

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020327.D
 Acq On : 23 Dec 2020 01:13
 Operator : JC/MD
 Sample : L5094-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBL01

Quant Time: Dec 23 05:05:45 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)

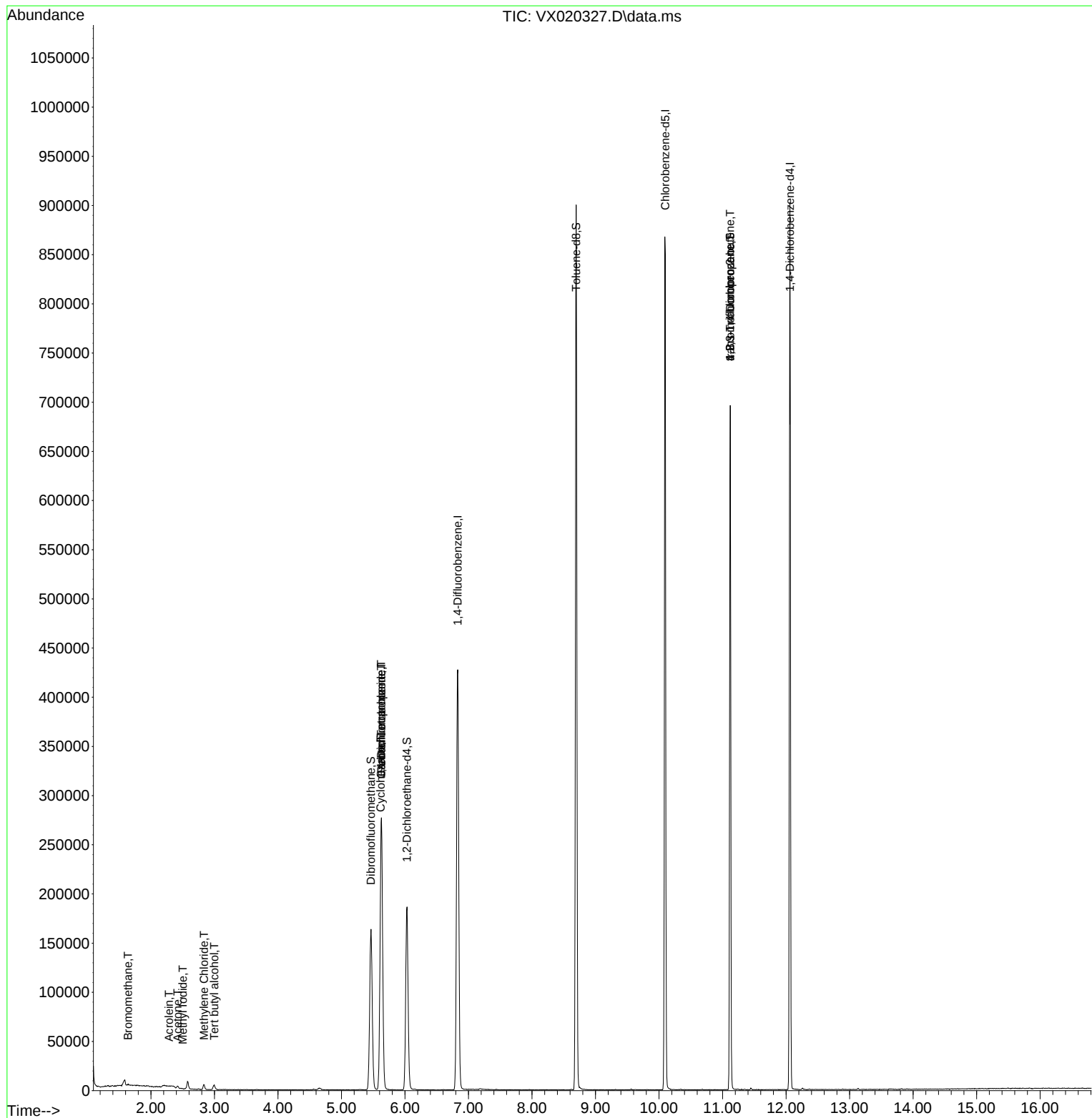
Internal Standards						
1) Pentafluorobenzene	5.629	168	263660	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	447193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	415575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	183594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	175956	49.79	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.58%		
35) Dibromofluoromethane	5.464	113	141803	49.57	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.14%		
50) Toluene-d8	8.695	98	539948	49.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.06%		
62) 4-Bromofluorobenzene	11.122	95	192936	45.78	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.56%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	649	0.56	ug/l	98
10) Methyl Iodide	2.501	142	289	3.36	ug/l #	83
11) Tert butyl alcohol	2.995	59	2979	3.76	ug/l #	73
13) Acrolein	2.282	56	135	0.27	ug/l #	14
16) Acetone	2.416	43	2375	1.47	ug/l	95
20) Methylene Chloride	2.837	84	2301	0.63	ug/l	97
31) Cyclohexane	5.617	56	5323	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20959	4.74	ug/l #	49
38) Carbon Tetrachloride	5.623	117	26498	6.30	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	93923	20.77	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	93923	61.62	ug/l #	12

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

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QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

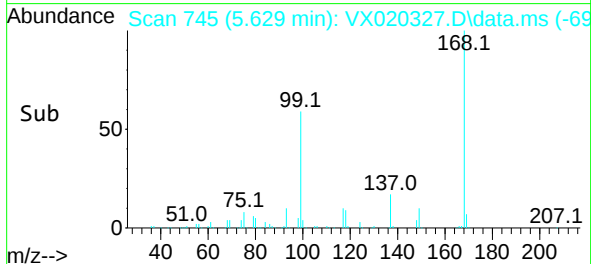
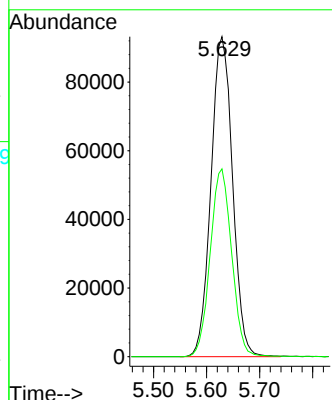
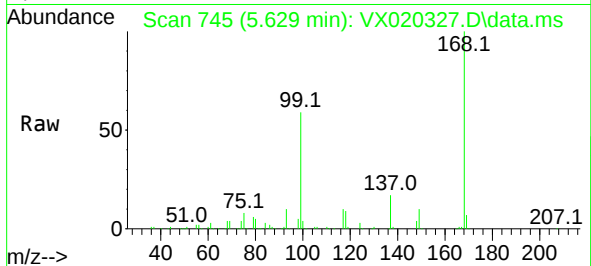




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

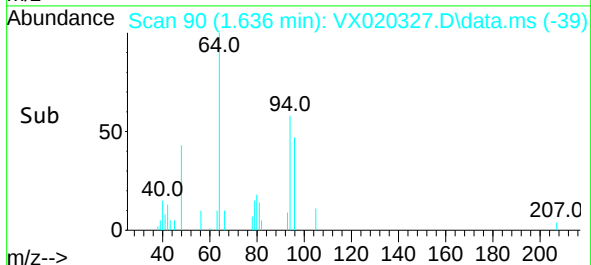
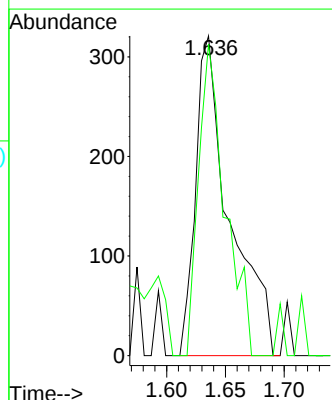
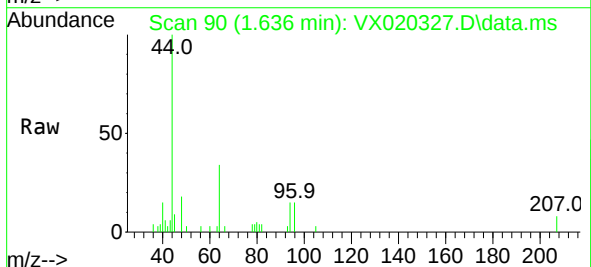
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

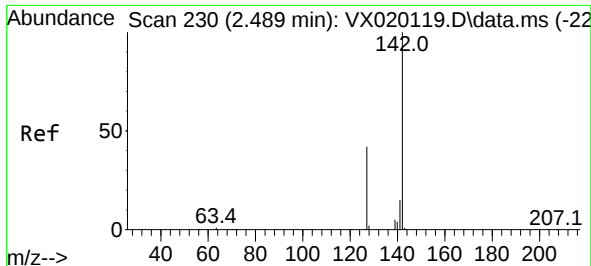
Tgt Ion:168 Resp: 263660
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#5
Bromomethane
Concen: 0.56 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

Tgt Ion: 94 Resp: 649
Ion Ratio Lower Upper
94 100
96 97.5 76.4 114.6

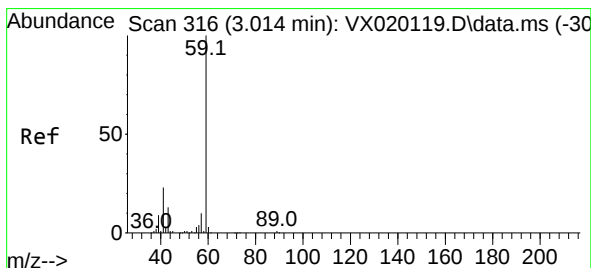
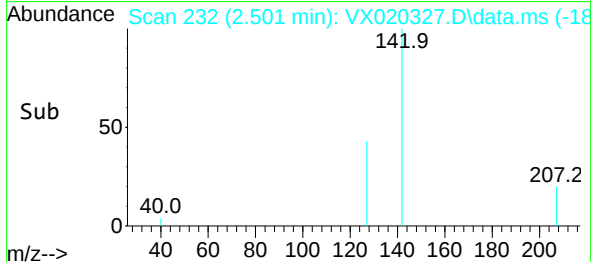
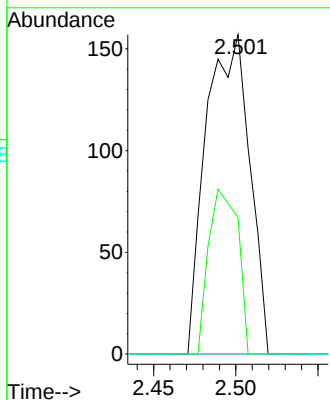
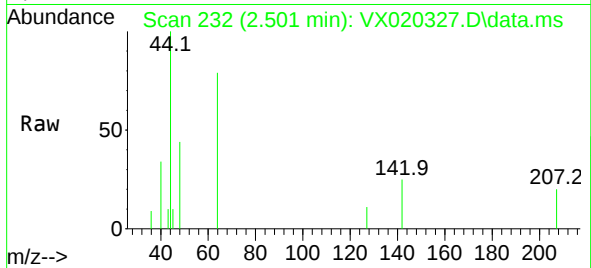




#10
Methyl Iodide
Concen: 3.36 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.012 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

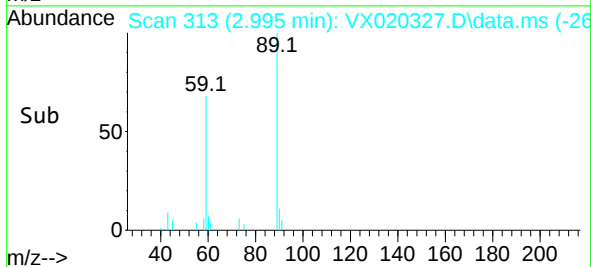
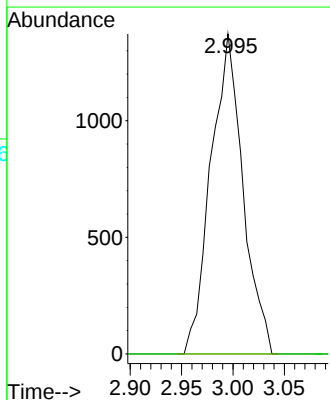
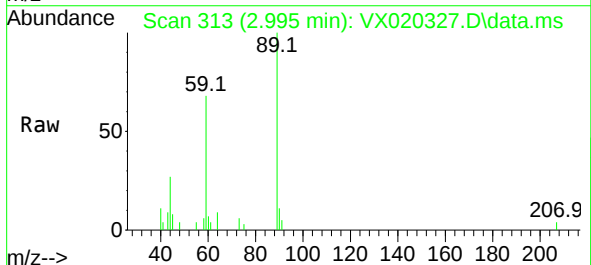
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

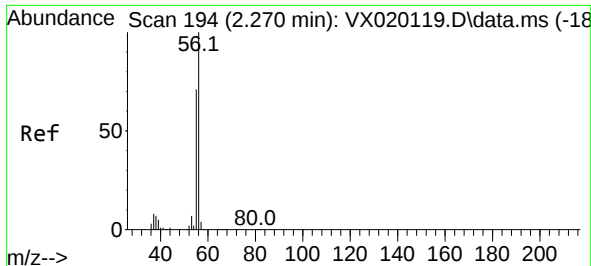
Tgt Ion:142 Resp: 289
Ion Ratio Lower Upper
142 100
127 34.9 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.76 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

Tgt Ion: 59 Resp: 2979
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

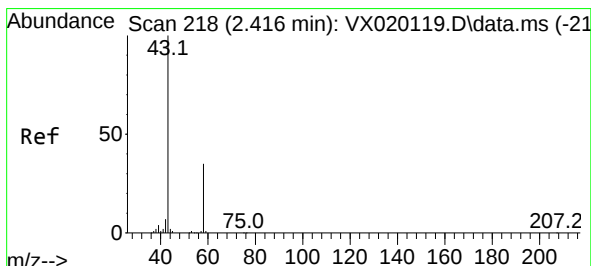
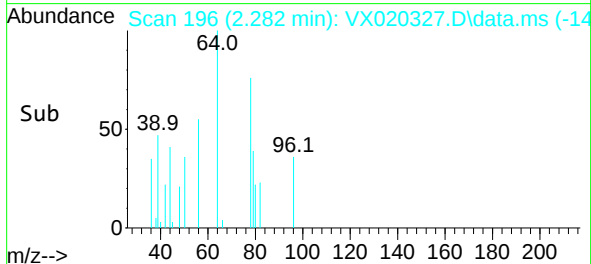
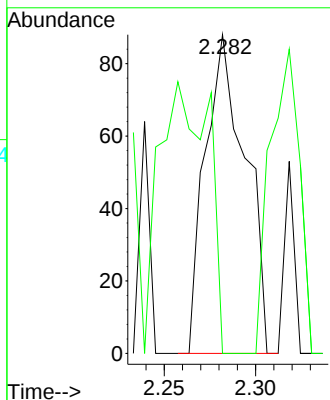
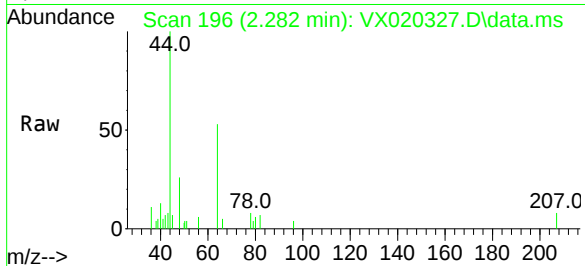




#13
Acrolein
Concen: 0.27 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

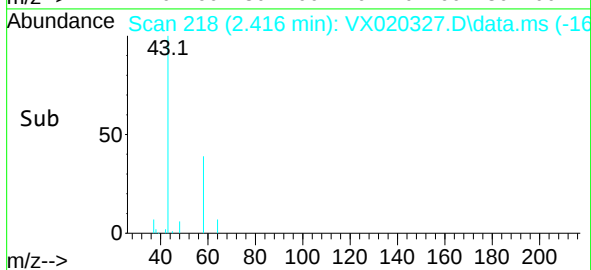
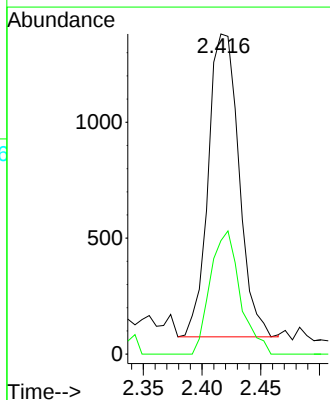
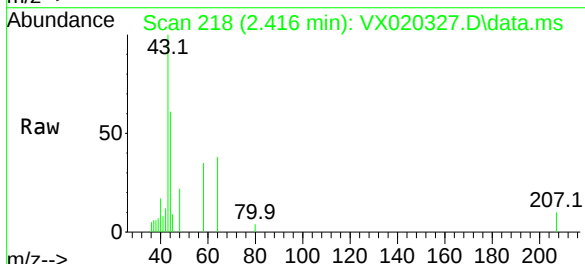
Instrument :
MSVOA_X
ClientSampled :
VX1223MBL01

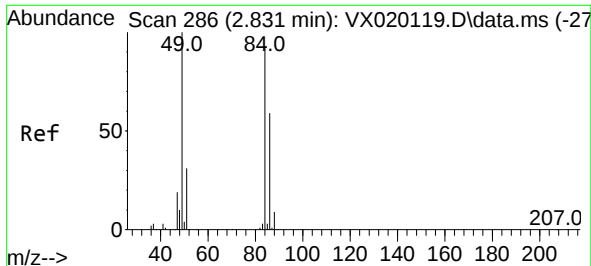
Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.47 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

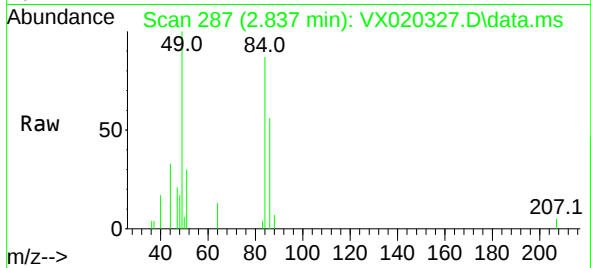
Tgt Ion: 43 Resp: 2375
Ion Ratio Lower Upper
43 100
58 37.4 27.8 41.8



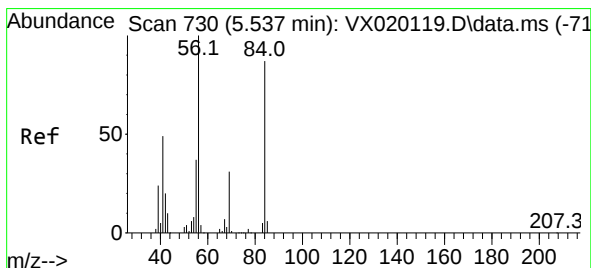
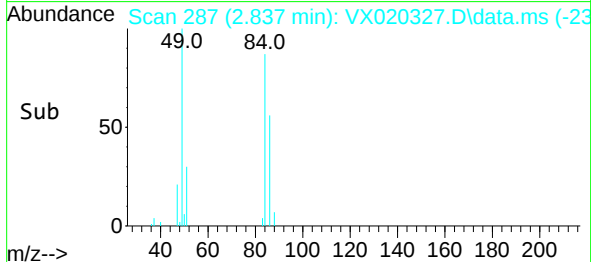
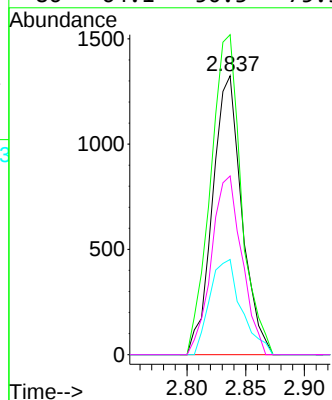


#20
Methylene Chloride
Concen: 0.63 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

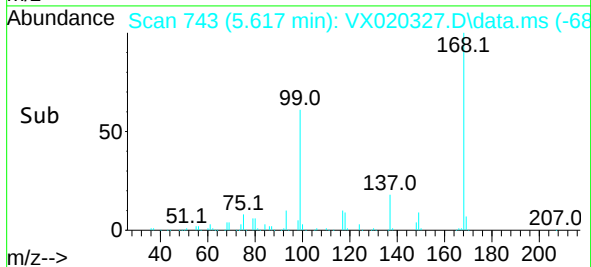
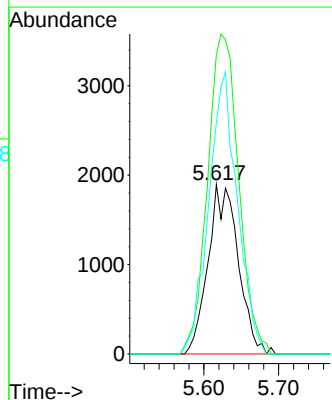
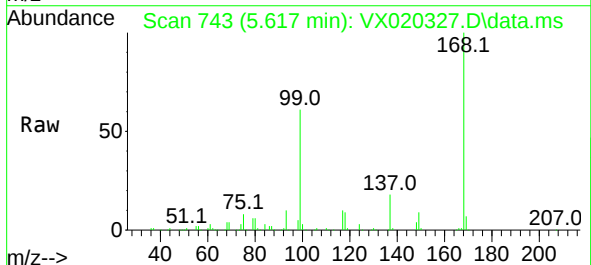


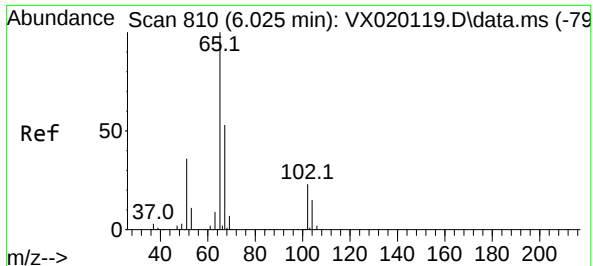
Tgt Ion:	84	Resp:	2301
Ion	Ratio	Lower	Upper
84	100		
49	114.7	88.6	132.8
51	34.1	27.0	40.6
86	64.1	50.3	75.5



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.080 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

Tgt Ion:	56	Resp:	5323
Ion	Ratio	Lower	Upper
56	100		
69	176.4	25.3	37.9#
84	136.2	71.4	107.0#

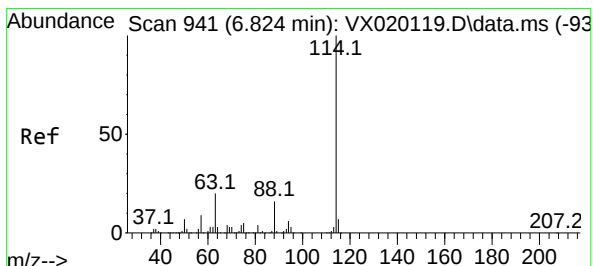
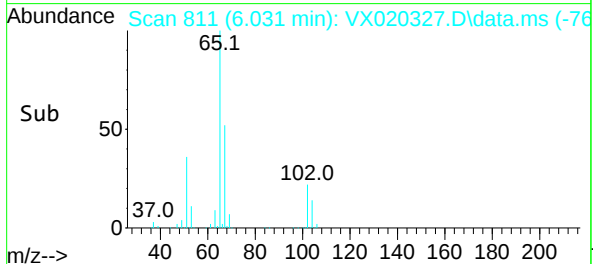
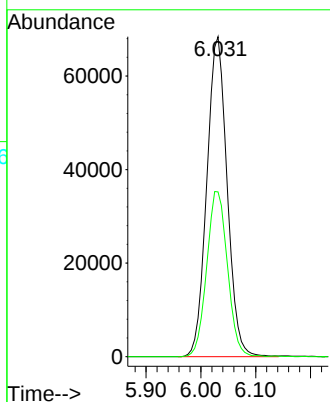
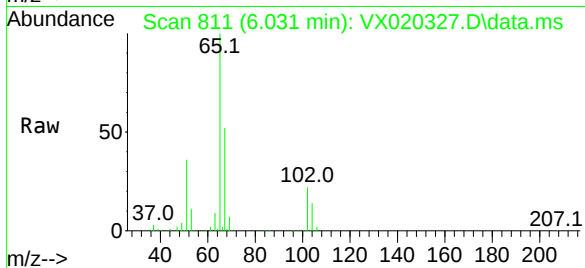




#33
1,2-Dichloroethane-d4
Concen: 49.79 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

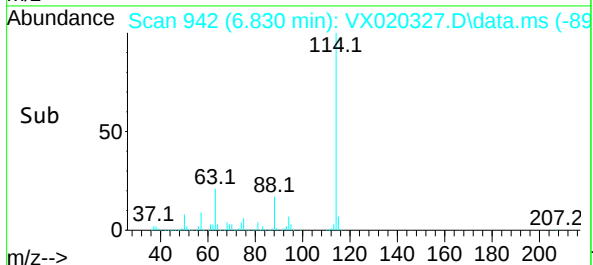
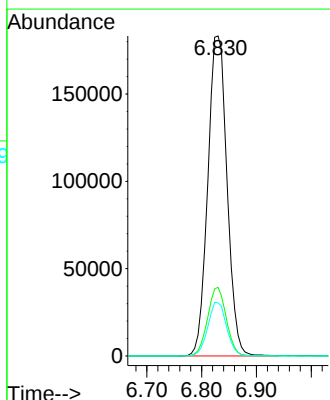
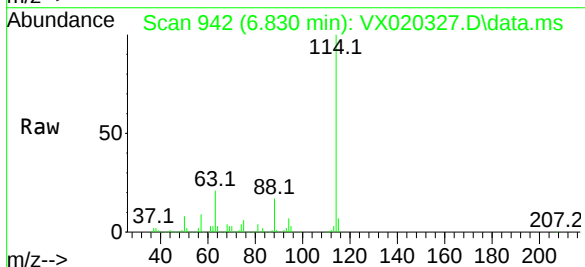
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

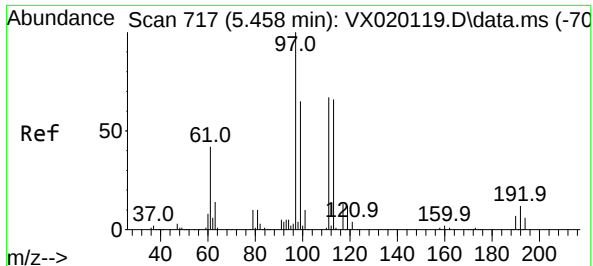
Tgt Ion: 65 Resp: 175956
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

Tgt Ion: 114 Resp: 447193
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 16.6 0.0 32.8

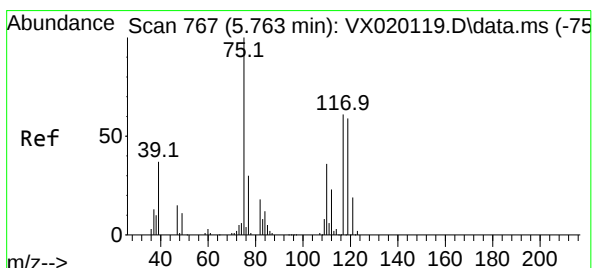
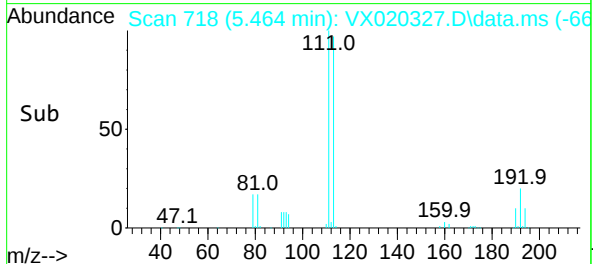
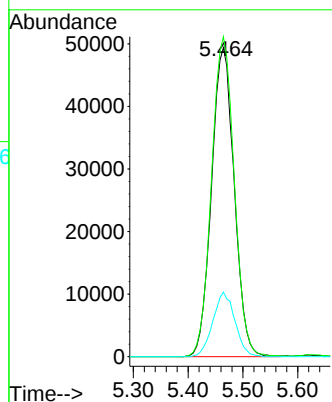
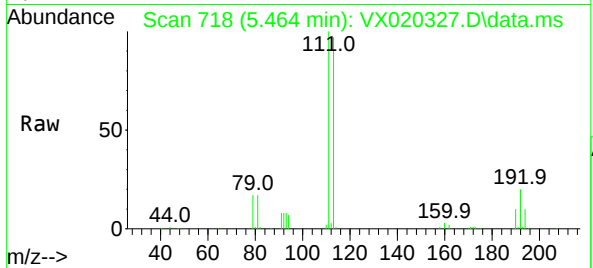




#35
Dibromofluoromethane
Concen: 49.57 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

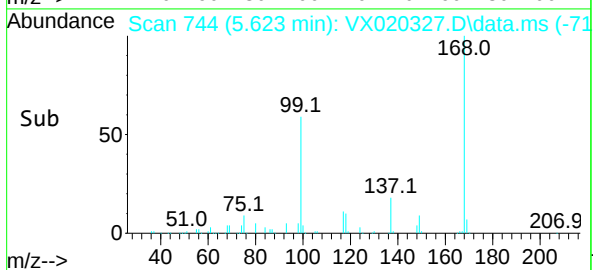
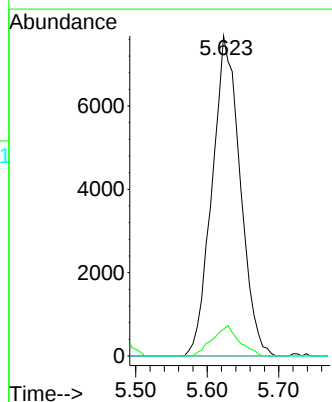
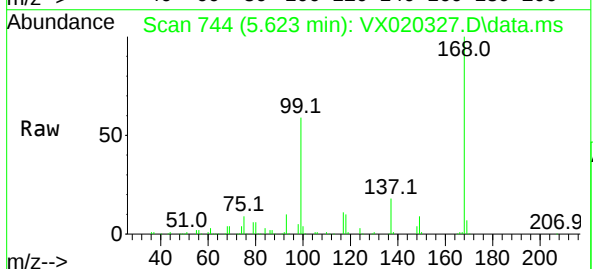
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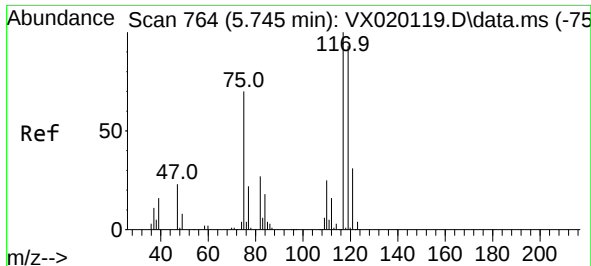
Tgt Ion:113 Resp: 141803
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 20.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

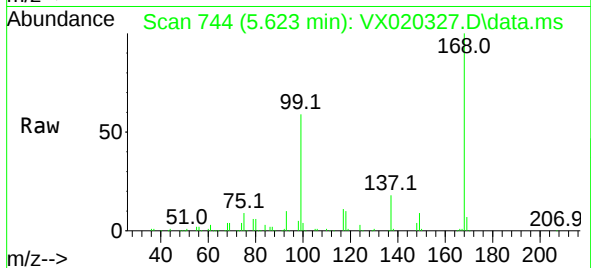
Tgt Ion: 75 Resp: 20959
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



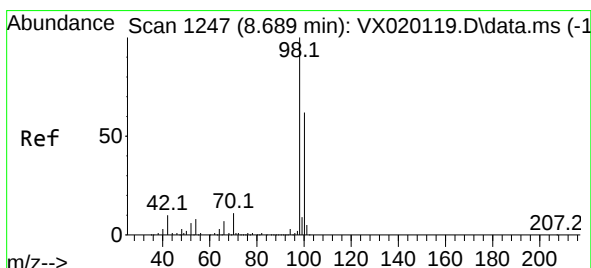
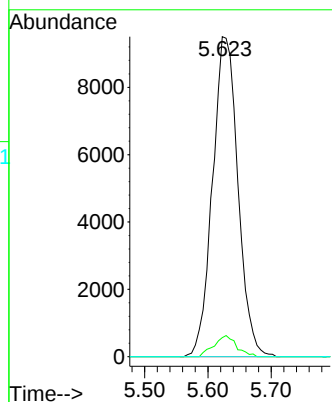
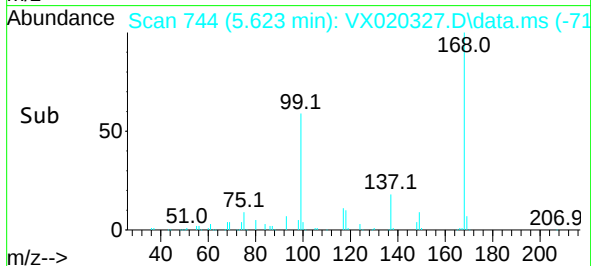


#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

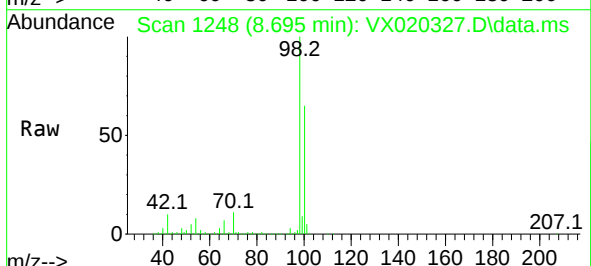
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01



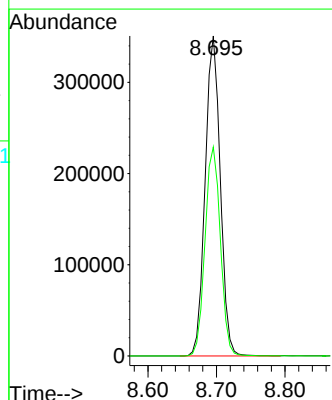
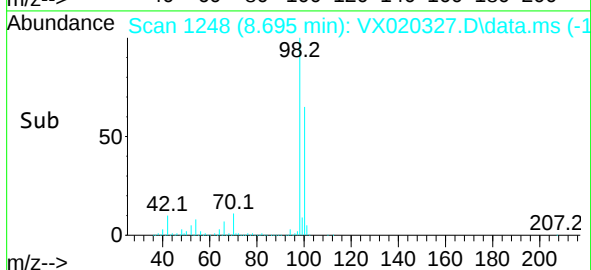
Tgt Ion:117 Resp: 26498
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

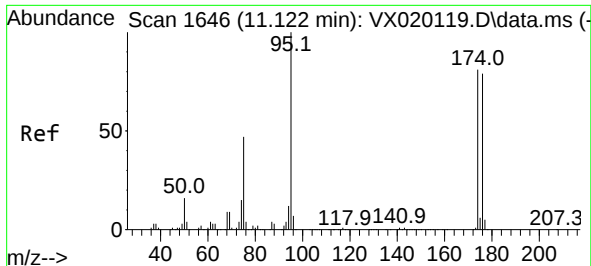


#50
Toluene-d8
Concen: 49.03 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13



Tgt Ion: 98 Resp: 539948
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

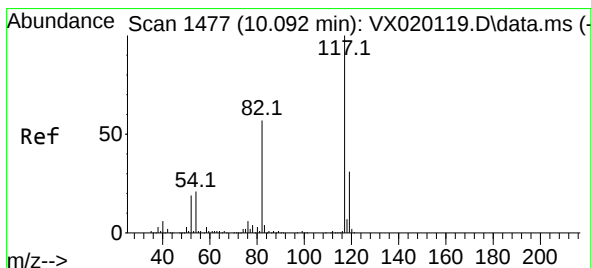
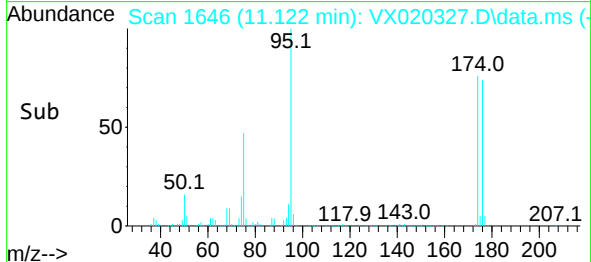
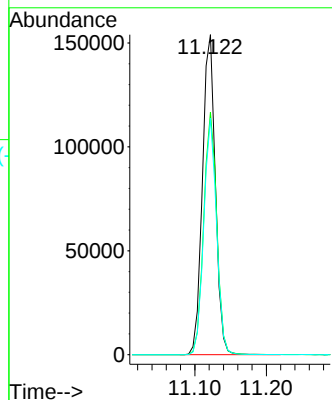
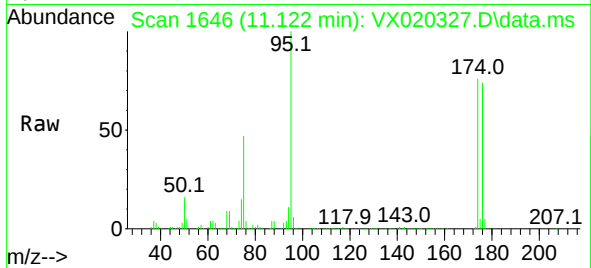




#62
4-Bromofluorobenzene
Concen: 45.78 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

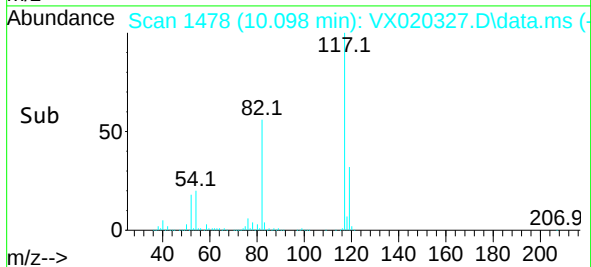
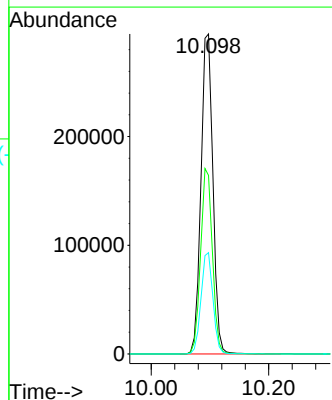
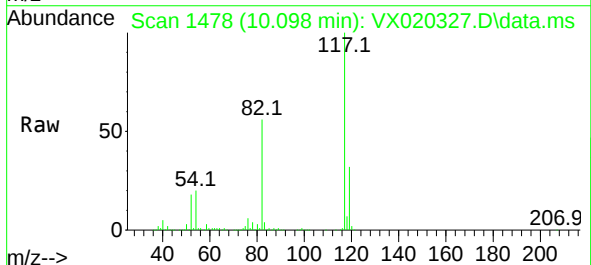
Instrument :
MSVOA_X
ClientSampleId :
VX1223MBL01

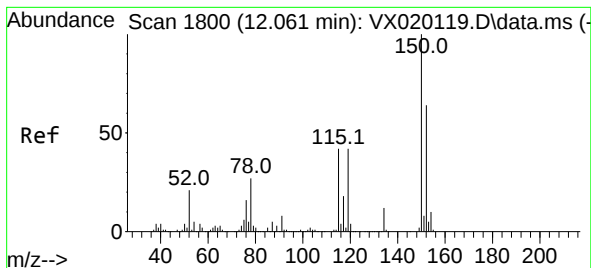
Tgt Ion: 95 Resp: 192936
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 73.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020327.D
Acq: 23 Dec 2020 01:13

Tgt Ion: 117 Resp: 415575
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 31.6 26.6 39.8

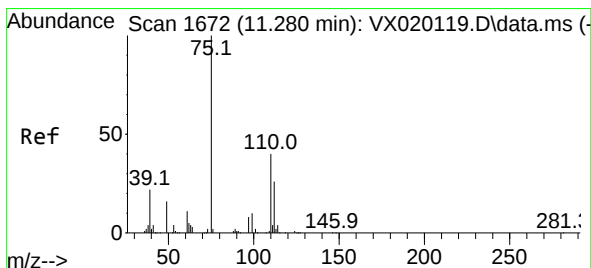
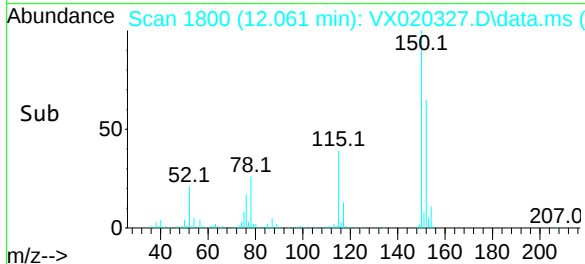
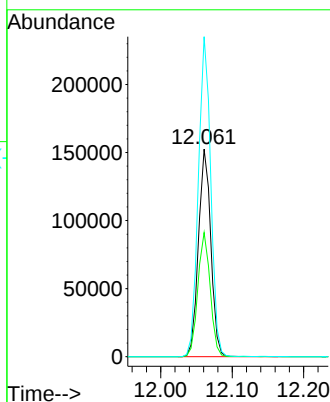
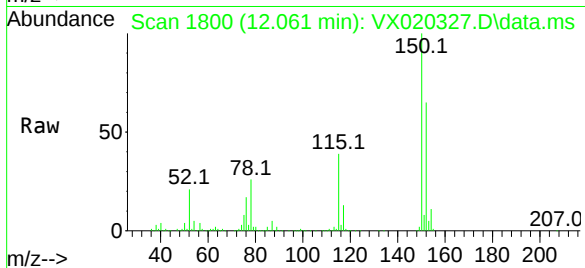




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020327.D
 Acq: 23 Dec 2020 01:13

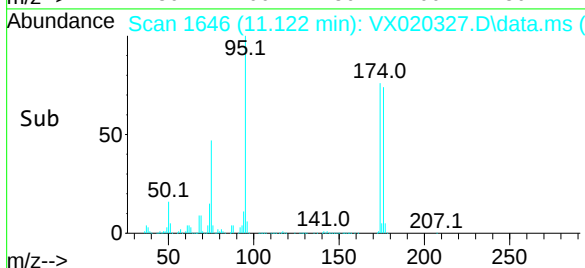
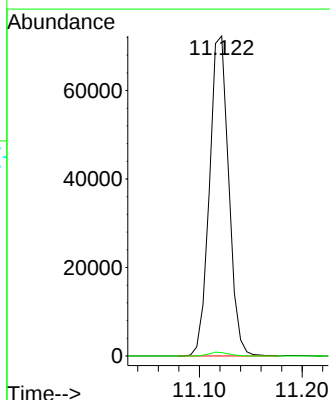
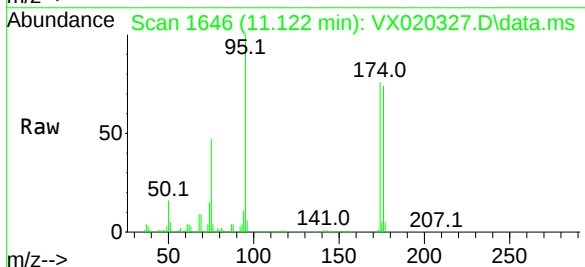
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223MBL01

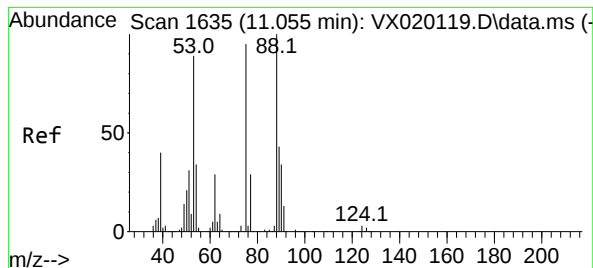
Tgt Ion:152 Resp: 183594
 Ion Ratio Lower Upper
 152 100
 115 59.3 41.1 123.3
 150 153.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 20.77 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.158 min
 Lab File: VX020327.D
 Acq: 23 Dec 2020 01:13

Tgt Ion: 75 Resp: 93923
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 61.62 ug/l

RT: 11.122 min Scan# 1646

Delta R.T. 0.067 min

Lab File: VX020327.D

Acq: 23 Dec 2020 01:13

Tgt Ion: 75 Resp: 93923

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

Instrument :

MSVOA_X

ClientSampleId :

VX1223MBL01

