

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020241.D
 Acq On : 21 Dec 2020 11:46
 Operator : JC/MD
 Sample : L5094-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-PZ005(SBR)-121320

Quant Time: Dec 22 01:30:47 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)

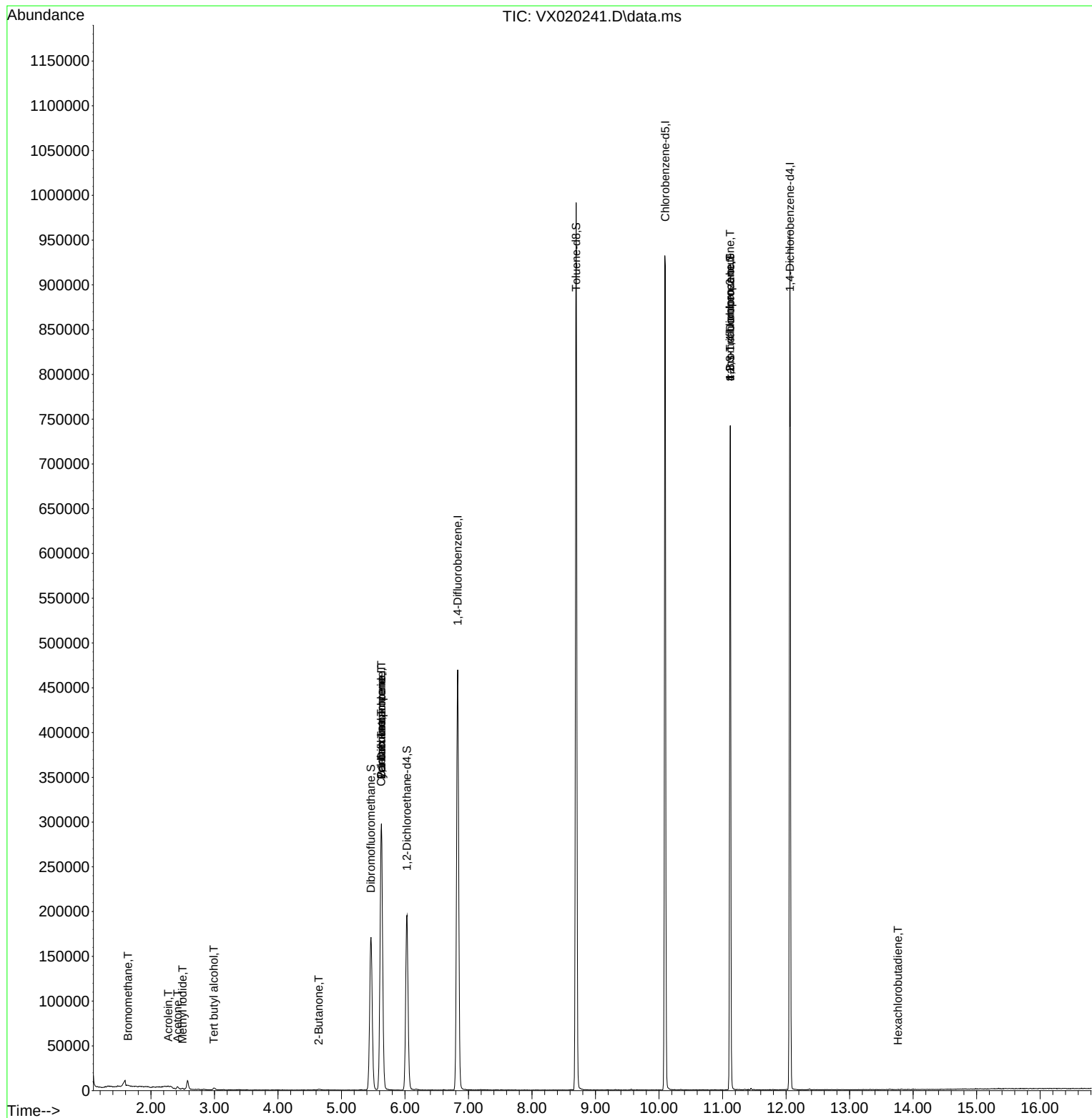
Internal Standards						
1) Pentafluorobenzene	5.629	168	286025	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	476408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	441575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	191499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	186980	48.77	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.54%
35) Dibromofluoromethane	5.464	113	150083	49.25	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.50%
50) Toluene-d8	8.695	98	579261	49.38	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.76%
62) 4-Bromofluorobenzene	11.122	95	204755	45.60	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.20%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	866	0.69	ug/l	97
10) Methyl Iodide	2.495	142	1048	3.54	ug/l	92
11) Tert butyl alcohol	2.989	59	1536	1.79	ug/l #	73
13) Acrolein	2.270	56	171	0.32	ug/l #	12
16) Acetone	2.416	43	2844	1.63	ug/l	88
25) 2-Butanone	4.641	43	510	0.20	ug/l #	45
31) Cyclohexane	5.623	56	5537	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22469	4.77	ug/l #	49
38) Carbon Tetrachloride	5.629	117	28003	6.25	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	98992	20.99	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	98992	62.26	ug/l #	12
94) Hexachlorobutadiene	13.762	225	59	2.68	ug/l #	41

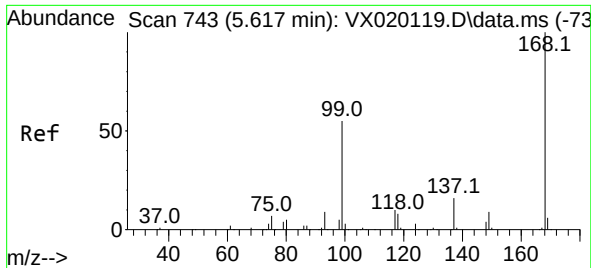
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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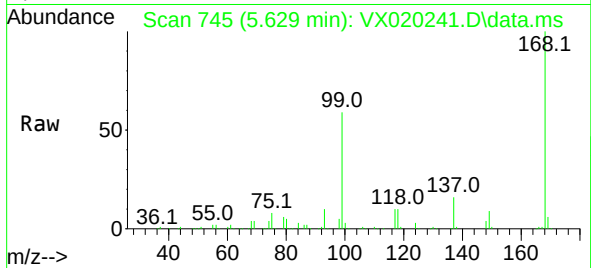
Quant Time: Dec 22 01:30:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
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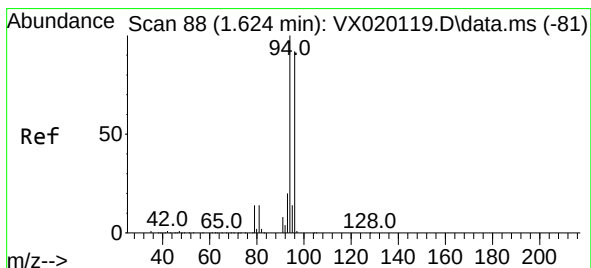
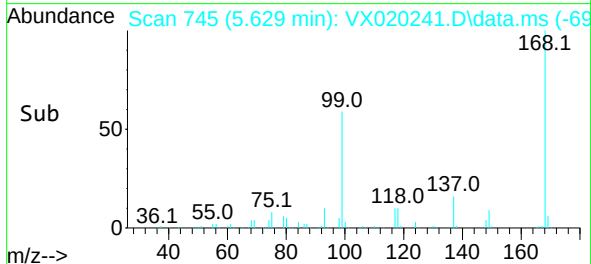
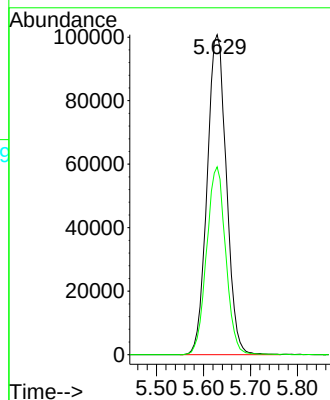


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
49-PZ005(SBR)-121320

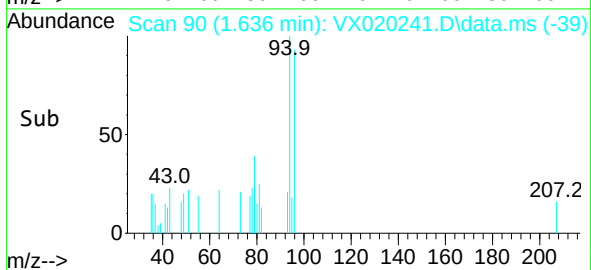
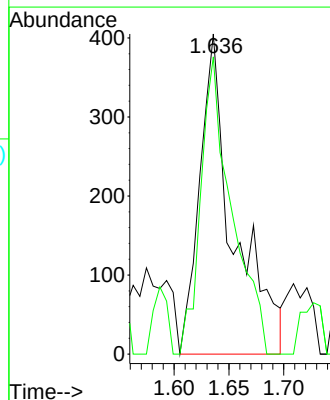
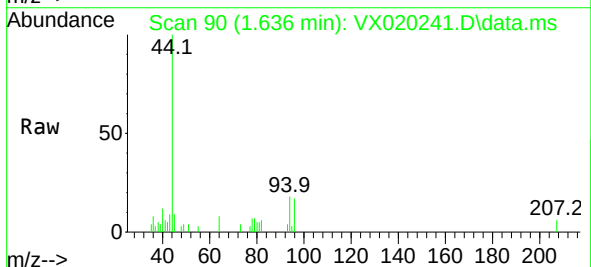


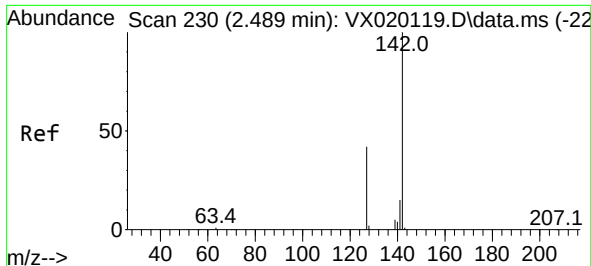
Tgt Ion:168 Resp: 286025
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#5
Bromomethane
Concen: 0.69 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

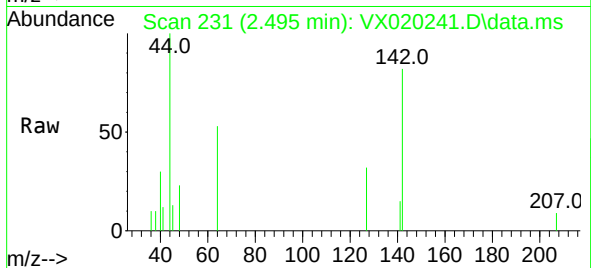
Tgt Ion: 94 Resp: 866
Ion Ratio Lower Upper
94 100
96 92.8 76.4 114.6



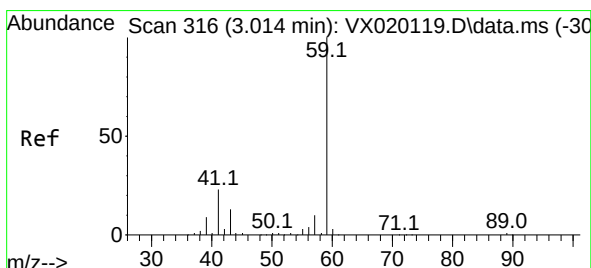
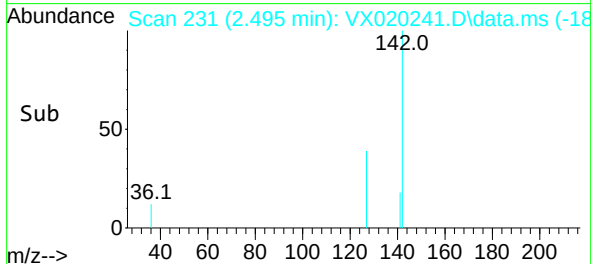
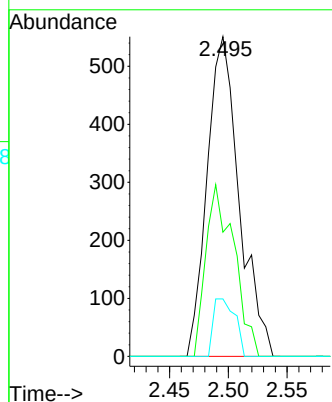


#10
Methyl Iodide
Concen: 3.54 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
49-PZ005(SBR)-121320

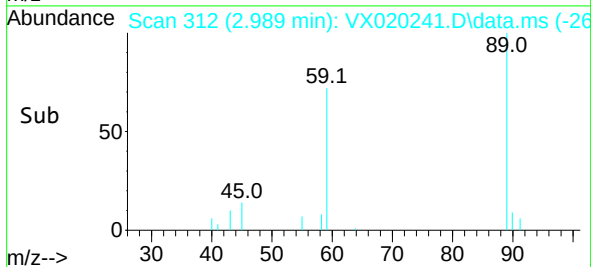
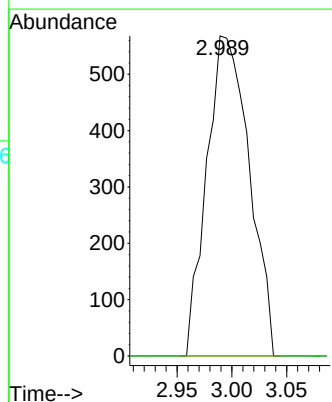
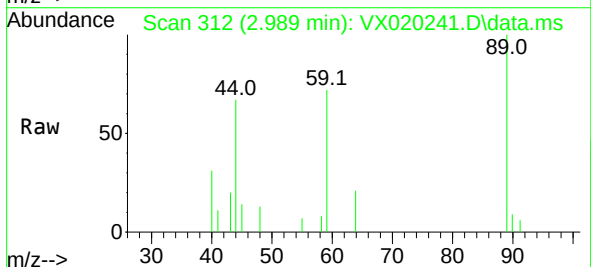


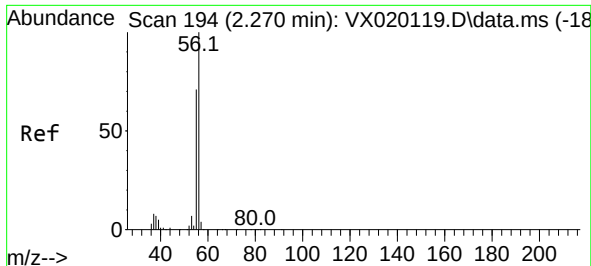
Tgt Ion:142 Resp: 1048
Ion Ratio Lower Upper
142 100
127 47.0 33.3 49.9
141 12.1 11.4 17.0



#11
Tert butyl alcohol
Concen: 1.79 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

Tgt Ion: 59 Resp: 1536
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

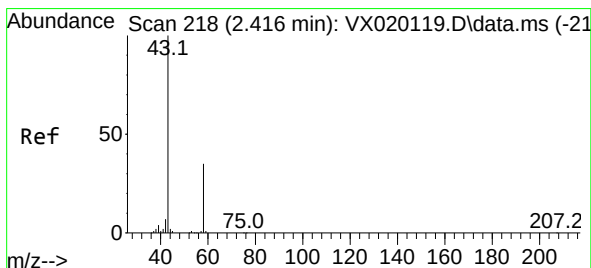
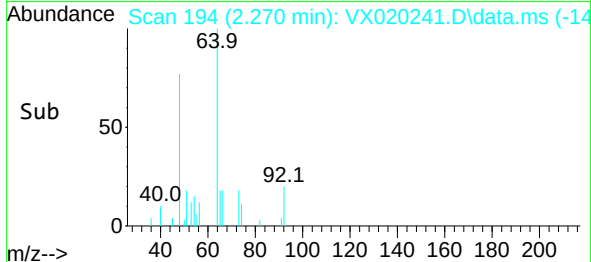
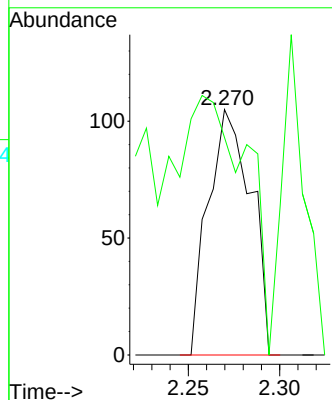
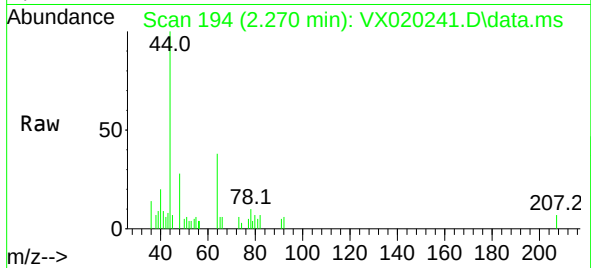




#13
Acrolein
Concen: 0.32 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

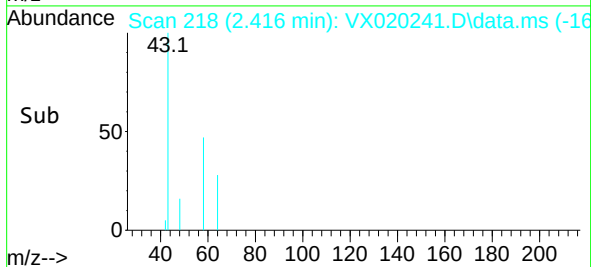
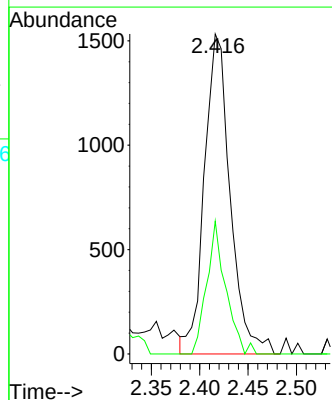
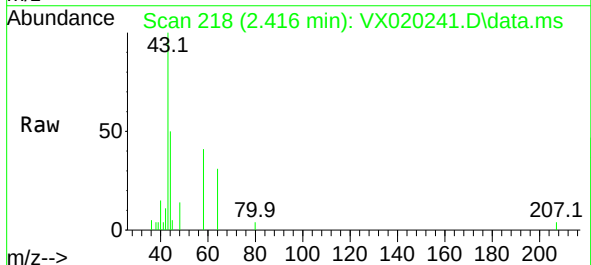
Instrument :
MSVOA_X
ClientSampleId :
49-PZ005(SBR)-121320

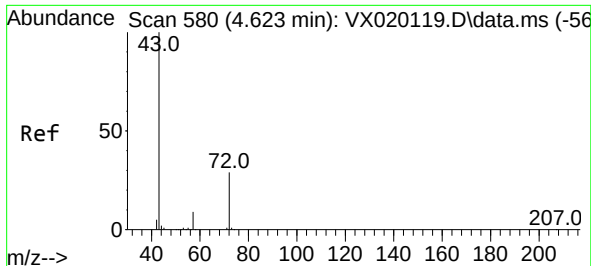
Tgt Ion: 56 Resp: 171
Ion Ratio Lower Upper
56 100
55 142.7 56.4 84.6#



#16
Acetone
Concen: 1.63 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

Tgt Ion: 43 Resp: 2844
Ion Ratio Lower Upper
43 100
58 41.5 27.8 41.8

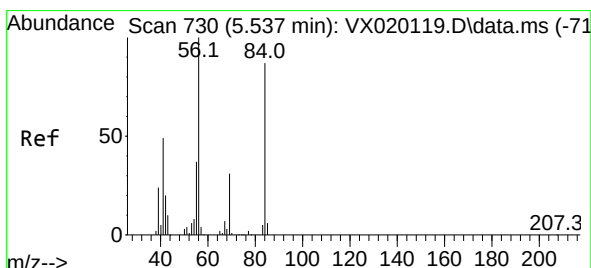
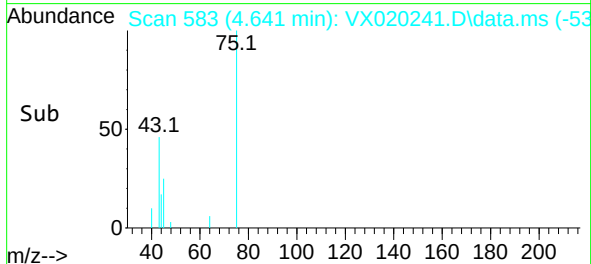
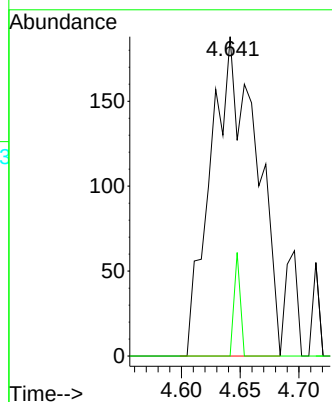
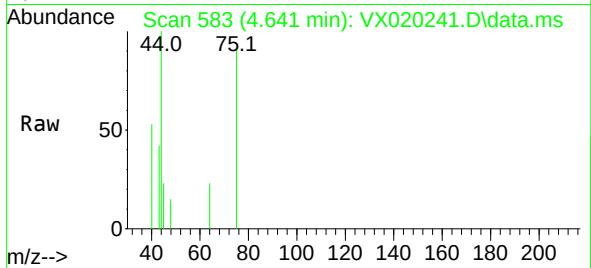




#25
2-Butanone
Concen: 0.20 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

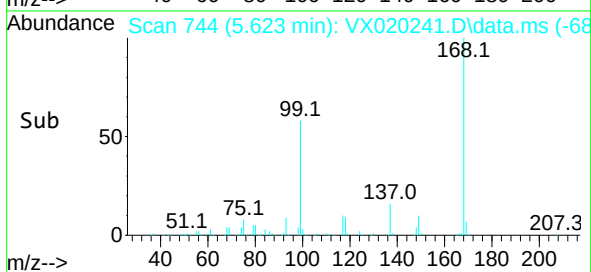
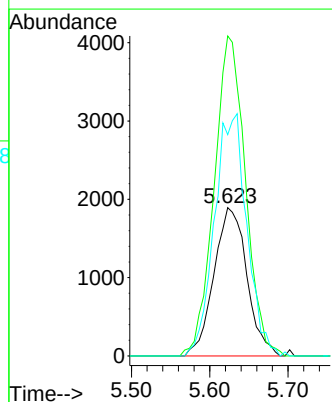
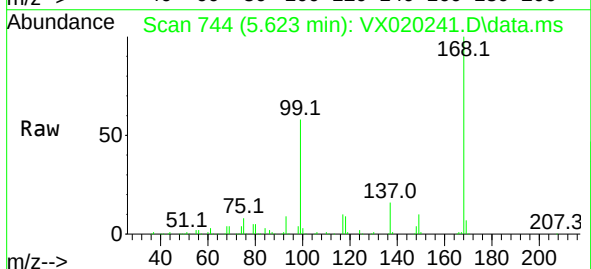
Instrument :
MSVOA_X
ClientSampleId :
49-PZ005(SBR)-121320

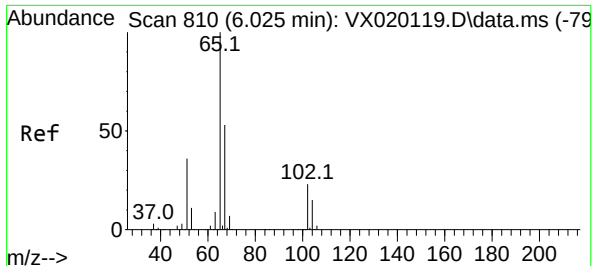
Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

Tgt Ion: 56 Resp: 5537
Ion Ratio Lower Upper
56 100
69 215.7 25.3 37.9#
84 149.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.77 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020241.D

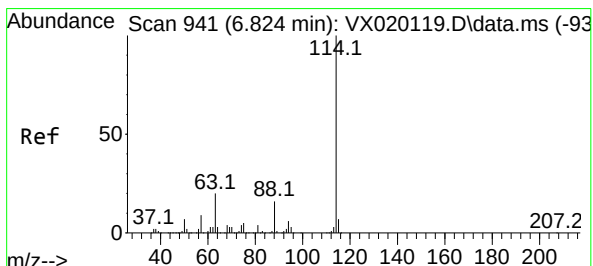
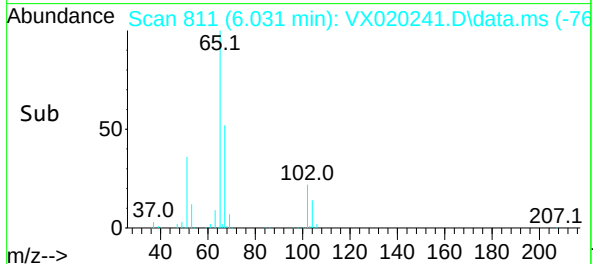
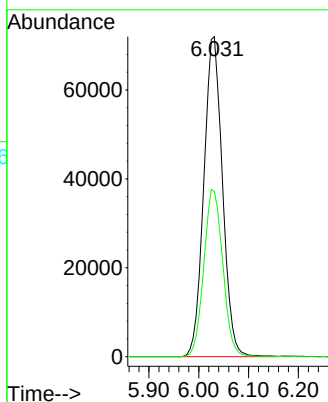
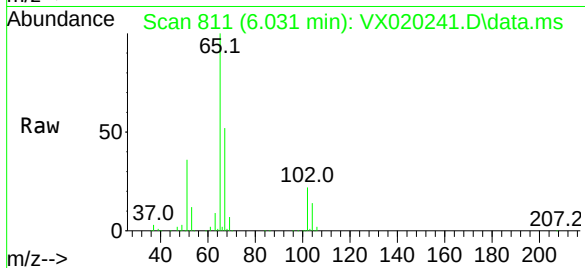
Acq: 21 Dec 2020 11:46

Tgt Ion: 65 Resp: 186980

Ion Ratio Lower Upper

65 100

67 53.1 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: VX020241.D

Acq: 21 Dec 2020 11:46

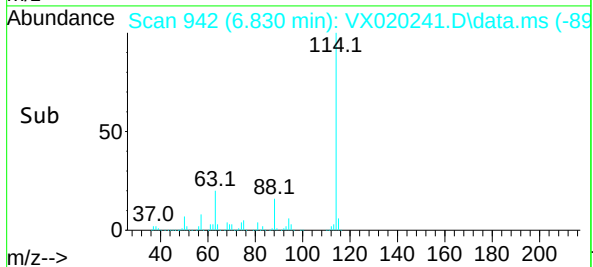
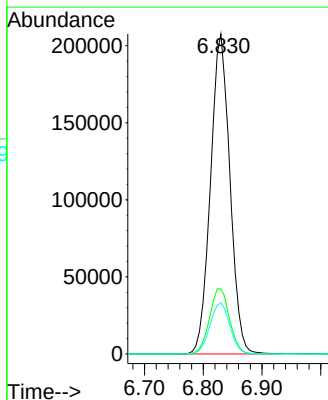
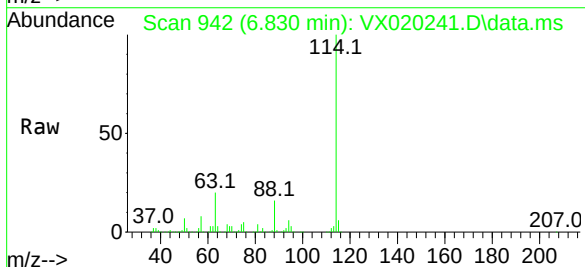
Tgt Ion: 114 Resp: 476408

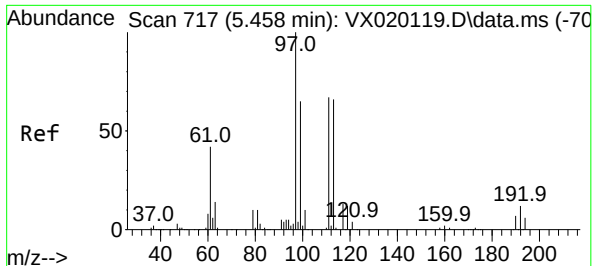
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

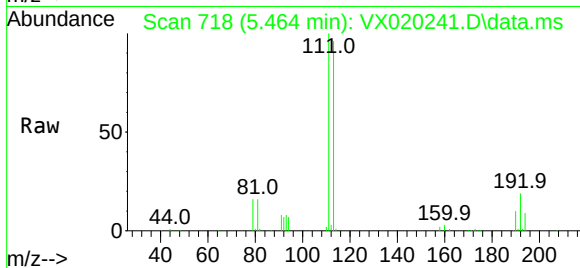
88 15.9 0.0 32.8



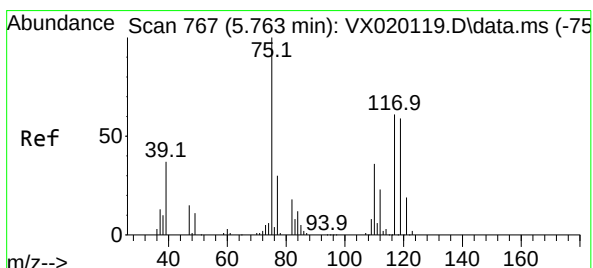
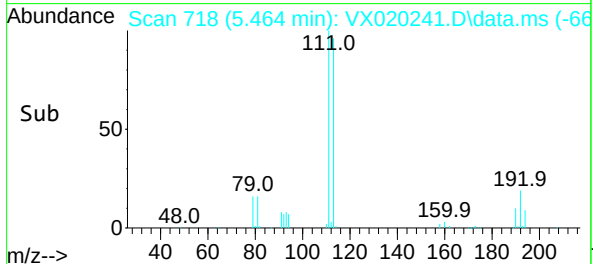
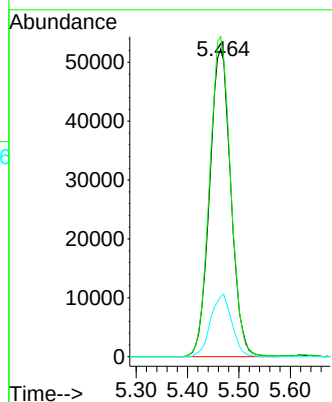


#35
Dibromofluoromethane
Concen: 49.25 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

Instrument :
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49-PZ005(SBR)-121320

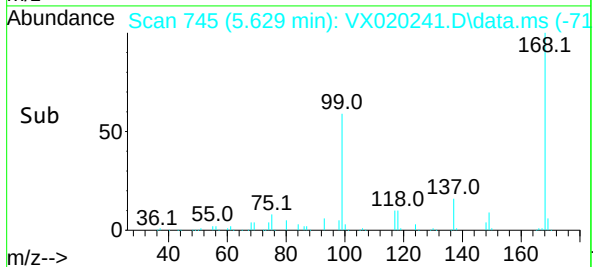
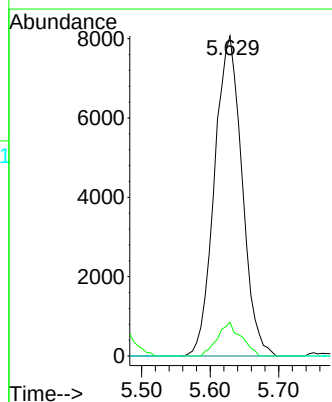
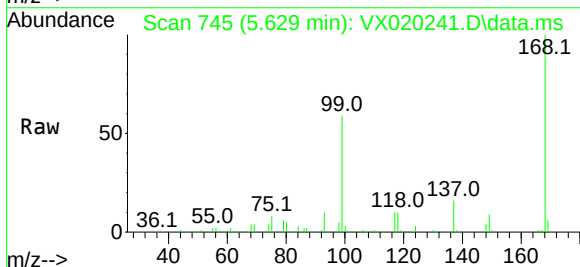


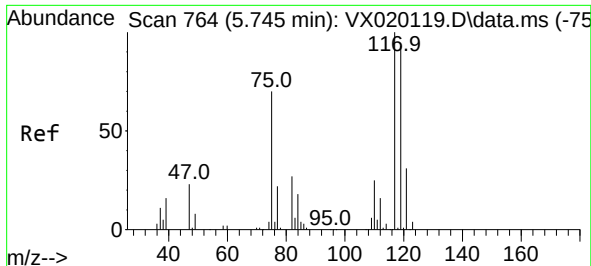
Tgt Ion:113 Resp: 150083
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

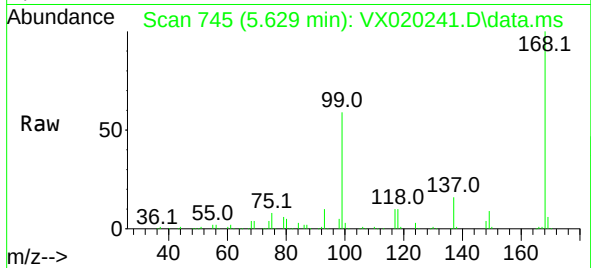
Tgt Ion: 75 Resp: 22469
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



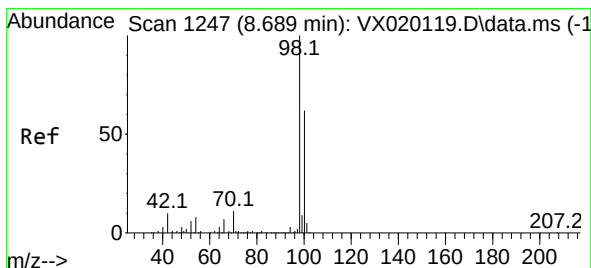
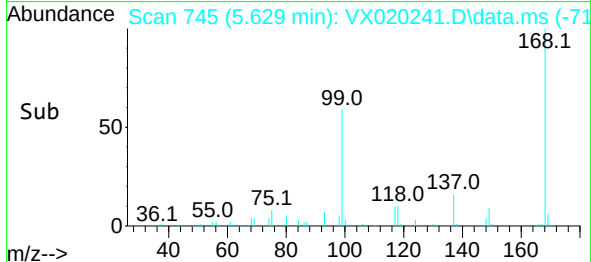
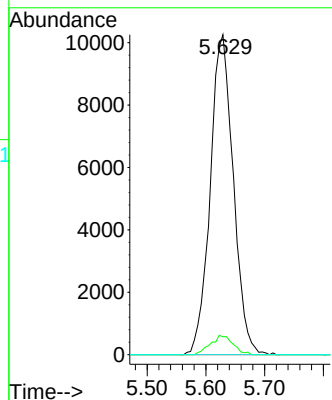


#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
49-PZ005(SBR)-121320

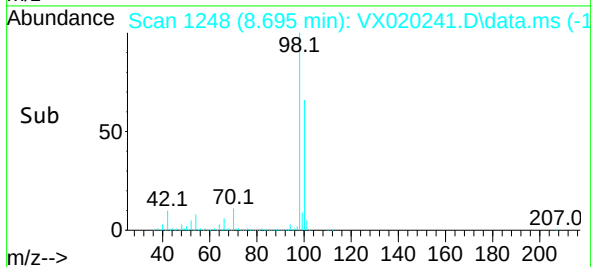
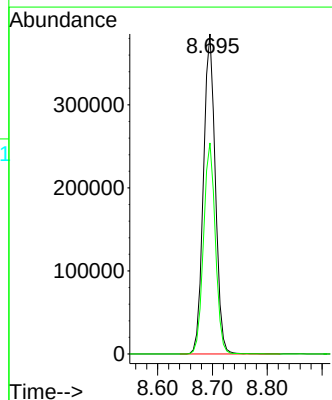
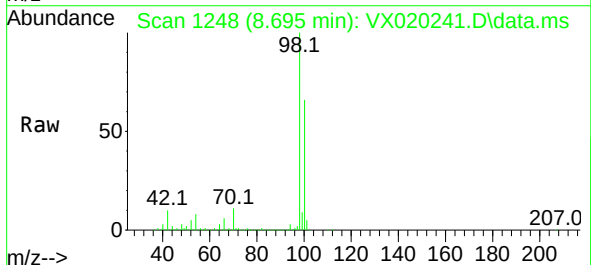


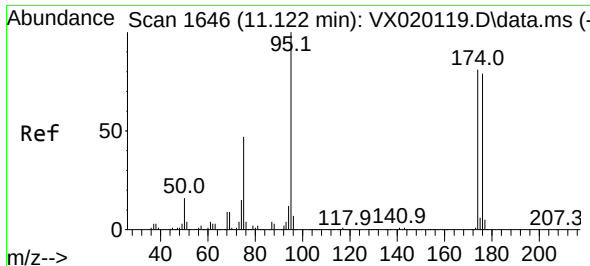
Tgt Ion:117 Resp: 28003
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.38 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

Tgt Ion: 98 Resp: 579261
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

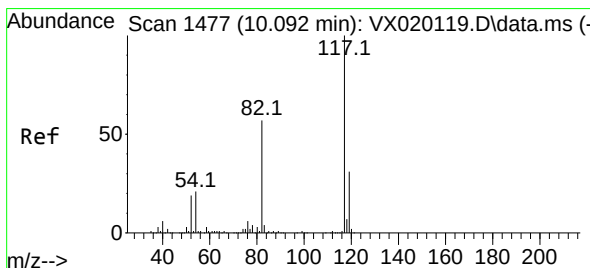
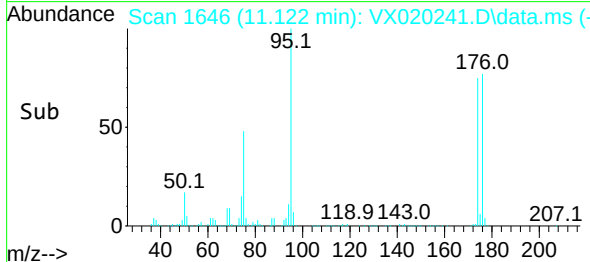
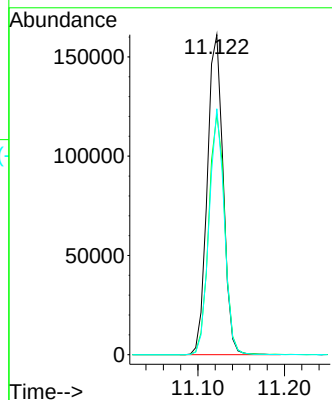
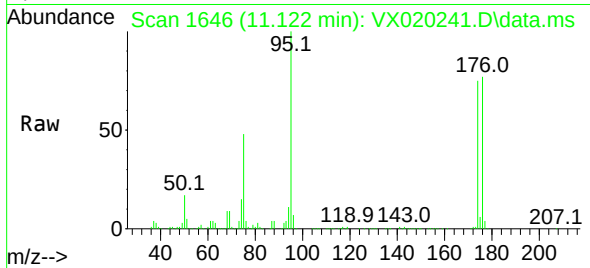




#62
4-Bromofluorobenzene
Concen: 45.60 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

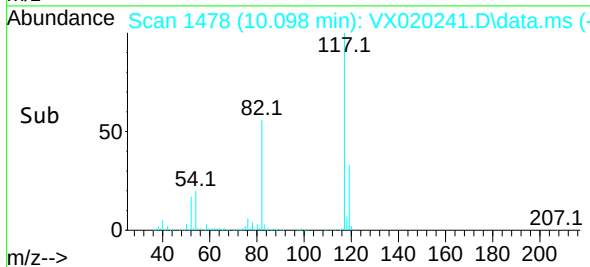
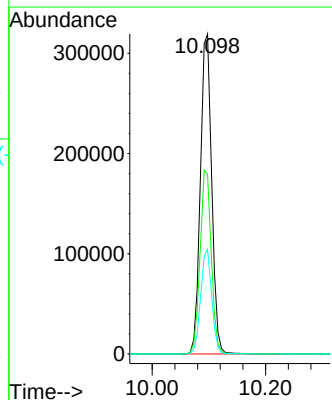
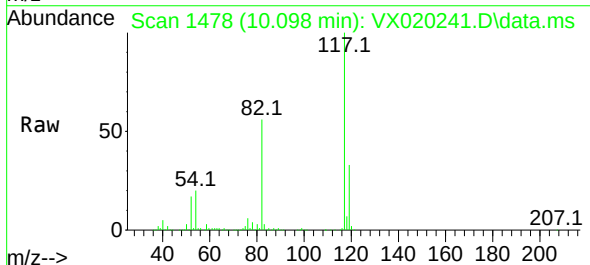
Instrument :
MSVOA_X
ClientSampleId :
49-PZ005(SBR)-121320

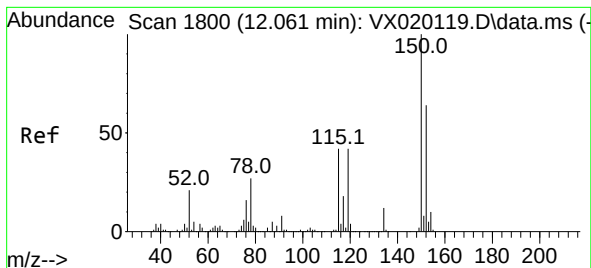
Tgt Ion: 95 Resp: 204755
Ion Ratio Lower Upper
95 100
174 75.3 0.0 154.6
176 73.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

Tgt Ion: 117 Resp: 441575
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 32.6 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: VX020241.D

Acq: 21 Dec 2020 11:46

Tgt Ion:152 Resp: 191499

Ion Ratio Lower Upper

152 100

115 60.2 41.1 123.3

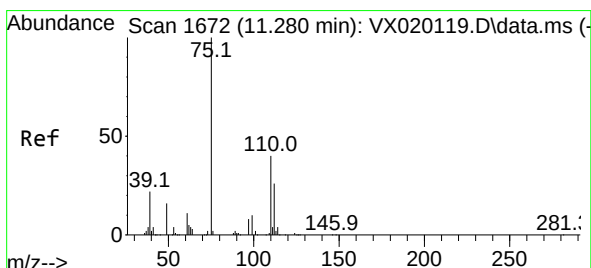
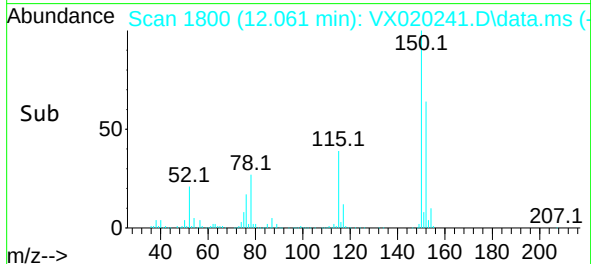
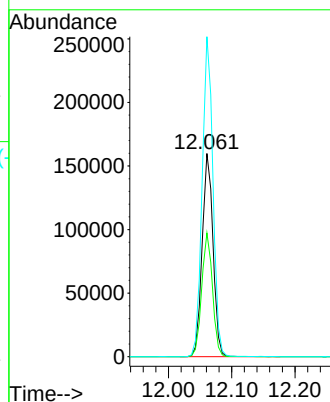
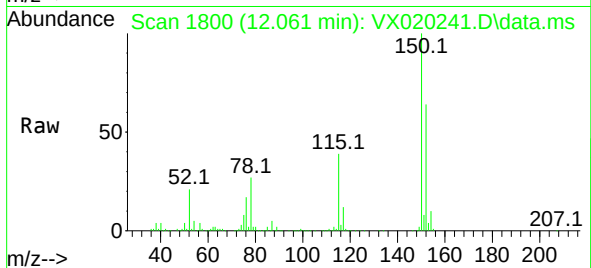
150 156.0 0.0 349.0

Instrument :

MSVOA_X

ClientSampleId :

49-PZ005(SBR)-121320



#76

1,2,3-Trichloropropane

Concen: 20.99 ug/l

RT: 11.122 min Scan# 1646

Delta R.T. -0.158 min

Lab File: VX020241.D

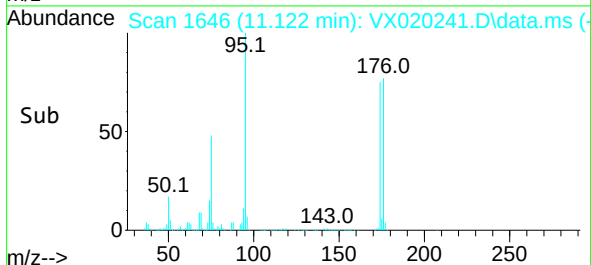
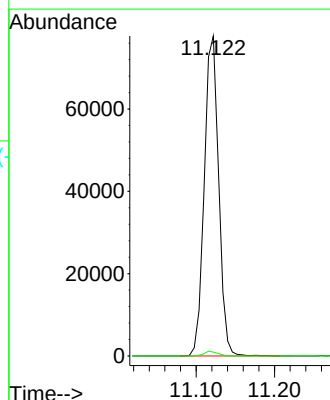
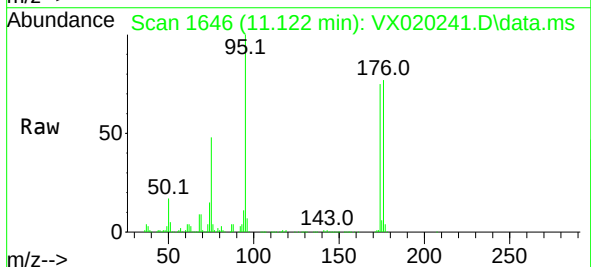
Acq: 21 Dec 2020 11:46

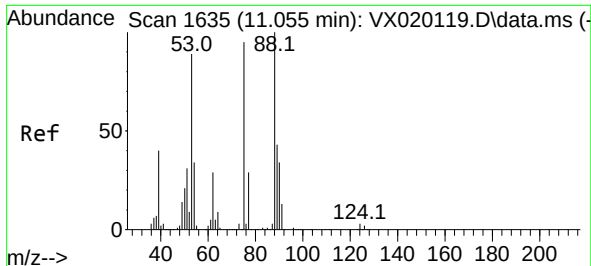
Tgt Ion: 75 Resp: 98992

Ion Ratio Lower Upper

75 100

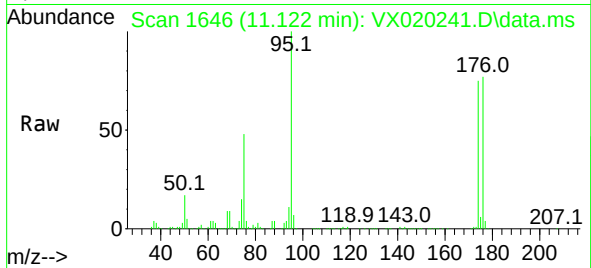
77 1.4 19.1 57.5#



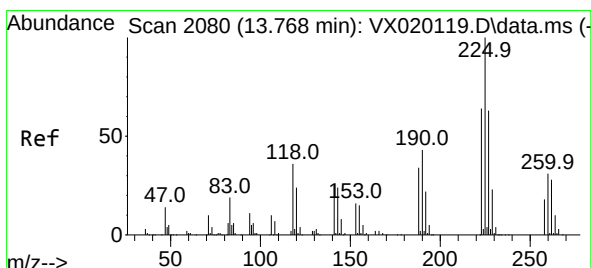
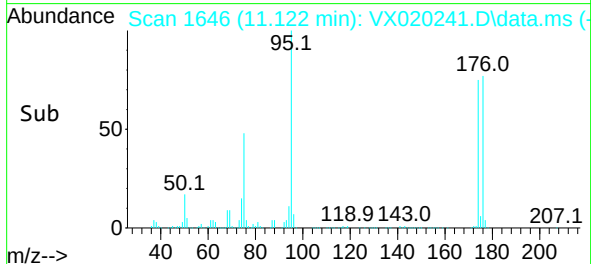
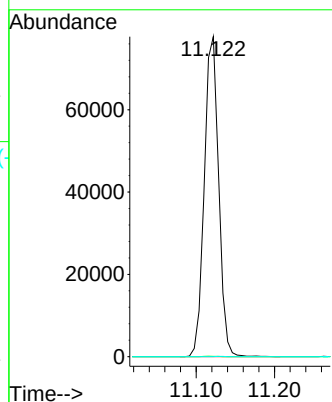


#81
trans-1,4-Dichloro-2-butene
Concen: 62.26 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
49-PZ005(SBR)-121320



Tgt Ion: 75 Resp: 98992
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.68 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020241.D
Acq: 21 Dec 2020 11:46

Tgt Ion: 225 Resp: 59
Ion Ratio Lower Upper
225 100
223 89.8 31.1 93.2
227 0.0 31.6 95.0#

