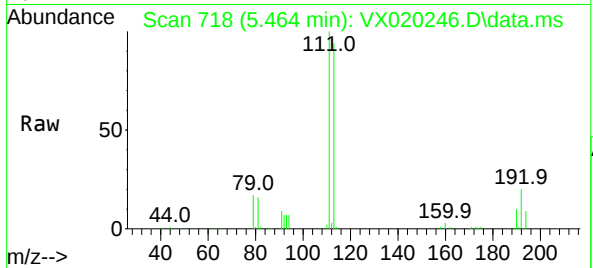




#35
Dibromofluoromethane
Concen: 49.29 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

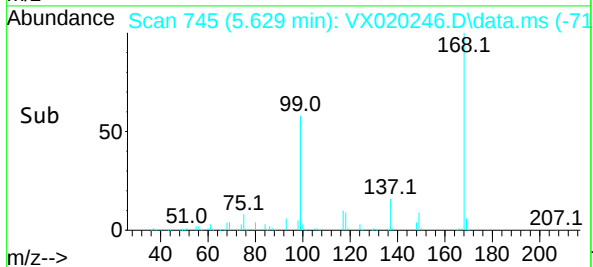
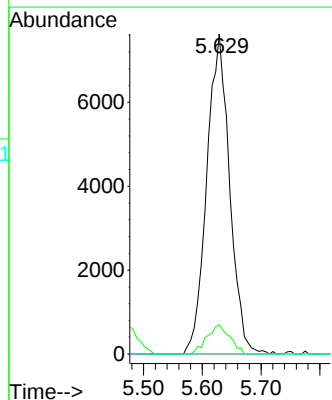
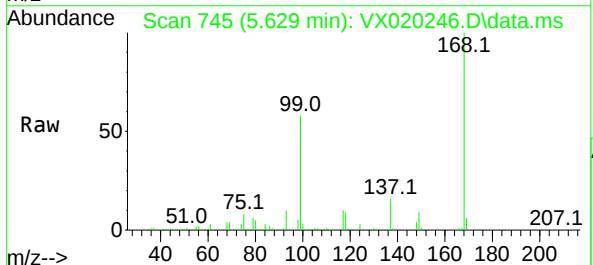
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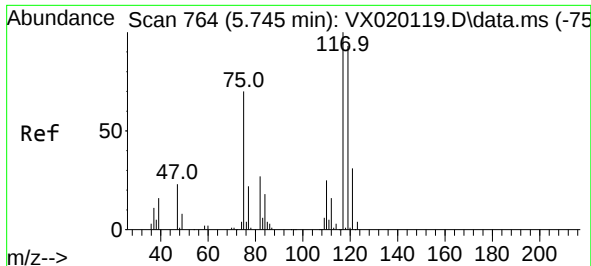
Tgt Ion:113 Resp: 140753
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 20.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

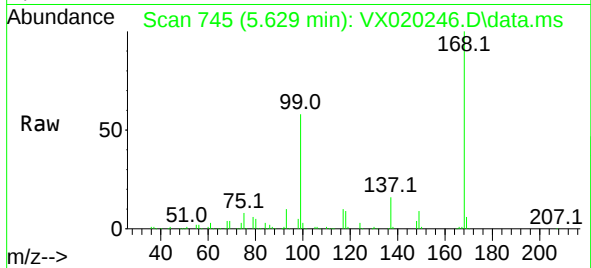
Tgt Ion: 75 Resp: 20601
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



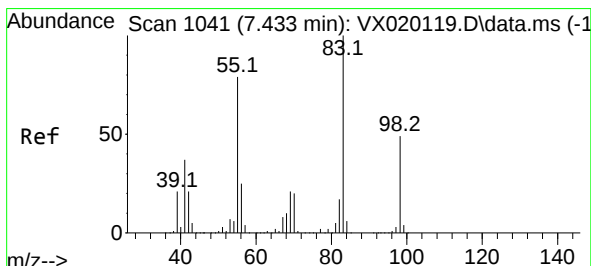
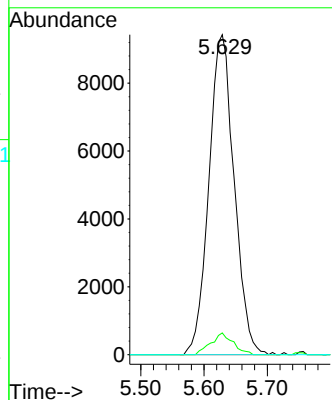
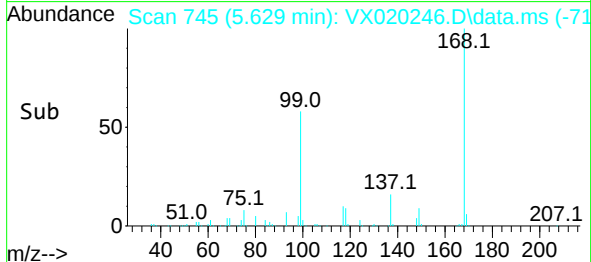


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

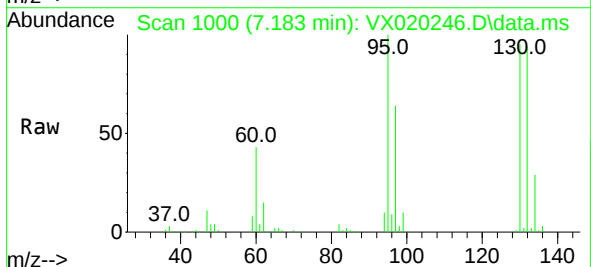
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20201209DL



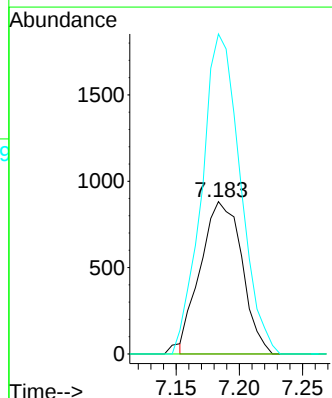
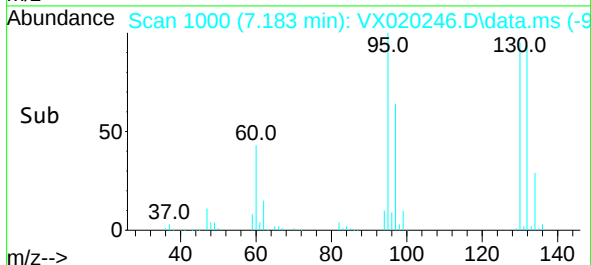
Tgt Ion:117 Resp: 26177
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#

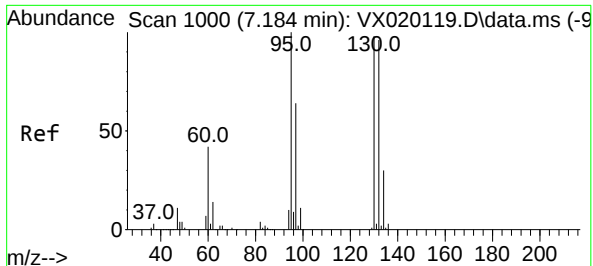


#39
Methylcyclohexane
Concen: 0.39 ug/l
RT: 7.183 min Scan# 1000
Delta R.T. -0.250 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42



Tgt Ion: 83 Resp: 2008
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 210.1 38.1 57.1#

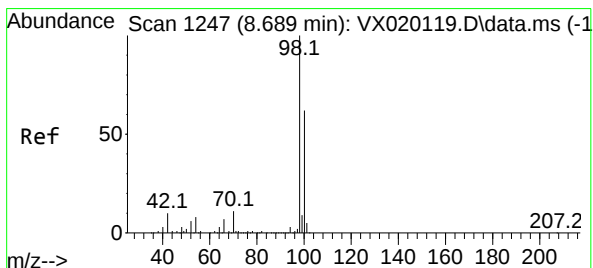
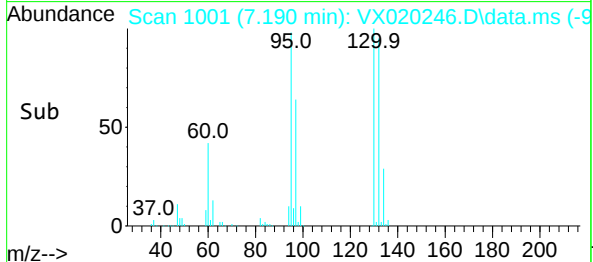
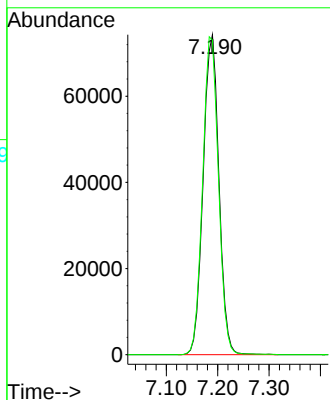
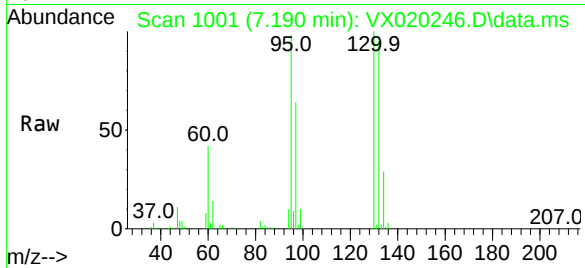




#44
Trichloroethene
Concen: 44.54 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

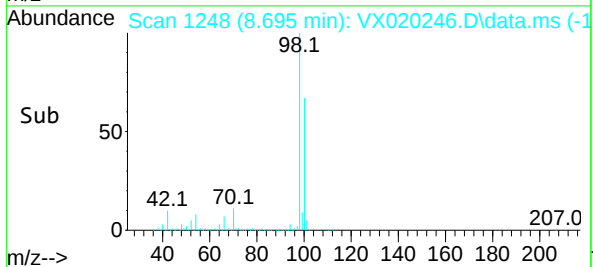
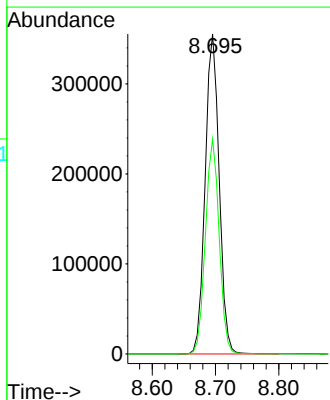
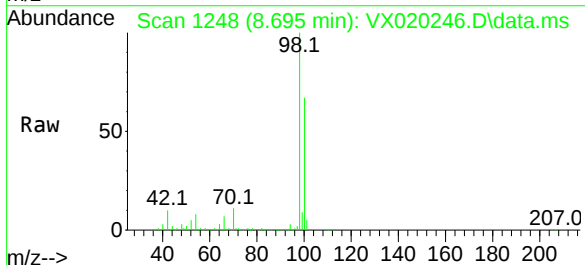
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20201209DL

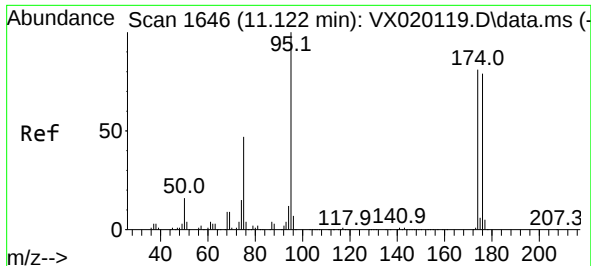
Tgt Ion:130 Resp: 158088
Ion Ratio Lower Upper
130 100
95 98.3 0.0 198.0



#50
Toluene-d8
Concen: 49.87 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

Tgt Ion: 98 Resp: 548130
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

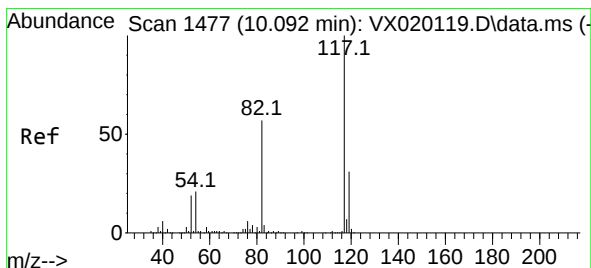
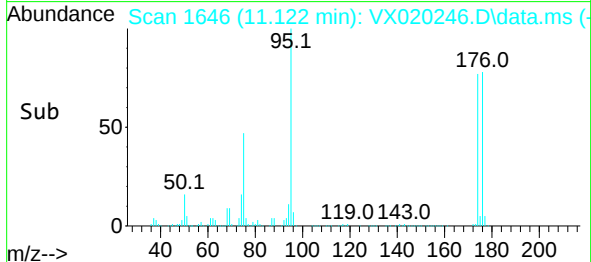
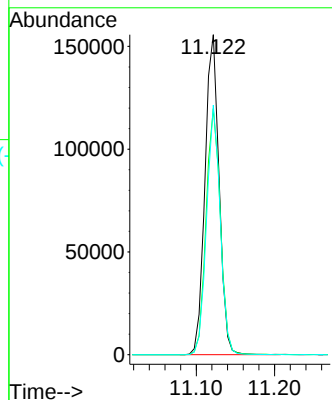
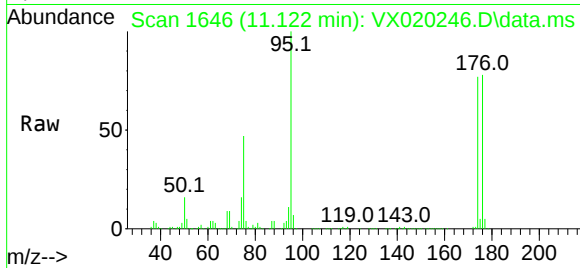




#62
4-Bromofluorobenzene
Concen: 46.16 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

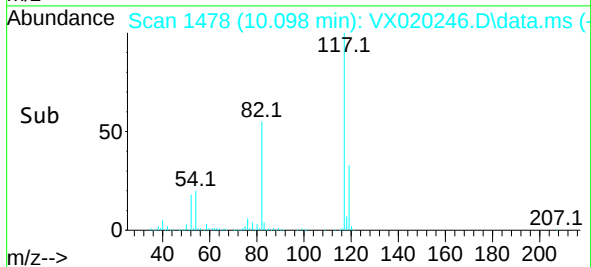
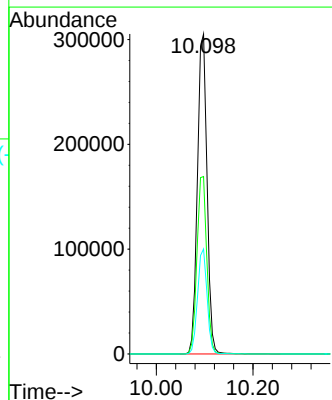
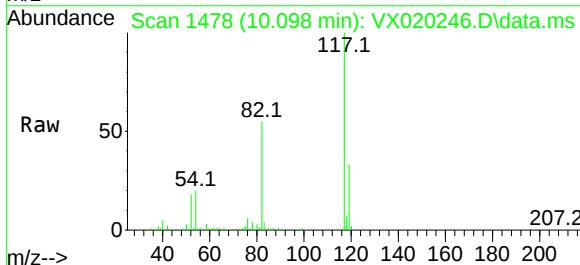
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20201209DL

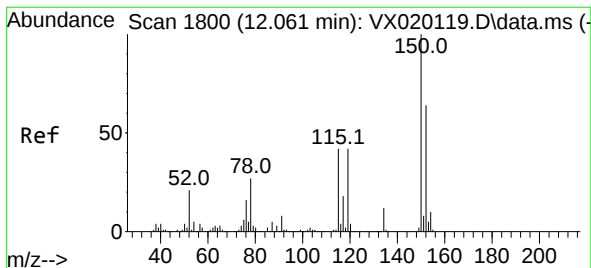
Tgt Ion: 95 Resp: 194158
Ion Ratio Lower Upper
95 100
174 77.7 0.0 154.6
176 74.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

Tgt Ion: 117 Resp: 420446
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 32.8 26.6 39.8

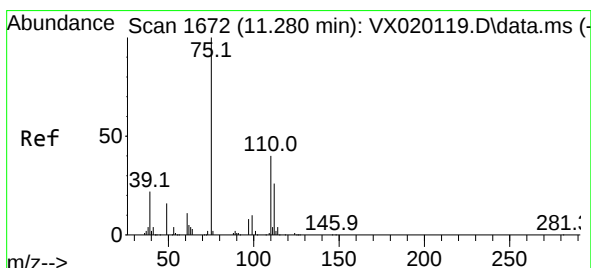
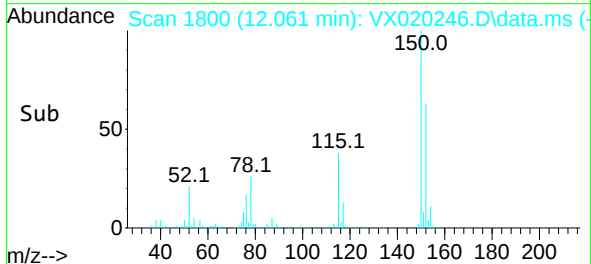
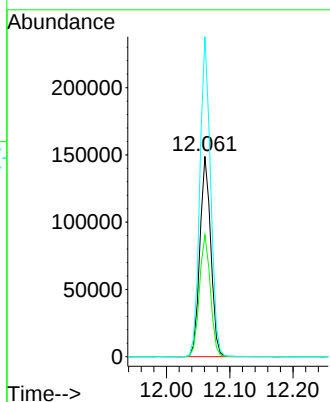
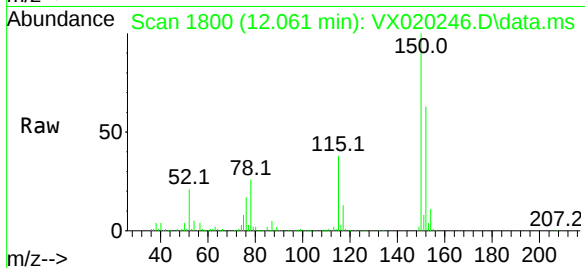




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

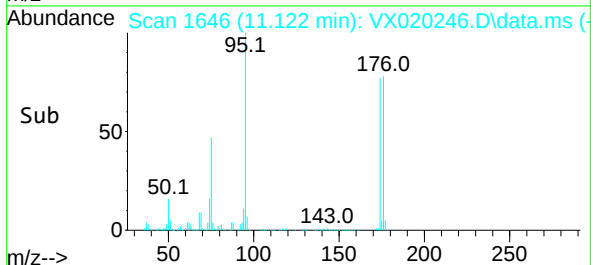
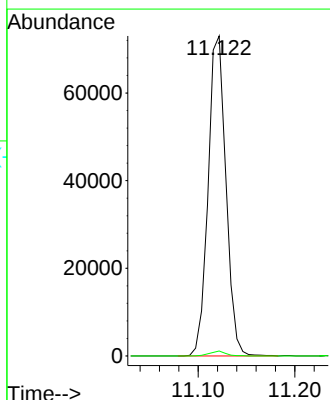
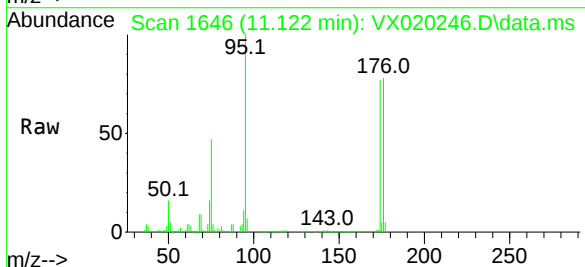
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20201209DL

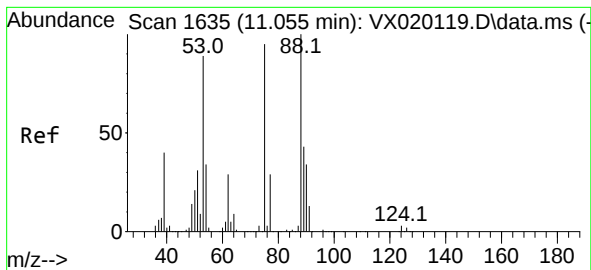
Tgt Ion:152 Resp: 178782
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 156.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.26 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020246.D
Acq: 21 Dec 2020 13:42

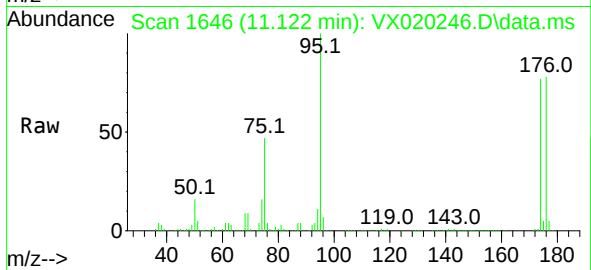
Tgt Ion: 75 Resp: 93637
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.08 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020246.D
 Acq: 21 Dec 2020 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20201209DL



Tgt Ion: 75 Resp: 93637
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

