

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020197.D
 Acq On : 20 Dec 2020 02:04
 Operator : JC/MD
 Sample : L5095-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-TB-121420

Quant Time: Dec 21 02:41:57 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)

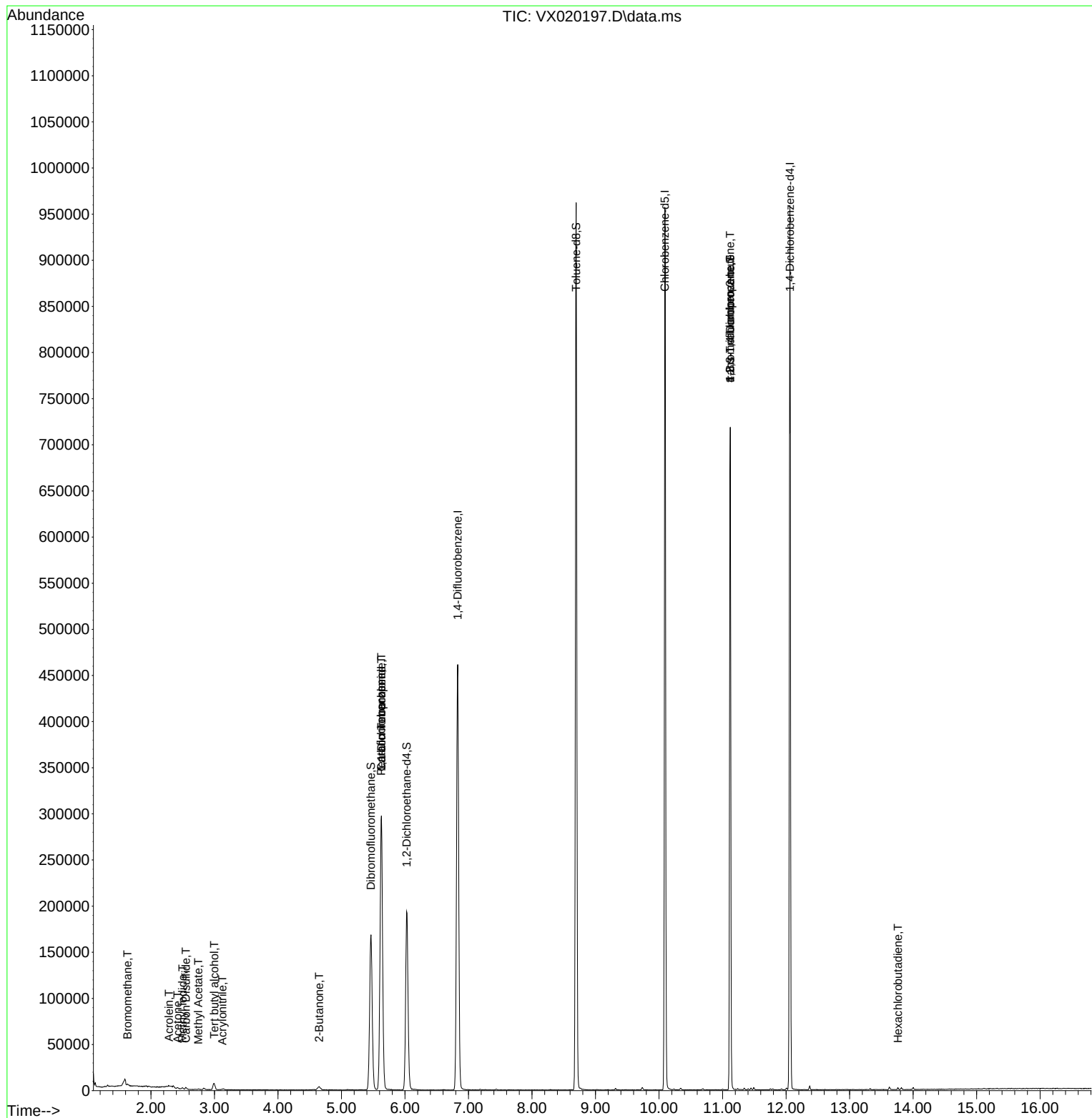
Internal Standards						
1) Pentafluorobenzene	5.623	168	278115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	468656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	436775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	188619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	183856	49.32	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.64%
35) Dibromofluoromethane	5.464	113	148048	49.38	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.76%
50) Toluene-d8	8.695	98	575419	49.86	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.72%
62) 4-Bromofluorobenzene	11.122	95	204411	46.28	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.56%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	1135	0.93	ug/l	83
10) Methyl Iodide	2.495	142	1486	3.66	ug/l	97
11) Tert butyl alcohol	2.995	59	4313	5.17	ug/l #	73
13) Acrolein	2.282	56	280	0.54	ug/l #	49
15) Acrylonitrile	3.123	53	460	0.24	ug/l #	93
16) Acetone	2.416	43	1442	0.85	ug/l	99
17) Carbon Disulfide	2.550	76	2125	0.25	ug/l	99
18) Methyl Acetate	2.745	43	783	0.21	ug/l #	75
25) 2-Butanone	4.647	43	499	0.20	ug/l #	45
36) 1,1-Dichloropropene	5.629	75	22217	4.80	ug/l #	48
38) Carbon Tetrachloride	5.629	117	27437	6.23	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	98095	21.11	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	98095	62.64	ug/l #	12
94) Hexachlorobutadiene	13.762	225	396	2.86	ug/l	94

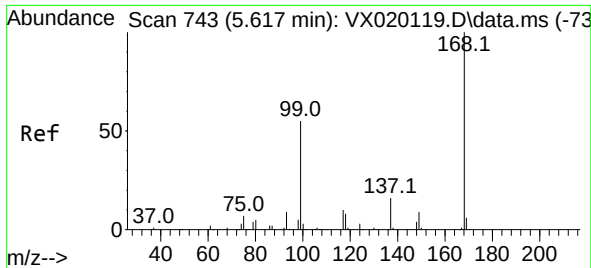
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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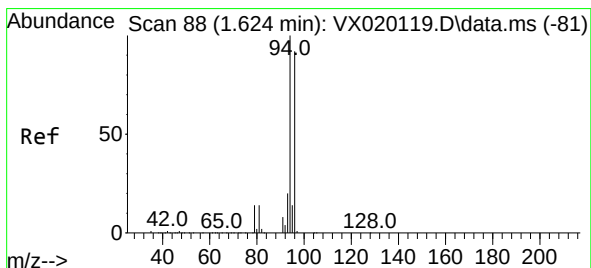
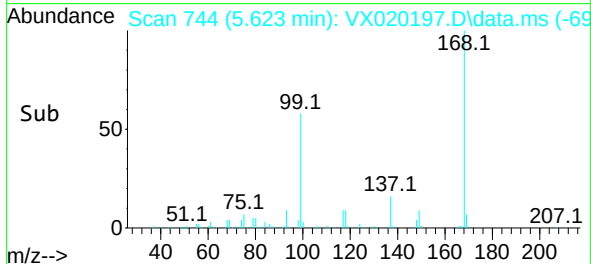
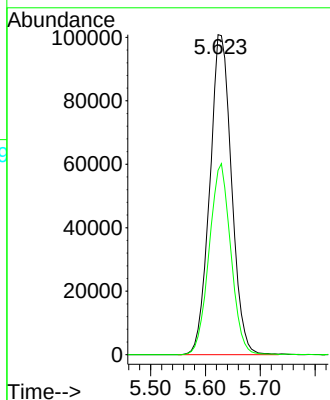
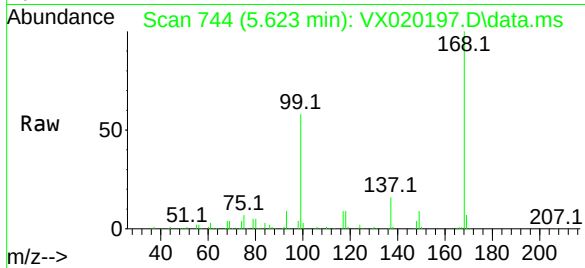




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

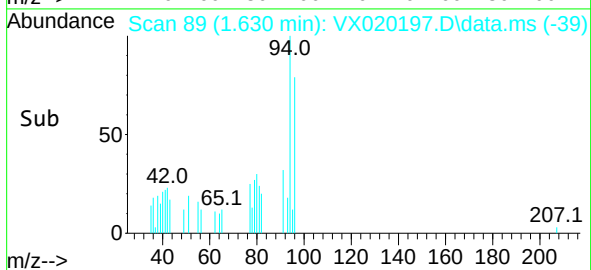
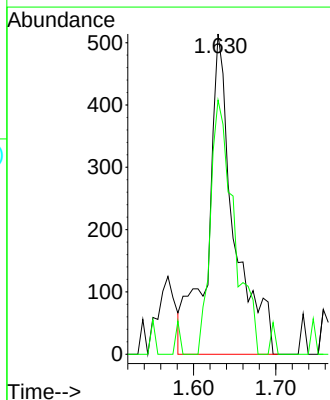
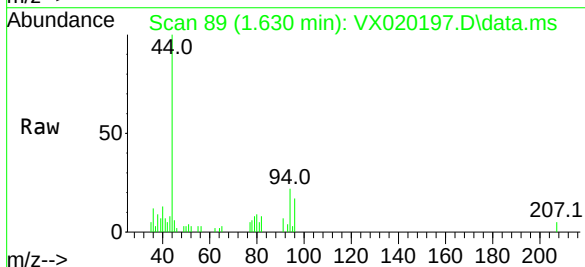
Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

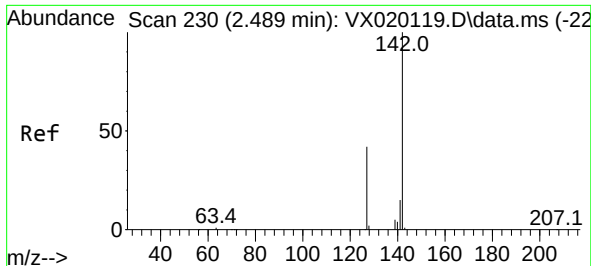
Tgt Ion:168 Resp: 278115
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



#5
Bromomethane
Concen: 0.93 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

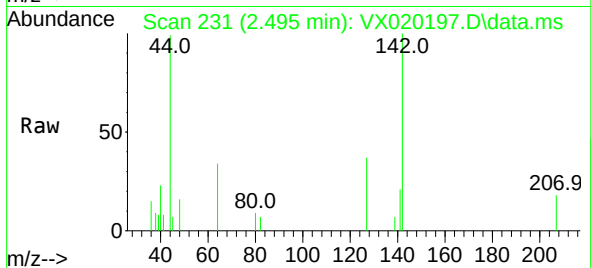
Tgt Ion: 94 Resp: 1135
Ion Ratio Lower Upper
94 100
96 79.4 76.4 114.6



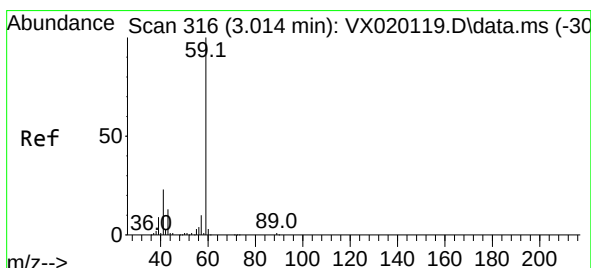
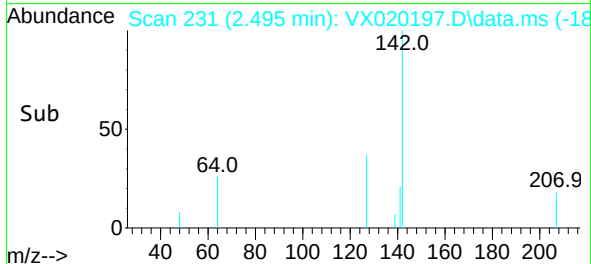
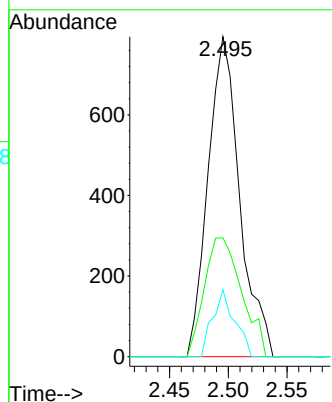


#10
Methyl Iodide
Concen: 3.66 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

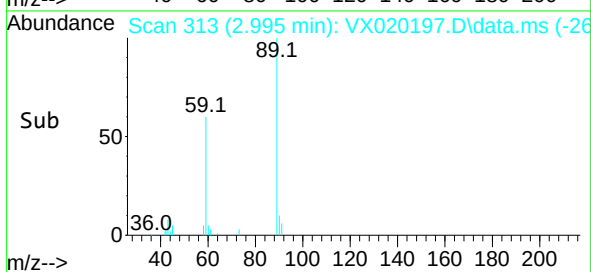
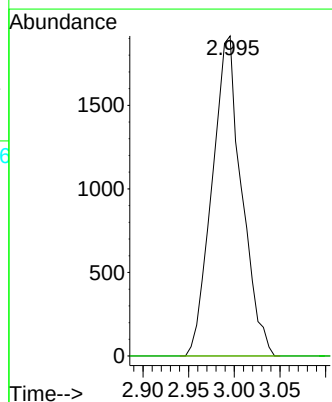
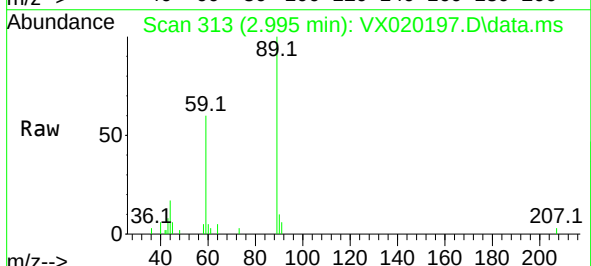


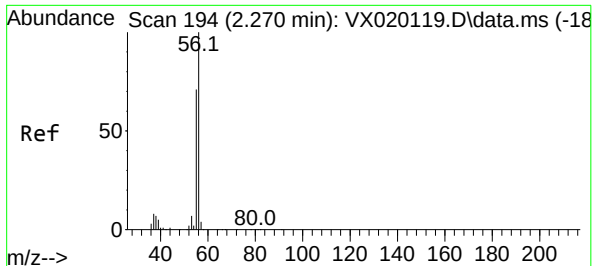
Tgt Ion:142 Resp: 1486
Ion Ratio Lower Upper
142 100
127 43.8 33.3 49.9
141 14.6 11.4 17.0



#11
Tert butyl alcohol
Concen: 5.17 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

Tgt Ion: 59 Resp: 4313
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

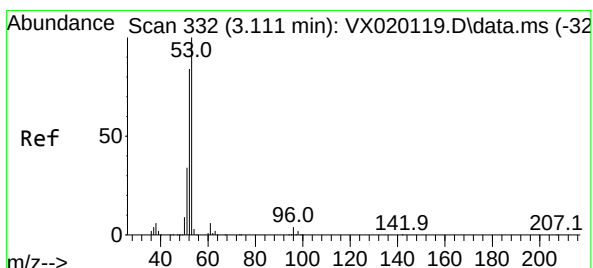
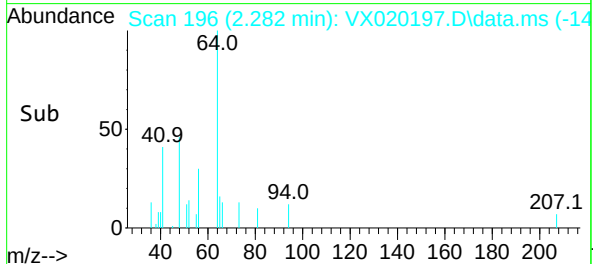
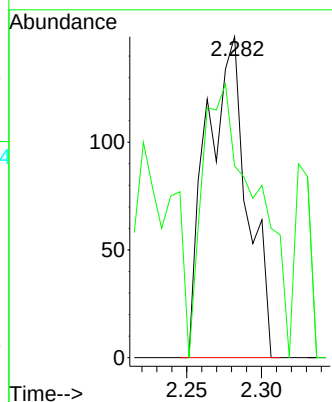
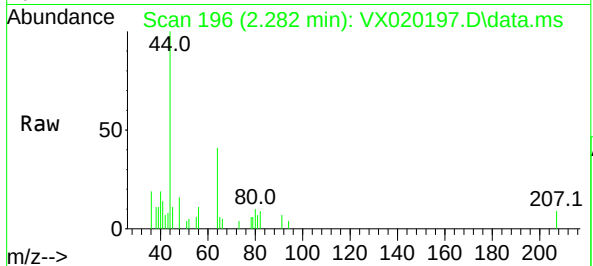




#13
Acrolein
Concen: 0.54 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

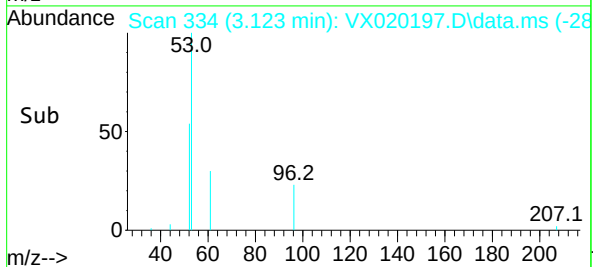
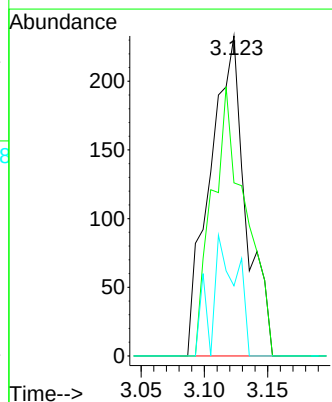
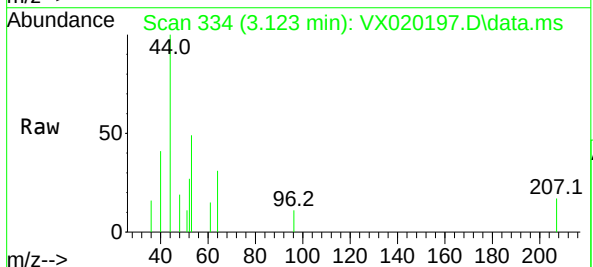
Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

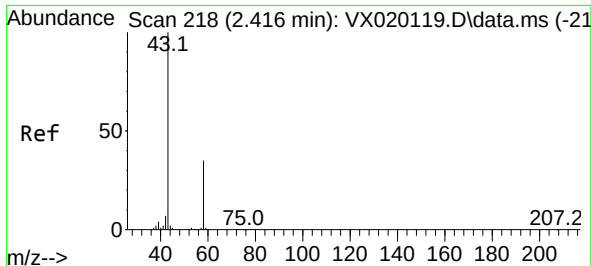
Tgt Ion: 56 Resp: 280
Ion Ratio Lower Upper
56 100
55 112.5 56.4 84.6#



#15
Acrylonitrile
Concen: 0.24 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.012 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

Tgt Ion: 53 Resp: 460
Ion Ratio Lower Upper
53 100
52 78.3 65.3 97.9
51 26.3 28.2 42.2#

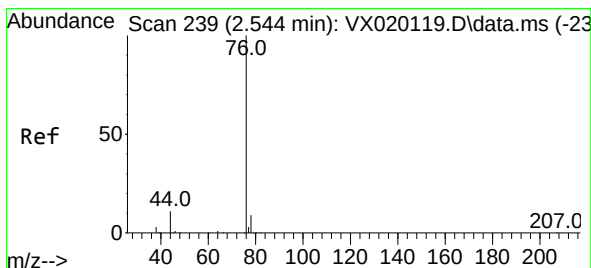
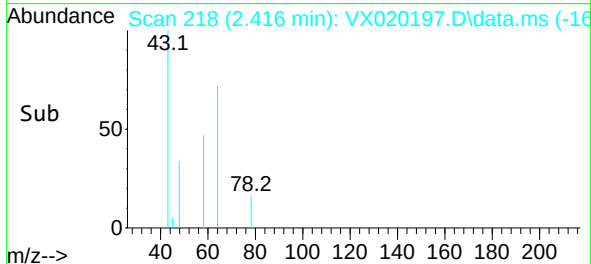
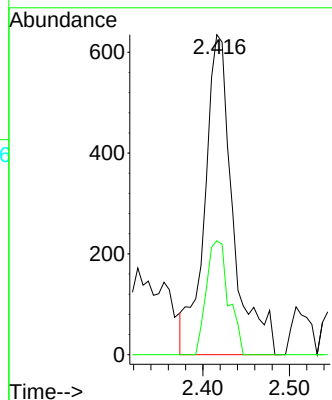
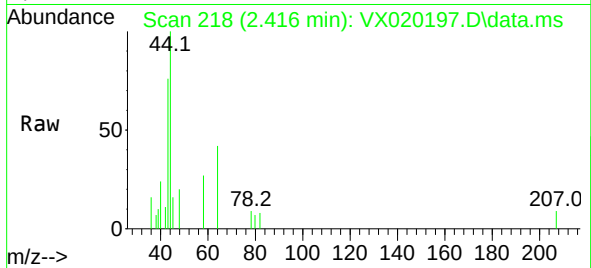




#16
Acetone
Concen: 0.85 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

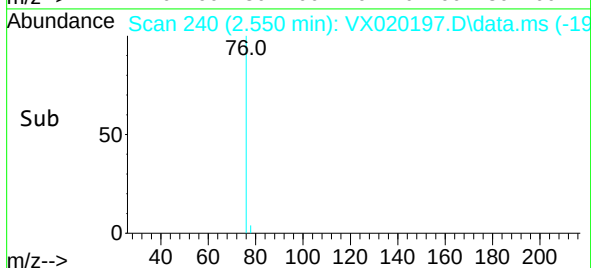
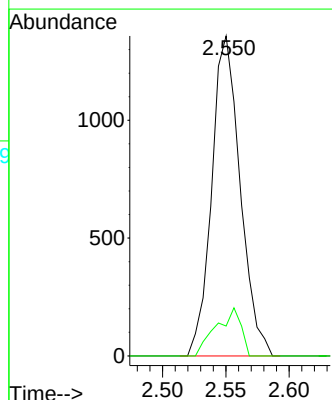
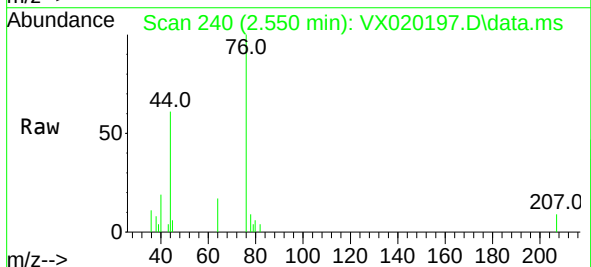
Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

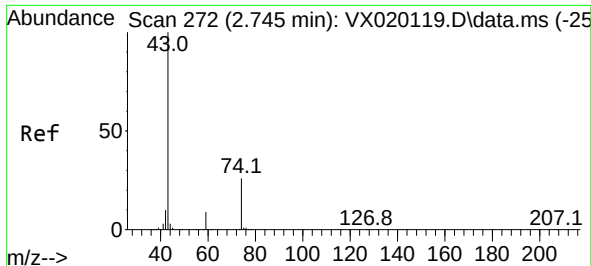
Tgt Ion: 43 Resp: 1442
Ion Ratio Lower Upper
43 100
58 35.6 27.8 41.8



#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

Tgt Ion: 76 Resp: 2125
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8





#18

Methyl Acetate

Concen: 0.21 ug/l

RT: 2.745 min Scan# 272

Delta R.T. 0.000 min

Lab File: VX020197.D

Acq: 20 Dec 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

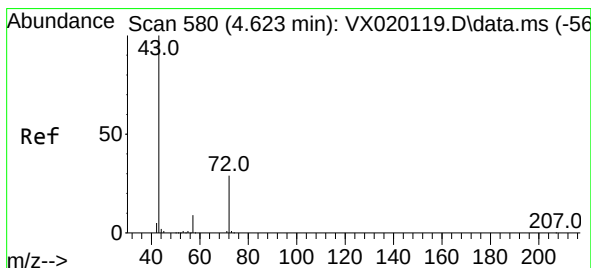
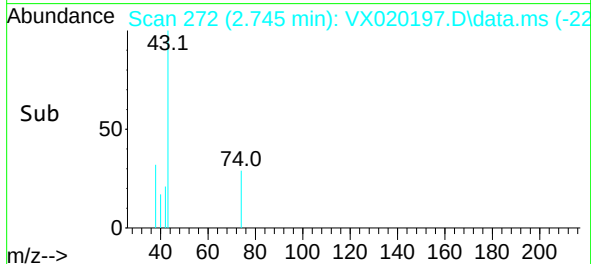
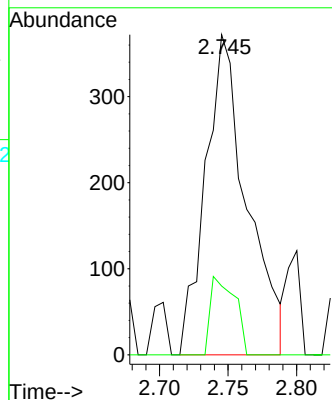
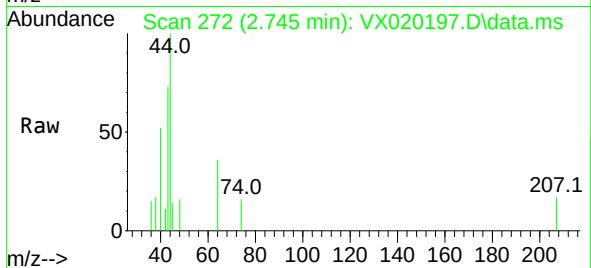
39-TB-121420

Tgt Ion: 43 Resp: 783

Ion Ratio Lower Upper

43 100

74 14.4 21.9 32.9#



#25

2-Butanone

Concen: 0.20 ug/l

RT: 4.647 min Scan# 584

Delta R.T. 0.024 min

Lab File: VX020197.D

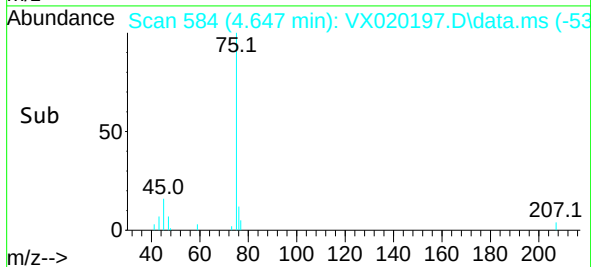
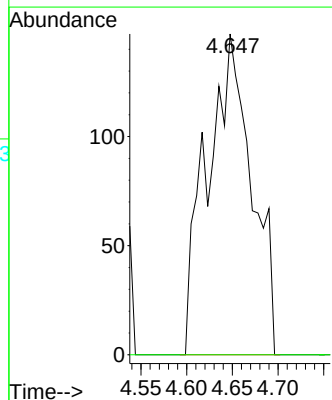
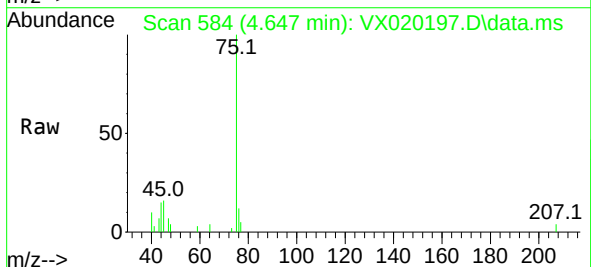
Acq: 20 Dec 2020 02:04

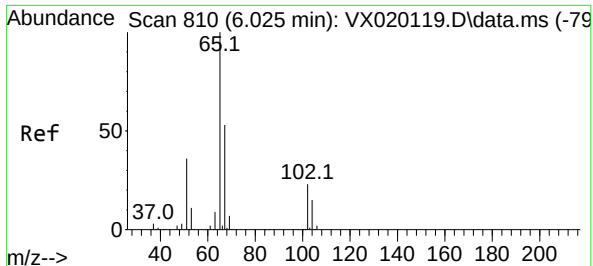
Tgt Ion: 43 Resp: 499

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#33

1,2-Dichloroethane-d4

Concen: 49.32 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020197.D

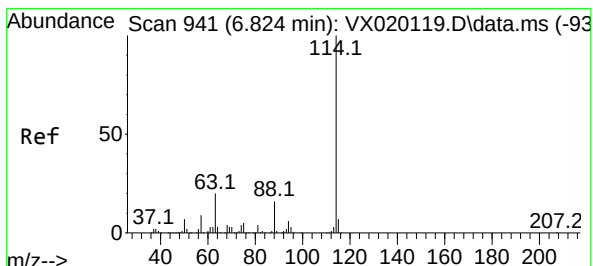
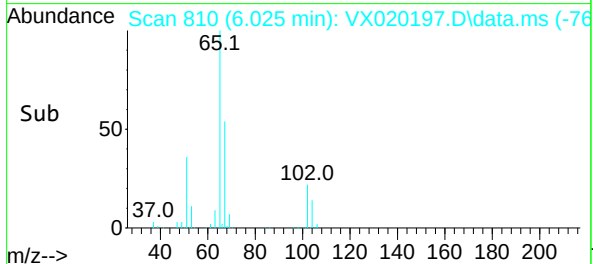
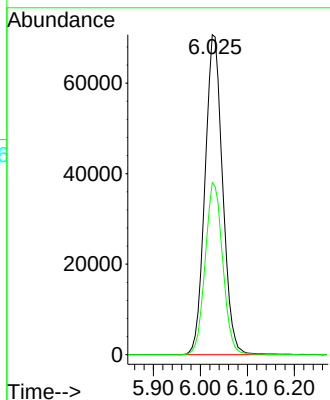
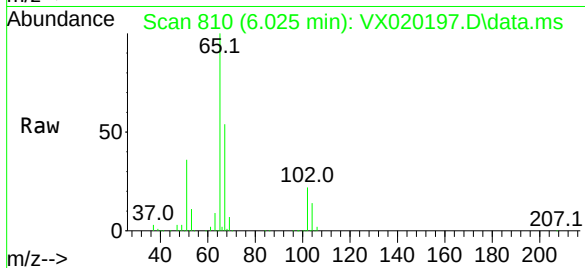
Acq: 20 Dec 2020 02:04

Tgt Ion: 65 Resp: 183856

Ion Ratio Lower Upper

65 100

67 53.5 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: VX020197.D

Acq: 20 Dec 2020 02:04

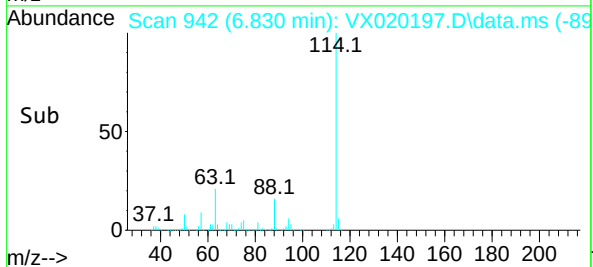
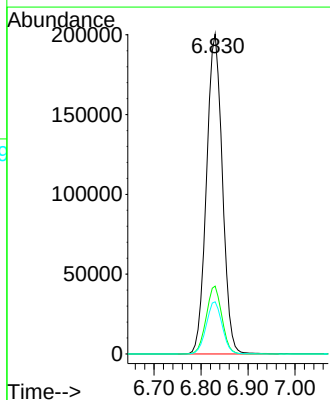
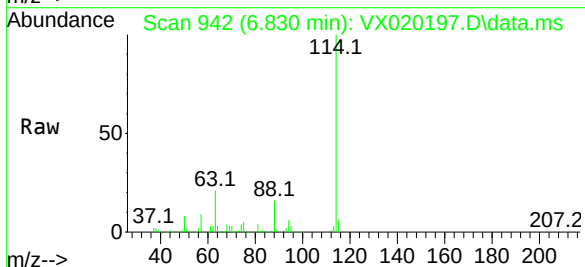
Tgt Ion: 114 Resp: 468656

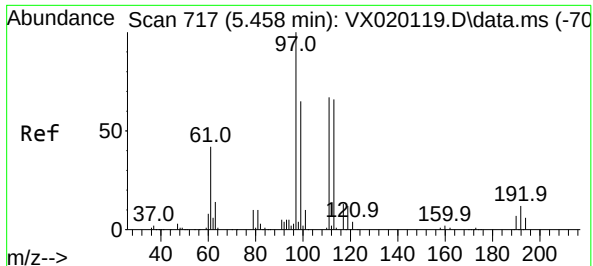
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.8

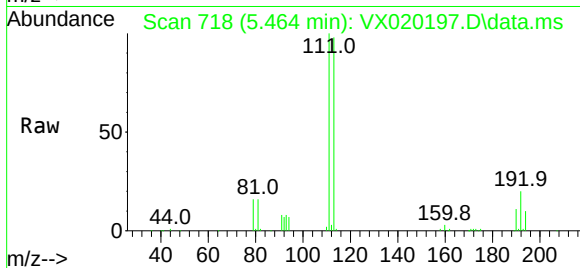
88 16.3 0.0 32.8



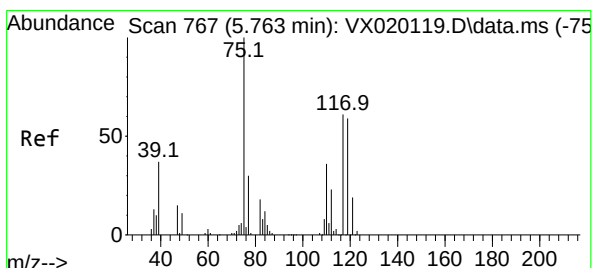
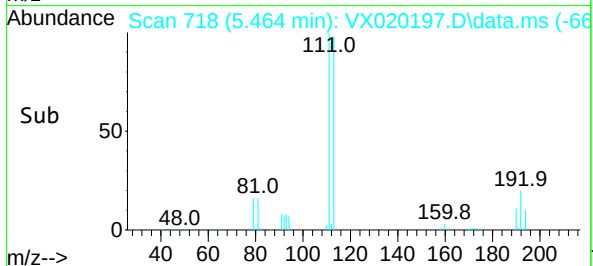
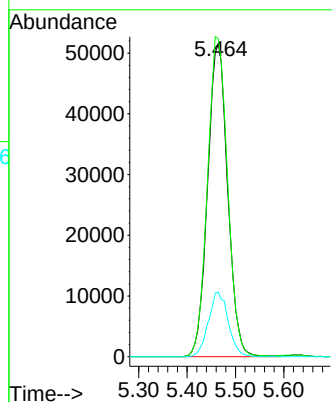


#35
Dibromofluoromethane
Concen: 49.38 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

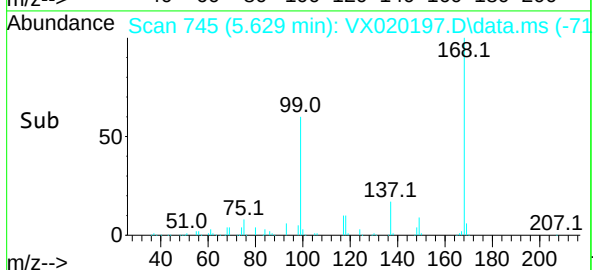
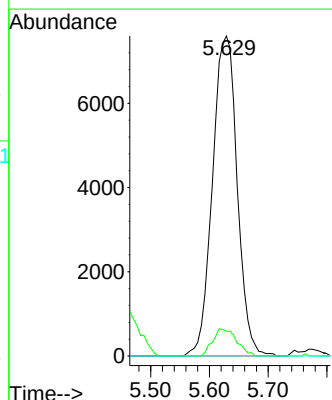
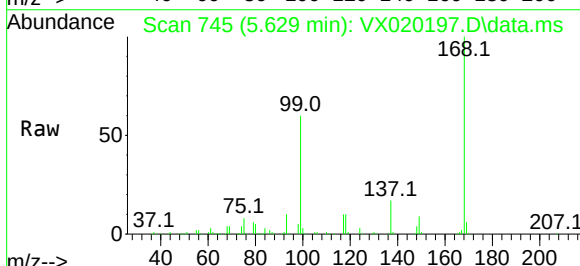


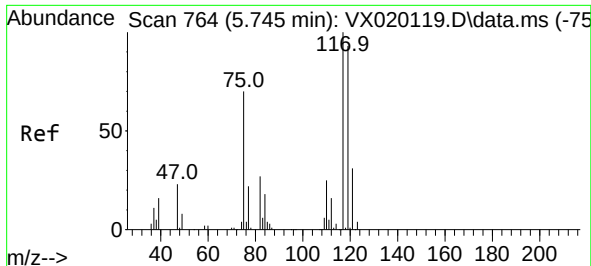
Tgt Ion:113 Resp: 148048
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

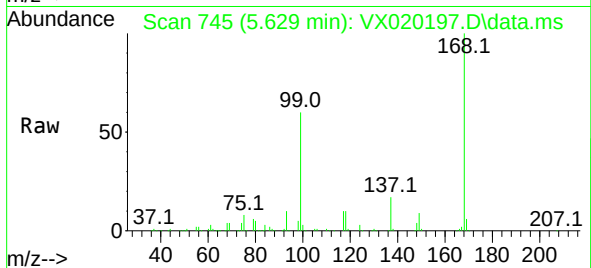
Tgt Ion: 75 Resp: 22217
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#



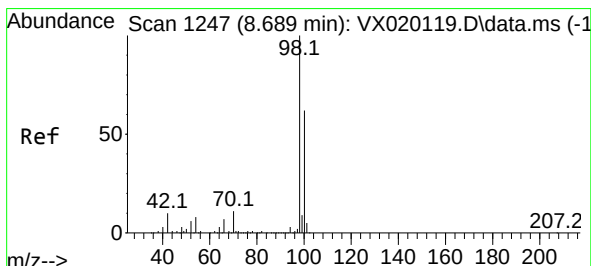
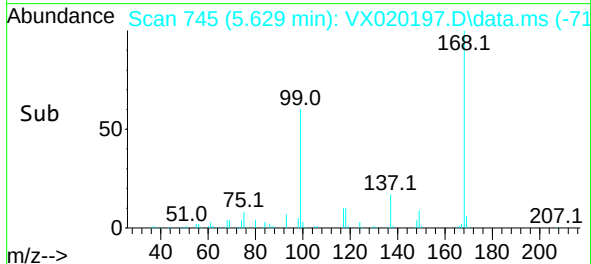
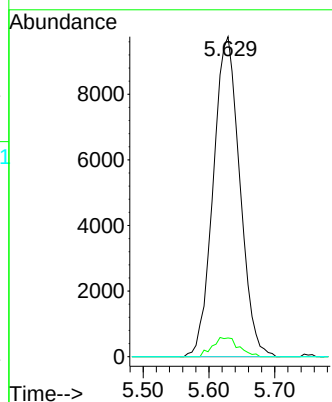


#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

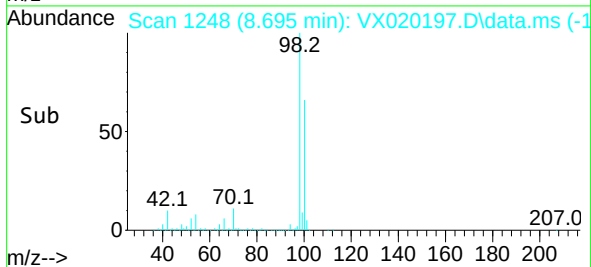
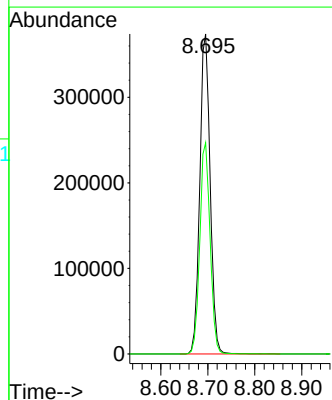
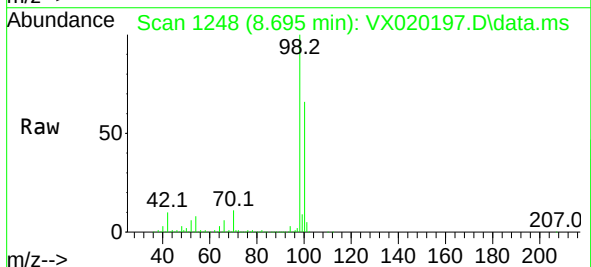


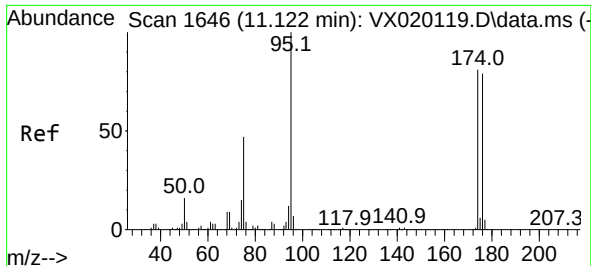
Tgt Ion:117 Resp: 27437
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.86 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

Tgt Ion: 98 Resp: 575419
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

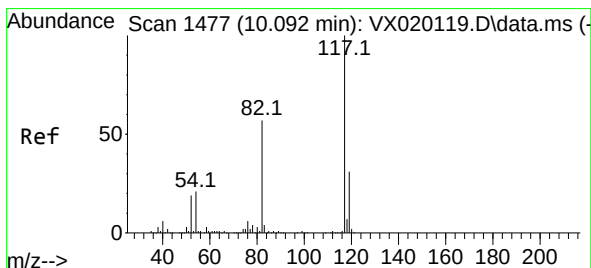
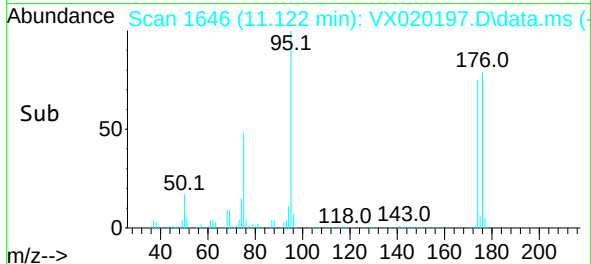
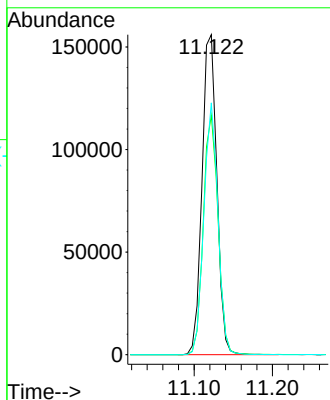
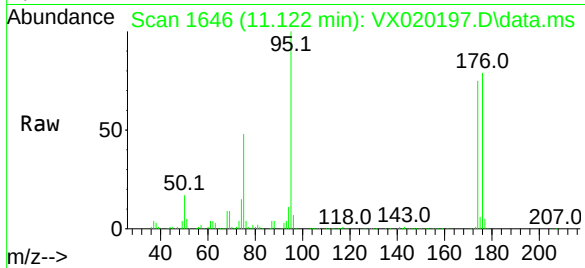




#62
4-Bromofluorobenzene
Concen: 46.28 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

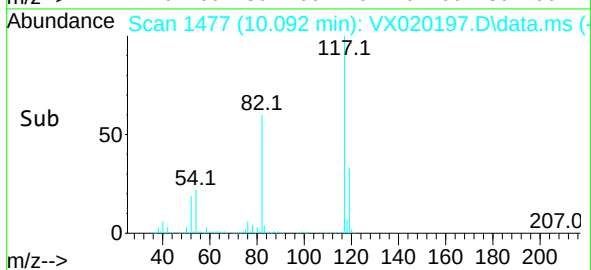
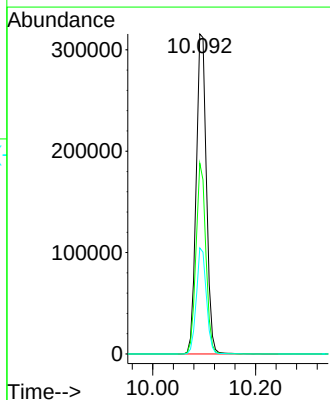
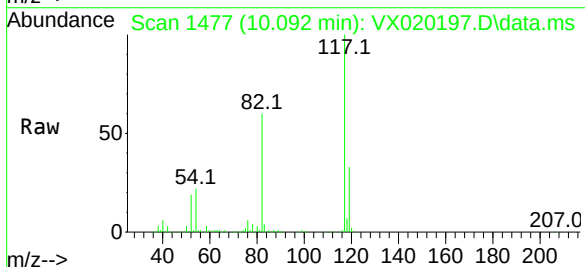
Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

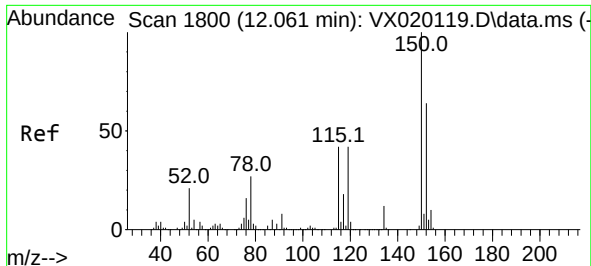
Tgt Ion: 95 Resp: 204411
Ion Ratio Lower Upper
95 100
174 74.6 0.0 154.6
176 75.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

Tgt Ion: 117 Resp: 436775
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 33.2 26.6 39.8

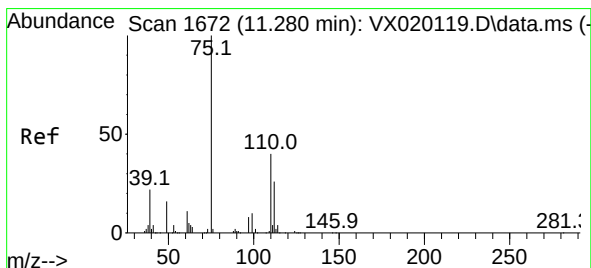
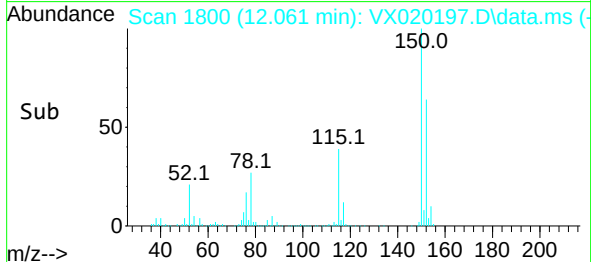
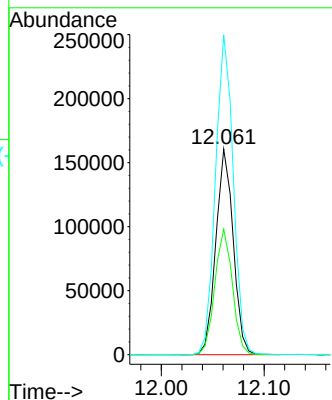
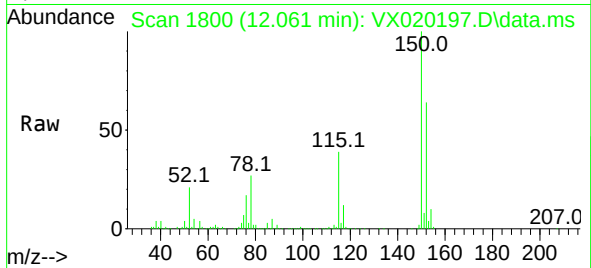




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

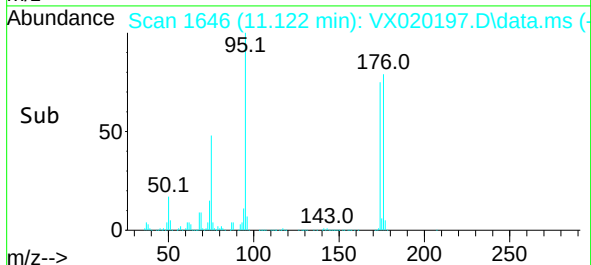
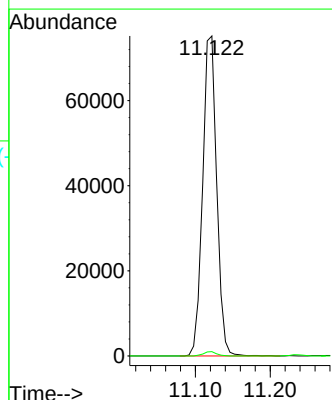
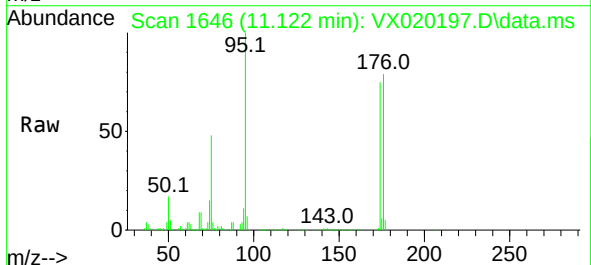
Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420

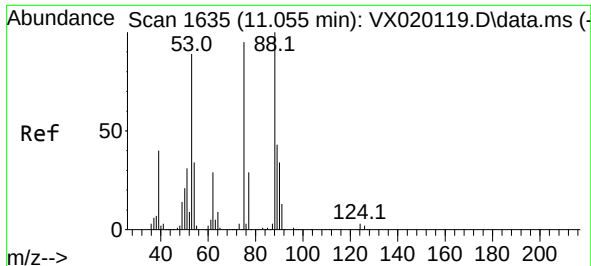
Tgt Ion:152 Resp: 188619
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 158.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.11 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

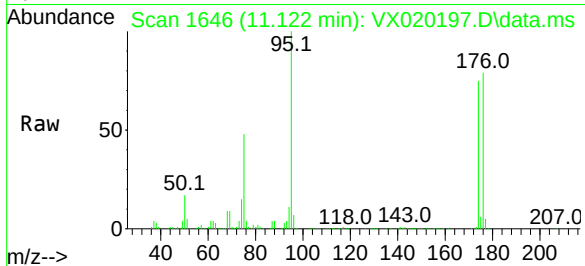
Tgt Ion: 75 Resp: 98095
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



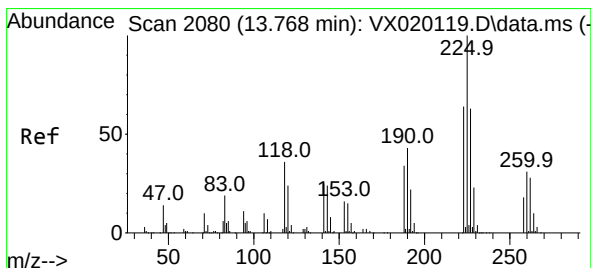
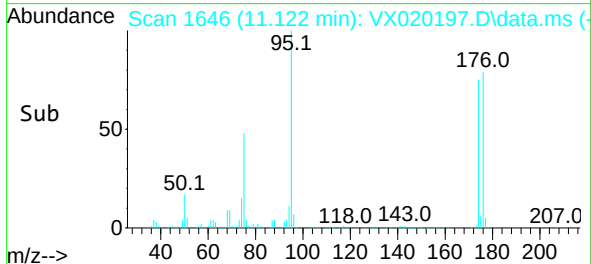
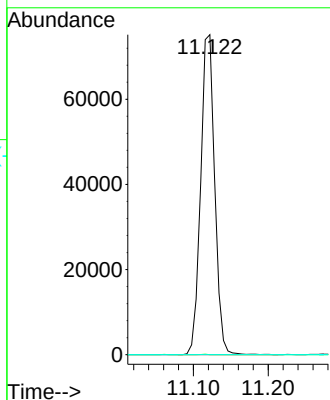


#81
trans-1,4-Dichloro-2-butene
Concen: 62.64 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

Instrument :
MSVOA_X
ClientSampleId :
39-TB-121420



Tgt Ion: 75 Resp: 98095
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.86 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020197.D
Acq: 20 Dec 2020 02:04

Tgt Ion: 225 Resp: 396
Ion Ratio Lower Upper
225 100
223 55.8 31.1 93.2
227 60.1 31.6 95.0

