

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031121\
 Data File : VX021150.D
 Acq On : 11 Mar 2021 12:48
 Operator : JC/MD
 Sample : M1582-08ME
 Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 12 02:18:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

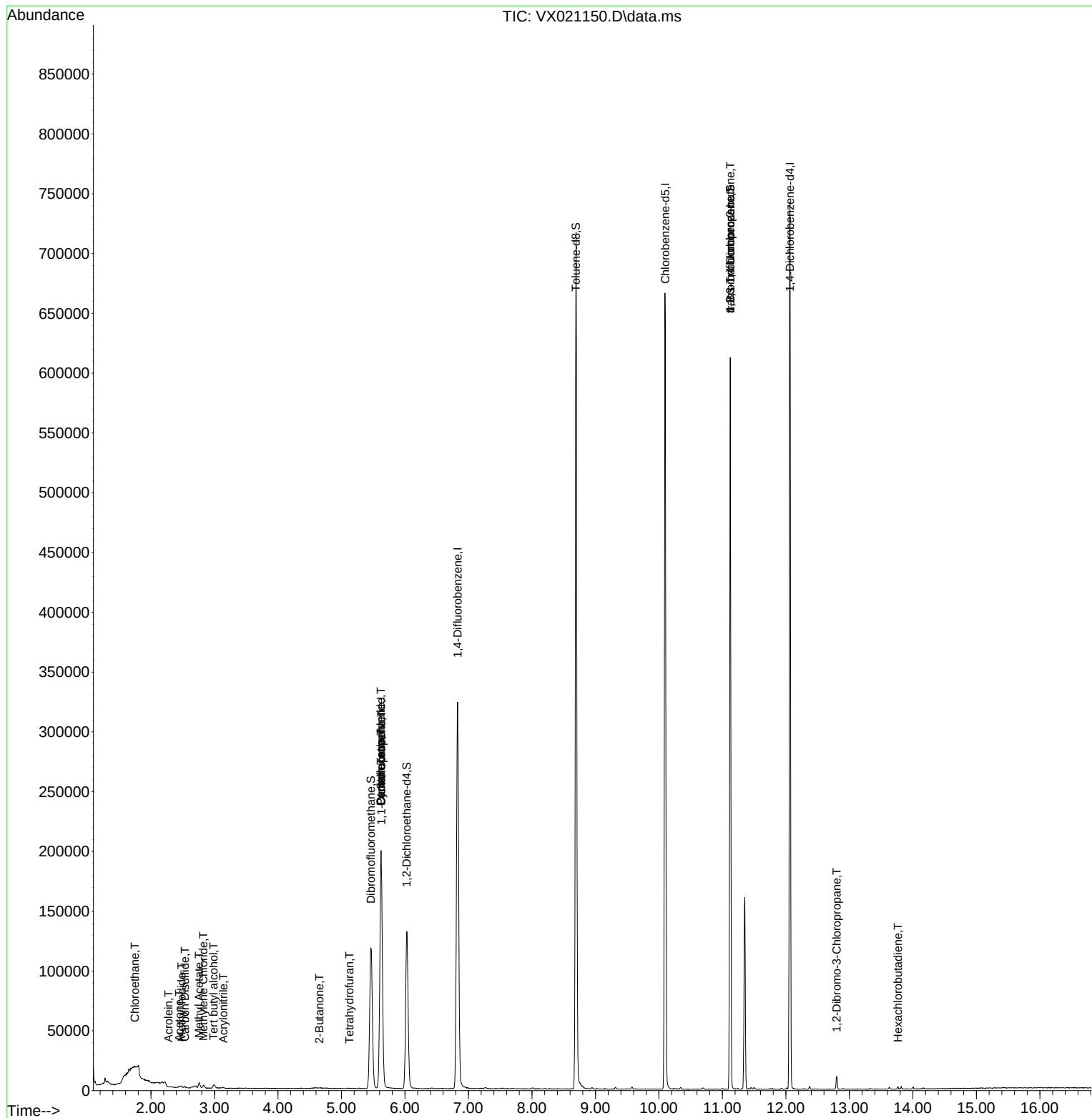
Internal Standards						
1) Pentafluorobenzene	5.623	168	191100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	349209	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.100	117	333676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	157347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	127024	49.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.42%		
35) Dibromofluoromethane	5.464	113	109501	51.61	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.22%		
50) Toluene-d8	8.694	98	439307	53.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.20%		
62) 4-Bromofluorobenzene	11.124	95	165767	54.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.38%		
Target Compounds						
5) Bromomethane	1.622	94	431	Below Cal	#	77
6) Chloroethane	1.746	64	371	0.22	ug/l #	20
10) Methyl Iodide	2.481	142	1342	0.49	ug/l #	92
11) Tert butyl alcohol	2.987	59	1992	3.47	ug/l #	73
13) Acrolein	2.275	56	138	0.39	ug/l #	14
15) Acrylonitrile	3.140	53	327	0.27	ug/l #	30
16) Acetone	2.446	43	1332	1.25	ug/l	90
17) Carbon Disulfide	2.534	76	1389	0.23	ug/l #	91
18) Methyl Acetate	2.758	43	5495	2.18	ug/l	97
20) Methylene Chloride	2.823	84	1101	0.43	ug/l	84
25) 2-Butanone	4.652	43	1099	0.68	ug/l #	80
29) Tetrahydrofuran	5.123	42	282	0.27	ug/l #	27
31) Cyclohexane	5.623	56	3936	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	14932	4.50	ug/l #	48
38) Carbon Tetrachloride	5.623	117	18761	5.83	ug/l #	16
76) 1,2,3-Trichloropropane	11.124	75	77909	23.02	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.124	75	77909	50.96	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	12.800	75	316	0.34	ug/l #	1
94) Hexachlorobutadiene	13.765	225	372	0.29	ug/l	78

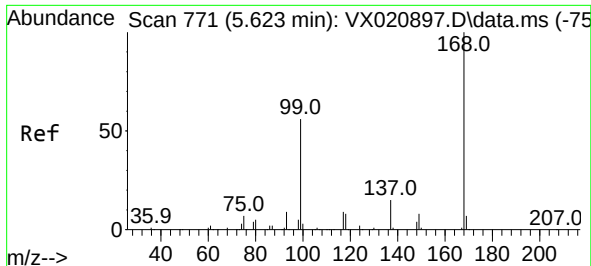
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Mar 12 02:18:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

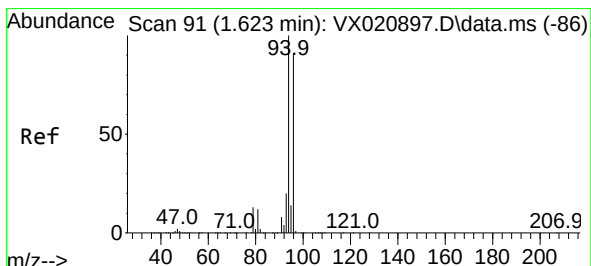
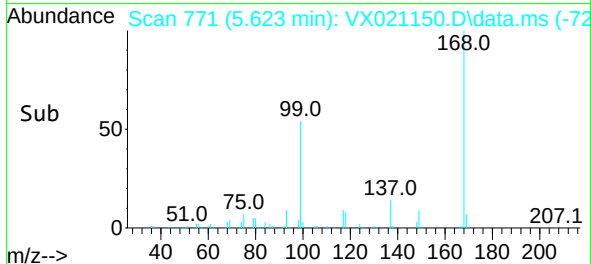
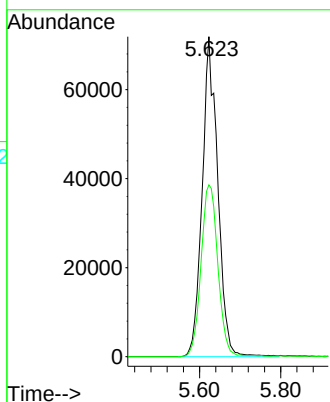
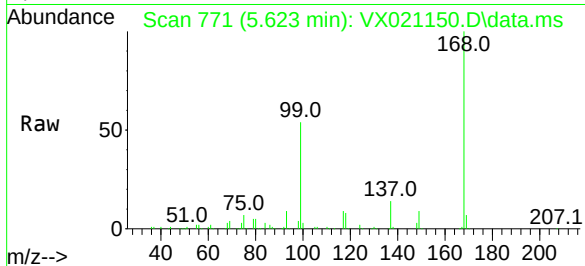




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.000 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

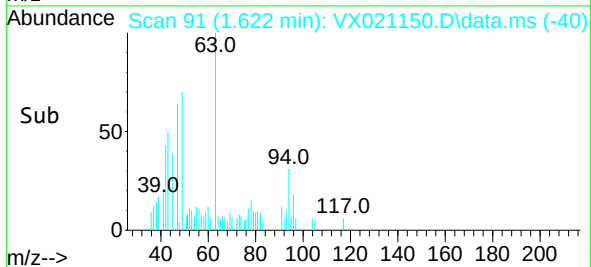
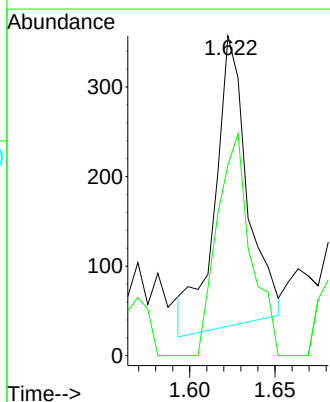
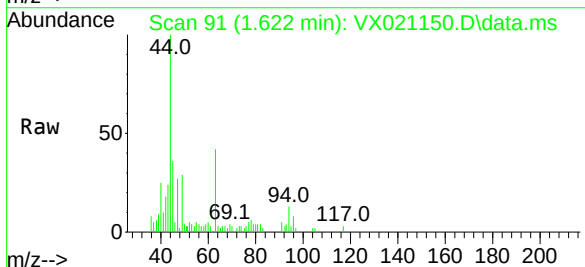
Instrument :
MSVOA_X
ClientSampleId :

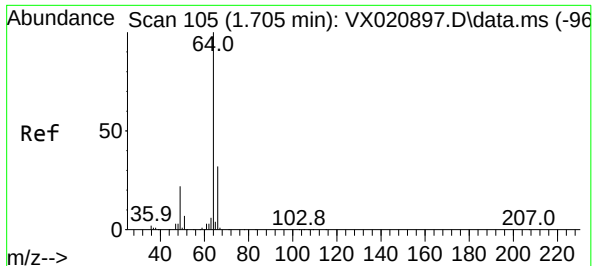
Tgt Ion:168 Resp: 191100
Ion Ratio Lower Upper
168 100
99 53.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.622 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 72.7 76.4 114.6#

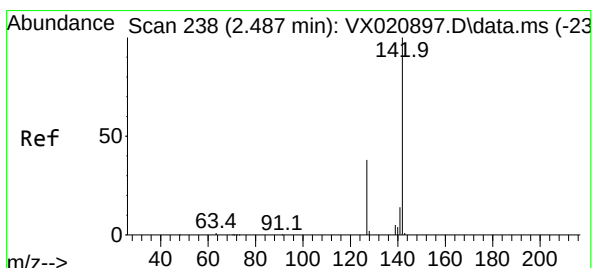
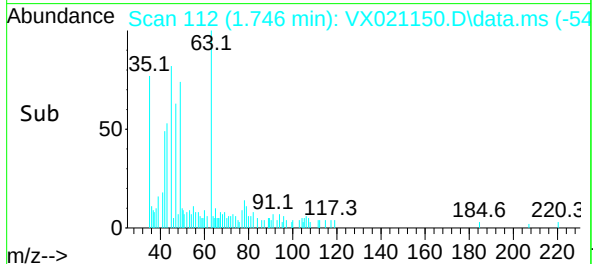
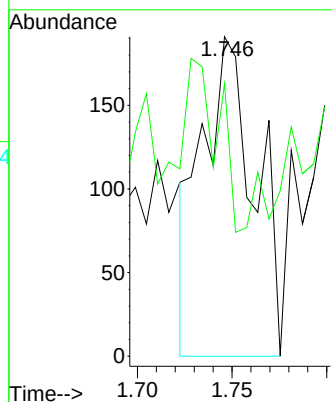
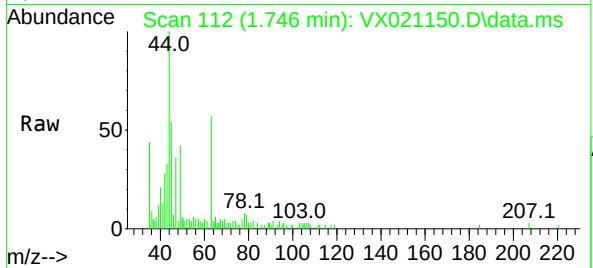




#6
Chloroethane
Concen: 0.22 ug/l
RT: 1.746 min Scan# 112
Delta R.T. 0.041 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

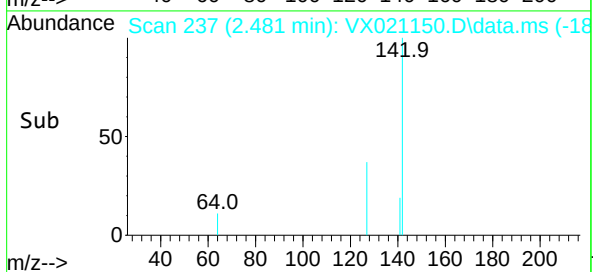
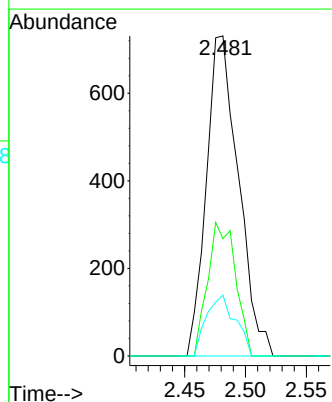
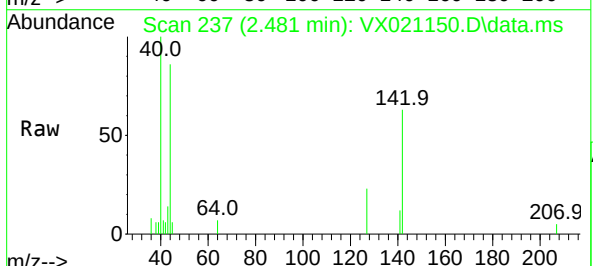
Instrument :
MSVOA_X
ClientSampled :

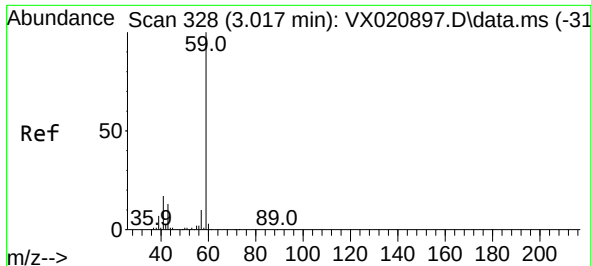
Tgt Ion: 64 Resp: 371
Ion Ratio Lower Upper
64 100
66 75.9 25.4 38.0#



#10
Methyl Iodide
Concen: 0.49 ug/l
RT: 2.481 min Scan# 237
Delta R.T. -0.006 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

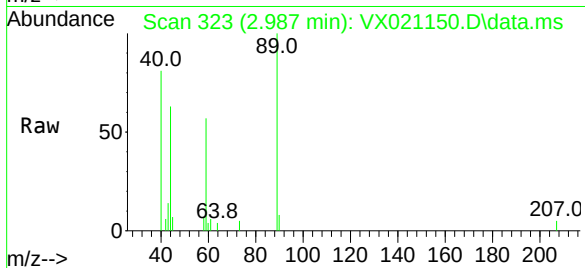
Tgt Ion: 142 Resp: 1342
Ion Ratio Lower Upper
142 100
127 36.1 33.3 49.9
141 17.1 11.4 17.0#



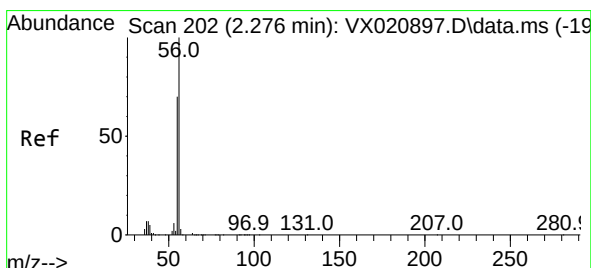
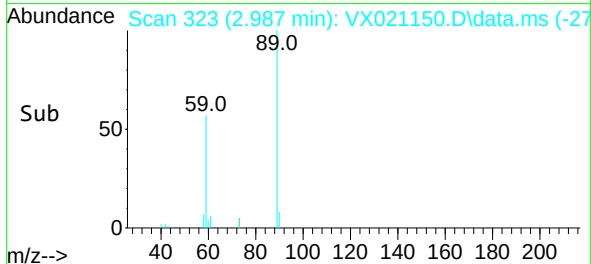
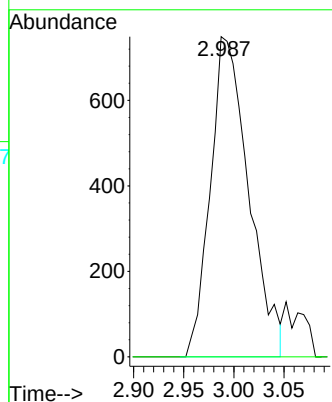


#11
Tert butyl alcohol
Concen: 3.47 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

Instrument :
MSVOA_X
ClientSampled :

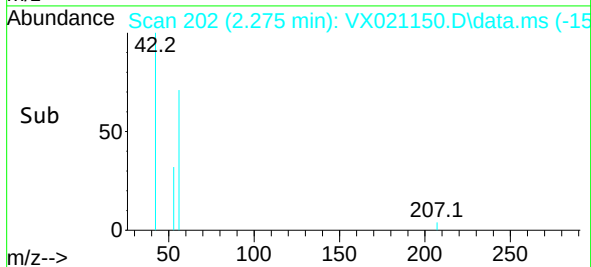
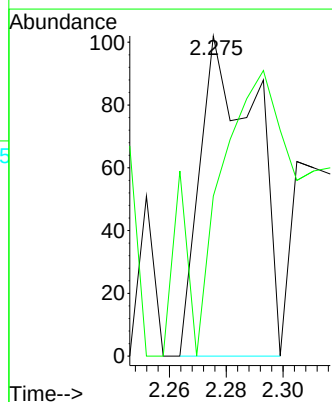
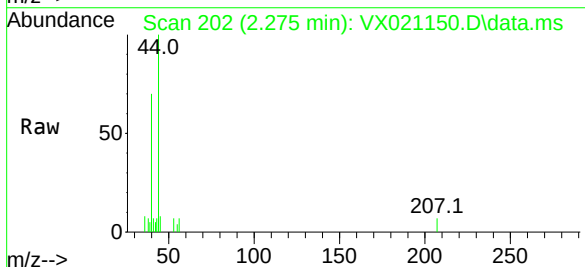


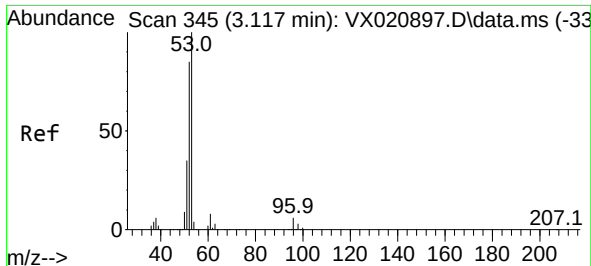
Tgt Ion: 59 Resp: 1992
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.39 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

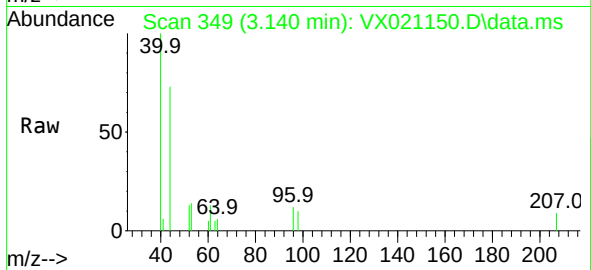
Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



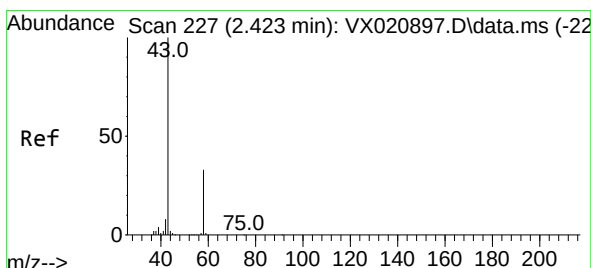
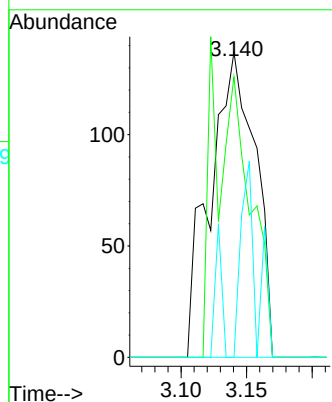
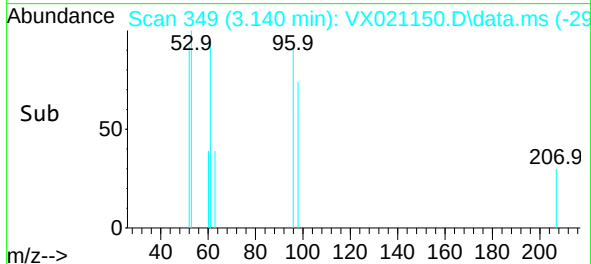


#15
Acrylonitrile
Concen: 0.27 ug/l
RT: 3.140 min Scan# 349
Delta R.T. 0.023 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

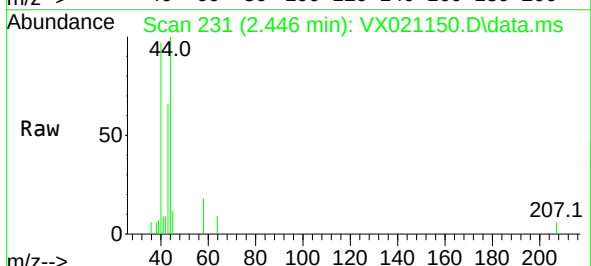
Instrument :
MSVOA_X
ClientSampled :



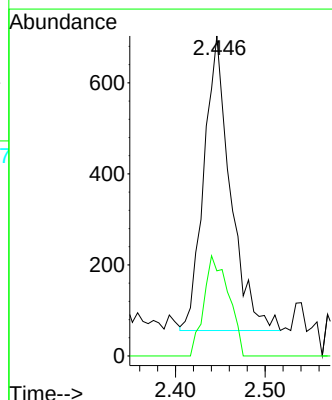
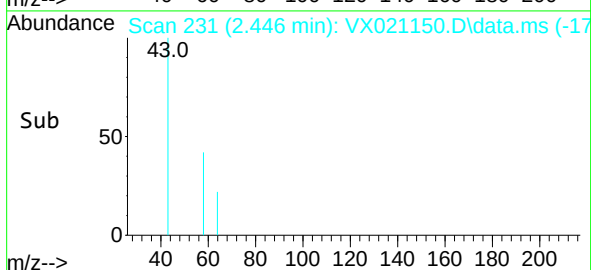
Tgt Ion: 53 Resp: 327
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 22.6 28.2 42.2#

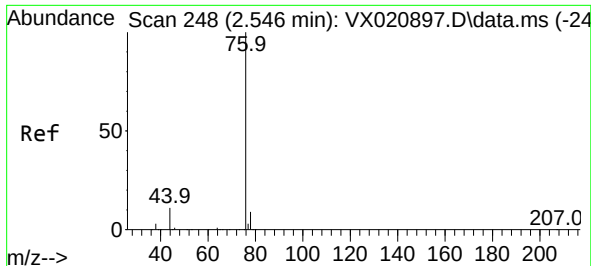


#16
Acetone
Concen: 1.25 ug/l
RT: 2.446 min Scan# 231
Delta R.T. 0.023 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48



Tgt Ion: 43 Resp: 1332
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8

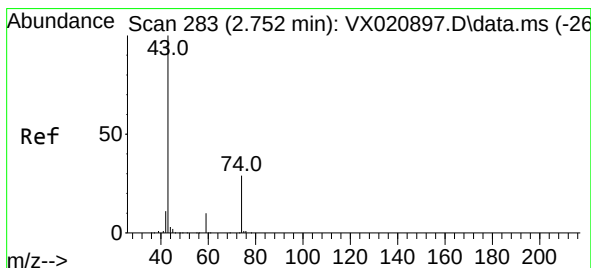
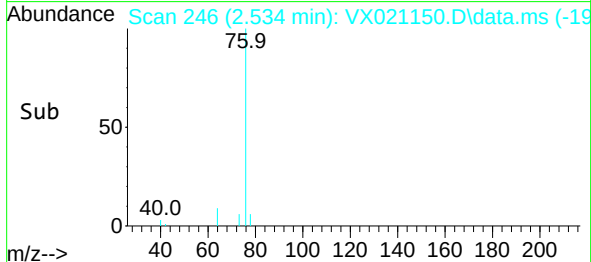
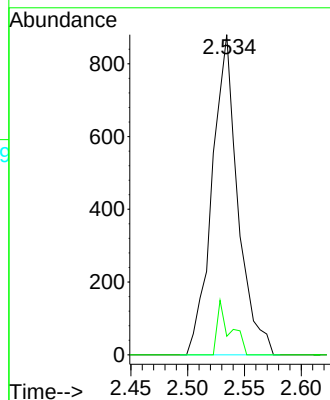
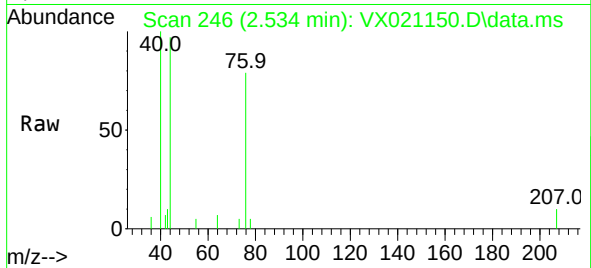




#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 2.534 min Scan# 246
Delta R.T. -0.012 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

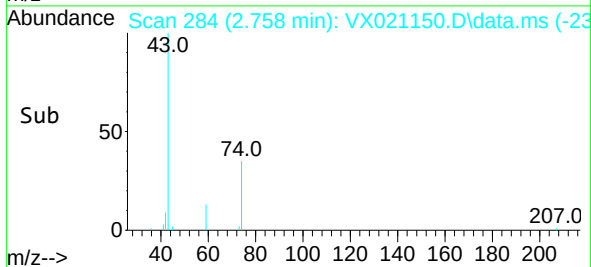
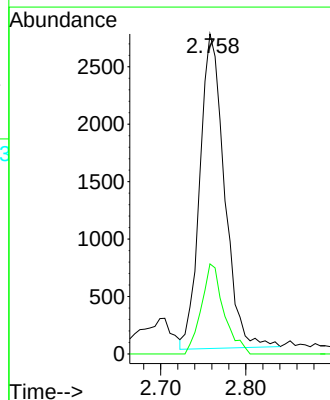
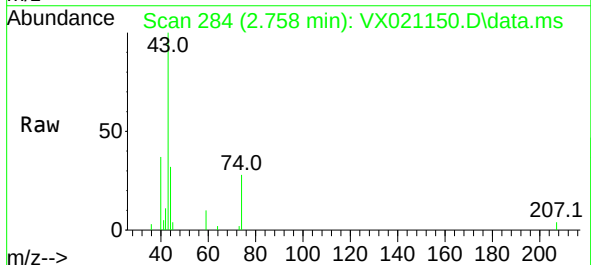
Instrument :
MSVOA_X
ClientSampled :

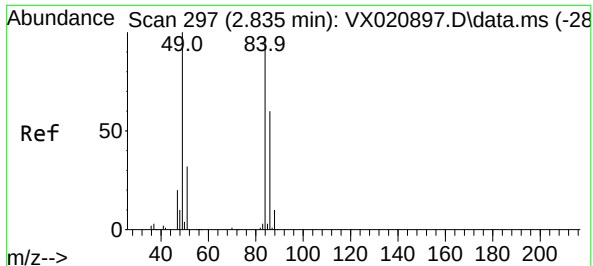
Tgt Ion: 76 Resp: 1389
Ion Ratio Lower Upper
76 100
78 5.8 7.2 10.8#



#18
Methyl Acetate
Concen: 2.18 ug/l
RT: 2.758 min Scan# 284
Delta R.T. 0.006 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

Tgt Ion: 43 Resp: 5495
Ion Ratio Lower Upper
43 100
74 26.0 21.9 32.9





#20

Methylene Chloride

Concen: 0.43 ug/l

RT: 2.823 min Scan# 295

Delta R.T. -0.012 min

Lab File: VX021150.D

Acq: 11 Mar 2021 12:48

Tgt Ion: 84 Resp: 1101

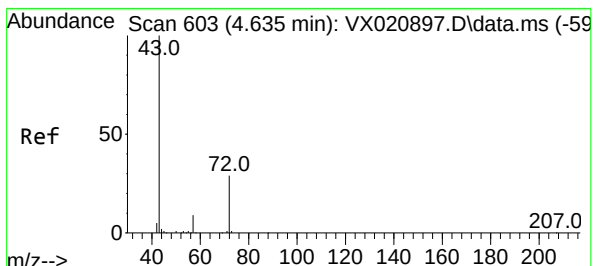
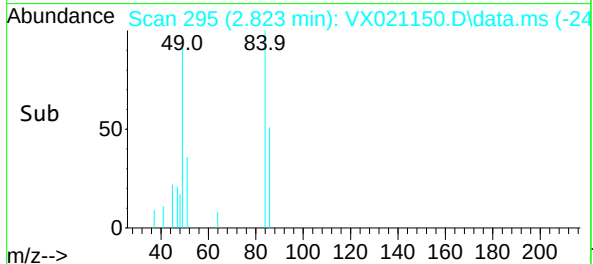
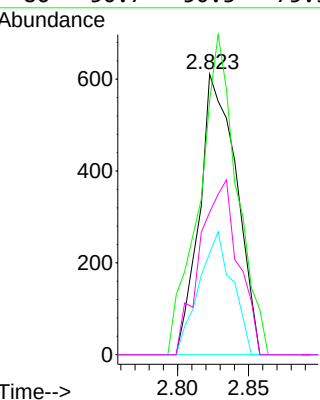
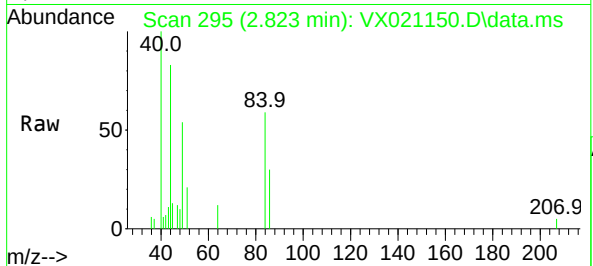
Ion Ratio Lower Upper

84 100

49 90.5 88.6 132.8

51 36.2 27.0 40.6

86 50.7 50.3 75.5



#25

2-Butanone

Concen: 0.68 ug/l

RT: 4.652 min Scan# 606

Delta R.T. 0.018 min

Lab File: VX021150.D

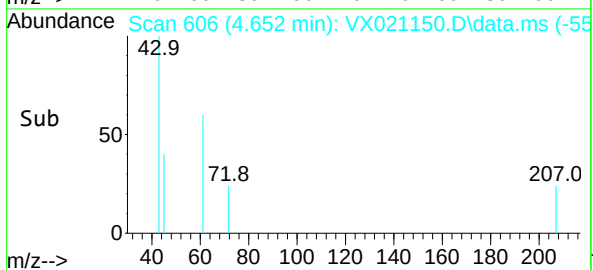
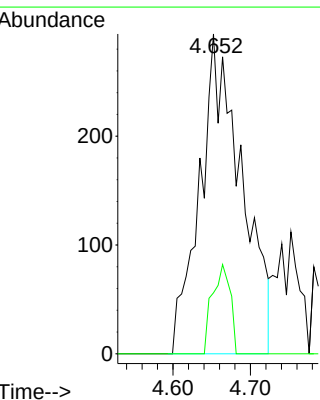
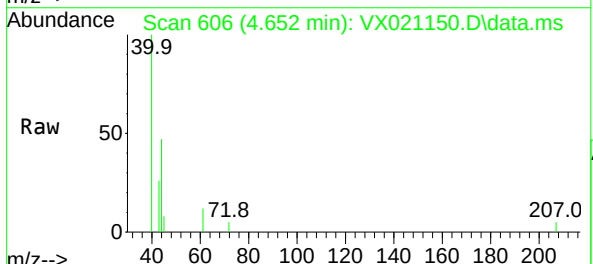
Acq: 11 Mar 2021 12:48

Tgt Ion: 43 Resp: 1099

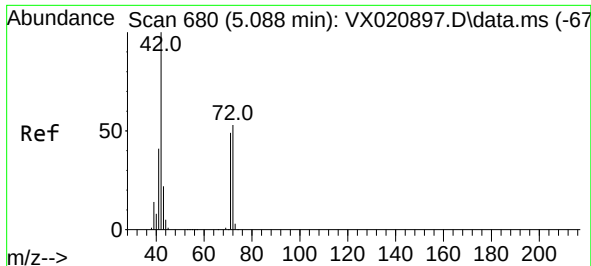
Ion Ratio Lower Upper

43 100

72 19.0 23.7 35.5#



Instrument :
MSVOA_X
ClientSampleId :



#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 5.123 min Scan# 686

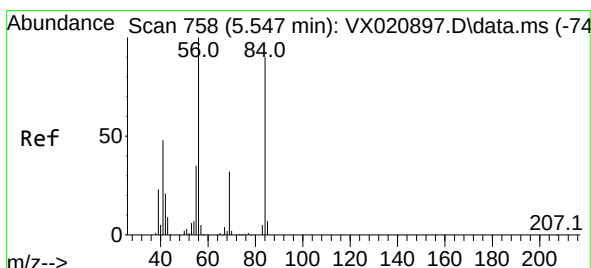
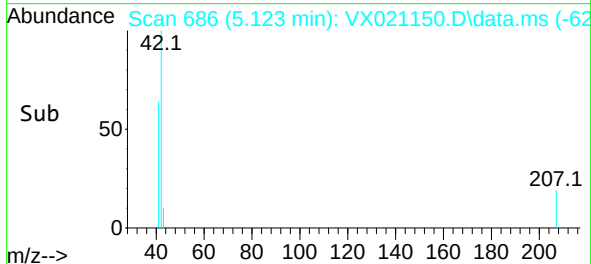
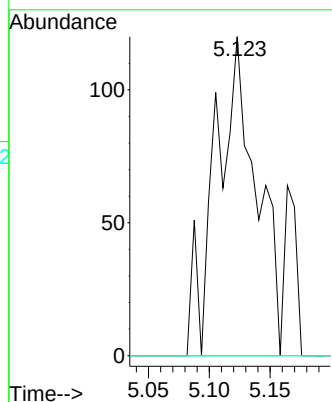
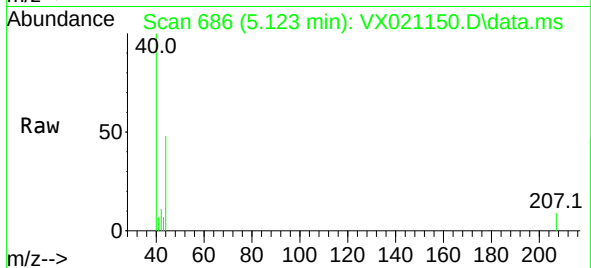
Delta R.T. 0.035 min

Lab File: VX021150.D

Acq: 11 Mar 2021 12:48

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	42	Resp:	282
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#31

Cyclohexane

Concen: 1.05 ug/l

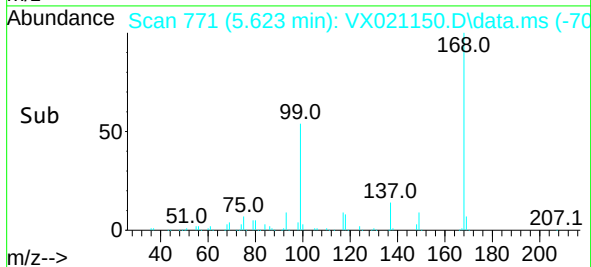
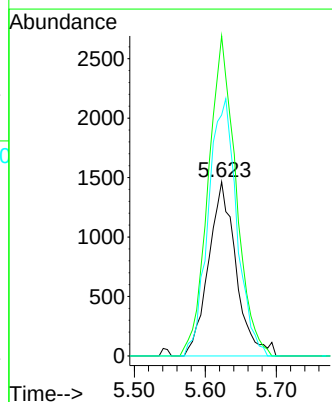
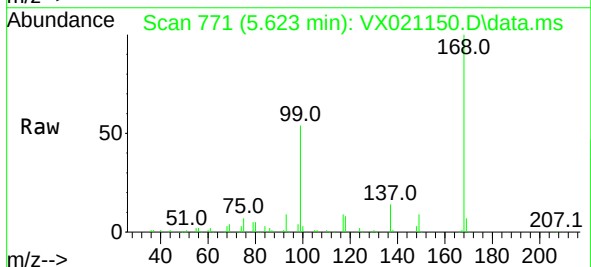
RT: 5.623 min Scan# 771

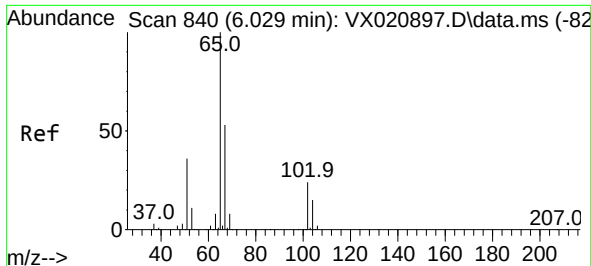
Delta R.T. 0.076 min

Lab File: VX021150.D

Acq: 11 Mar 2021 12:48

Tgt Ion:	56	Resp:	3936
Ion	Ratio	Lower	Upper
56	100		
69	183.8	25.3	37.9#
84	138.4	71.4	107.0#

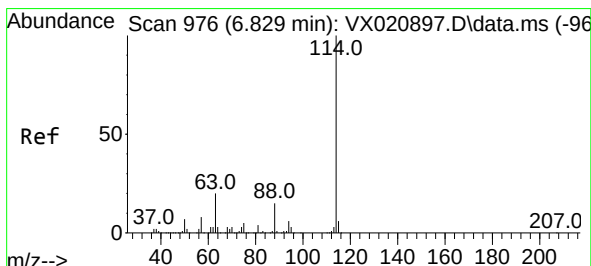
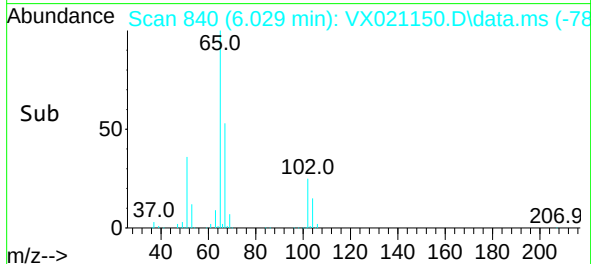
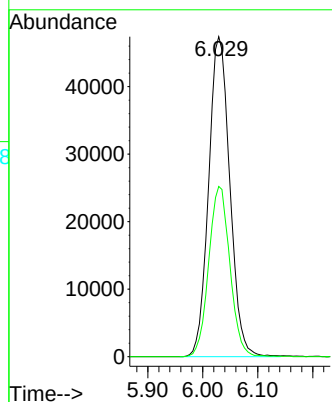
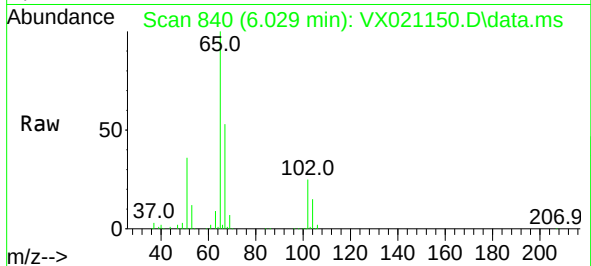




#33
1,2-Dichloroethane-d4
Concen: 49.21 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

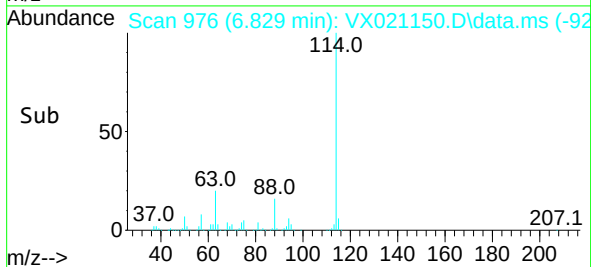
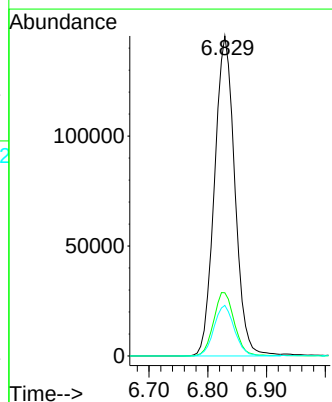
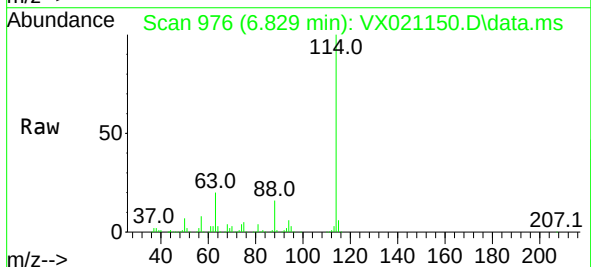
Instrument :
MSVOA_X
ClientSampleId :

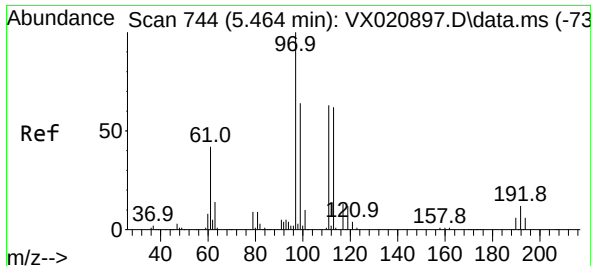
Tgt Ion: 65 Resp: 127024
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

Tgt Ion: 114 Resp: 349209
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.8 0.0 32.8

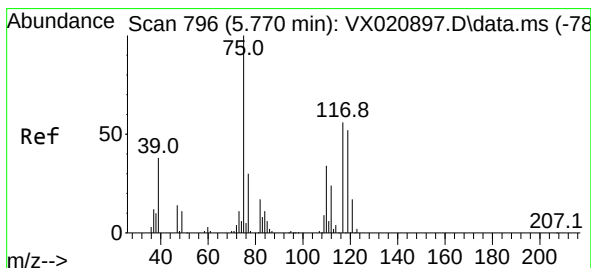
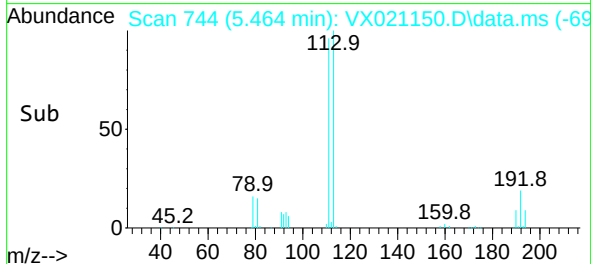
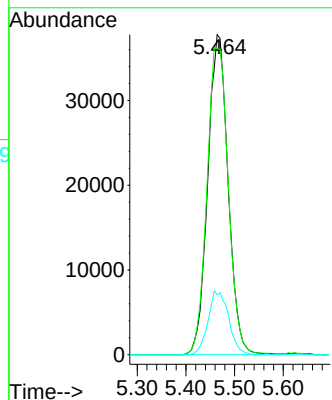
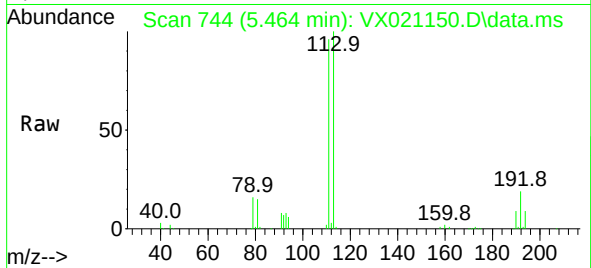




#35
Dibromofluoromethane
Concen: 51.61 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

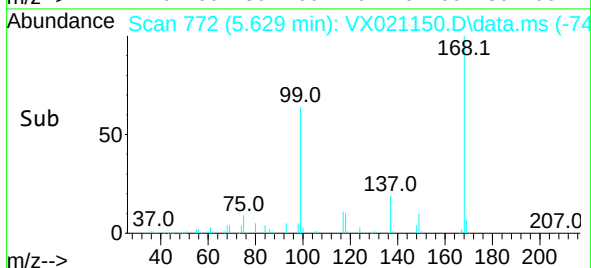
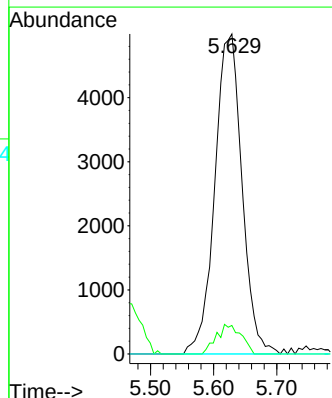
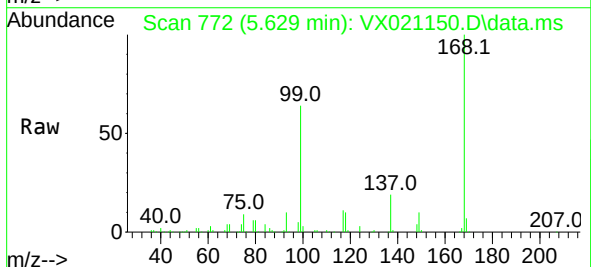
Instrument :
MSVOA_X
ClientSampleId :

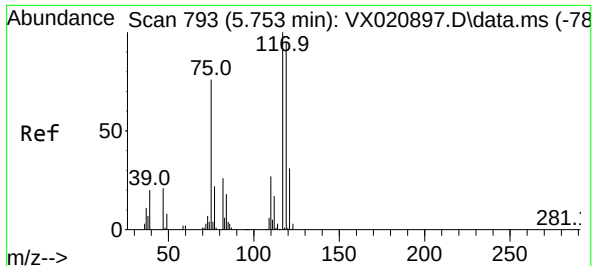
Tgt Ion:113 Resp: 109501
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

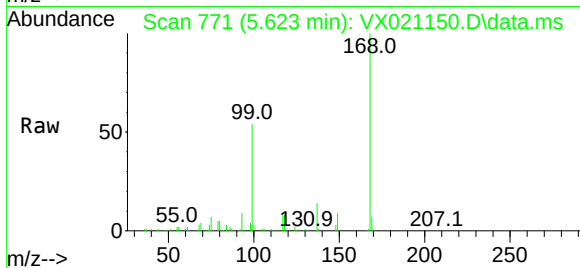
Tgt Ion: 75 Resp: 14932
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



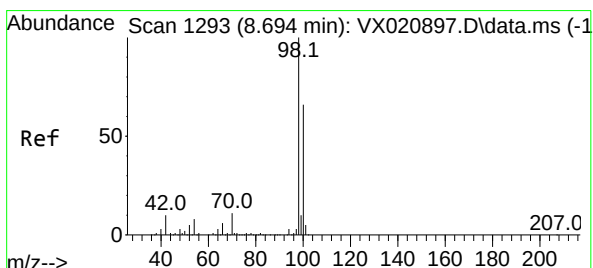
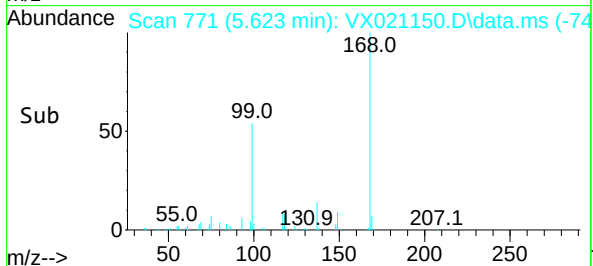
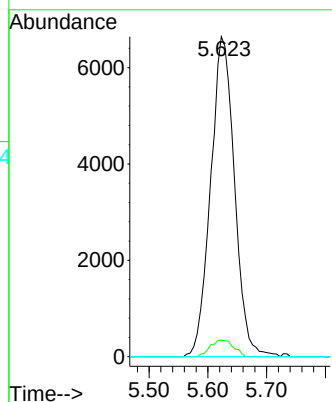


#38
Carbon Tetrachloride
Concen: 5.83 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

Instrument :
MSVOA_X
ClientSampleId :

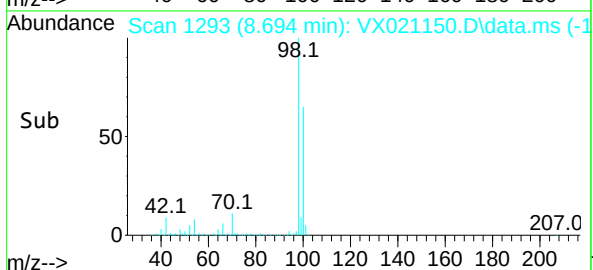
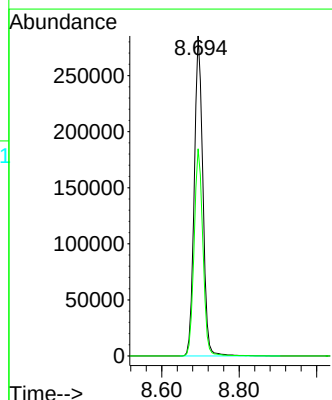
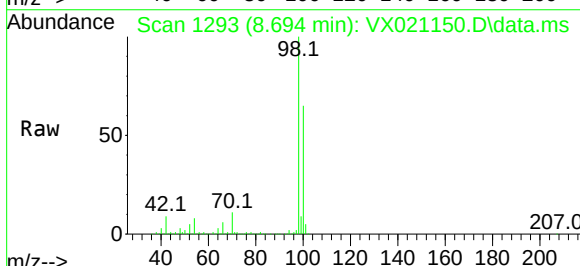


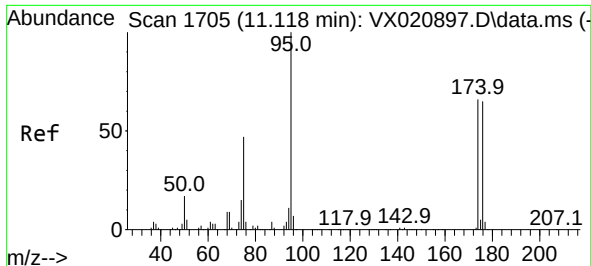
Tgt Ion:117 Resp: 18761
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.10 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

Tgt Ion: 98 Resp: 439307
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

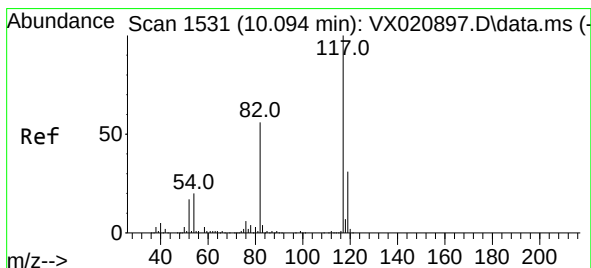
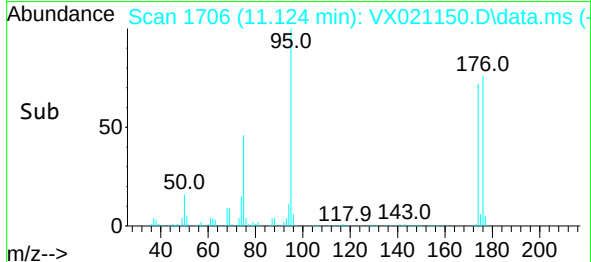
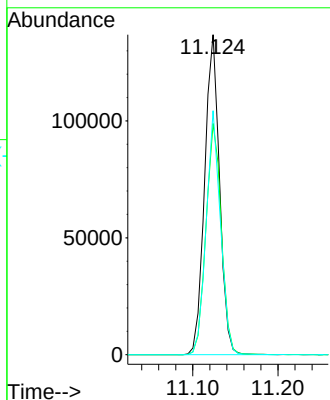
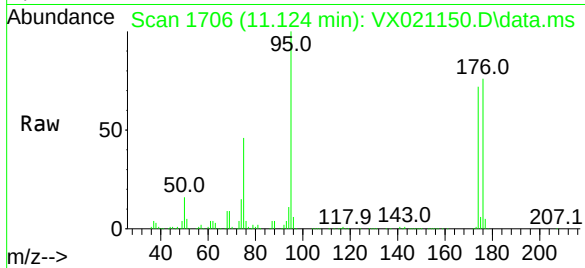




#62
4-Bromofluorobenzene
Concen: 54.19 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

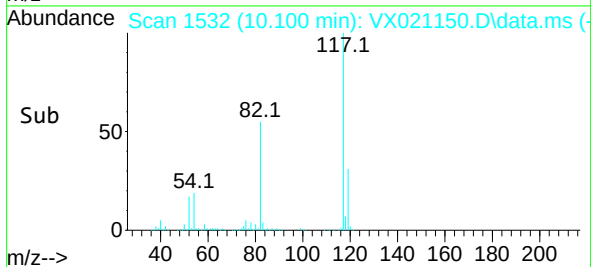
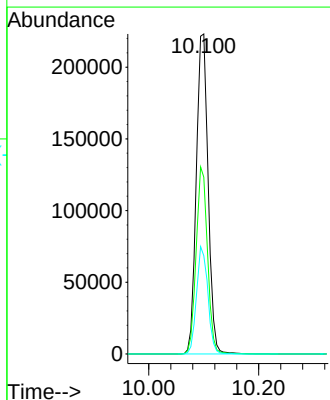
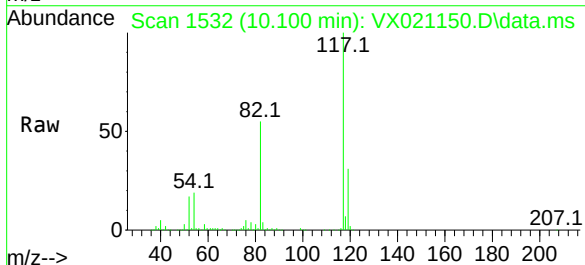
Instrument :
MSVOA_X
ClientSampleId :

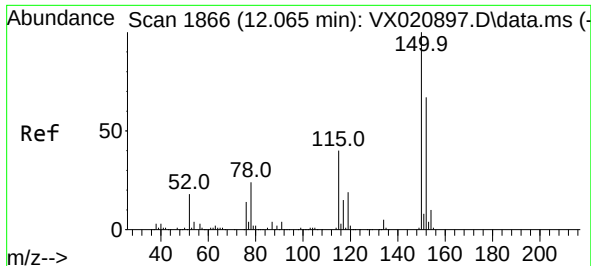
Tgt Ion: 95 Resp: 165767
Ion Ratio Lower Upper
95 100
174 74.7 0.0 154.6
176 73.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.100 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

Tgt Ion: 117 Resp: 333676
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 30.7 26.6 39.8

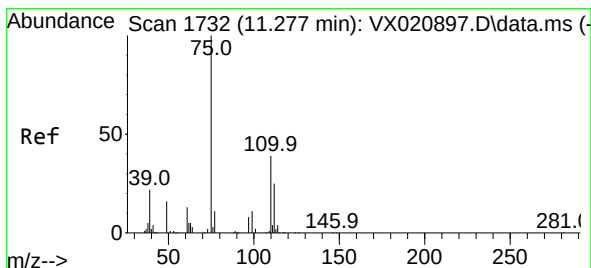
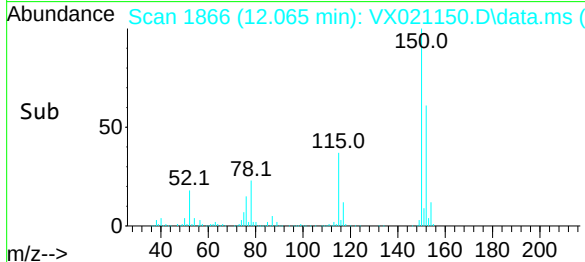
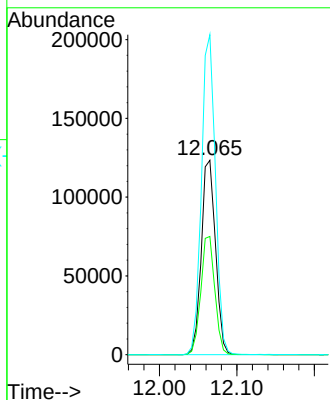
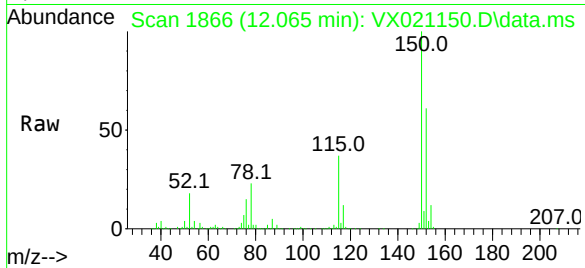




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

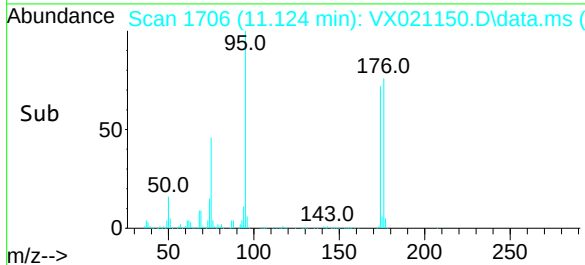
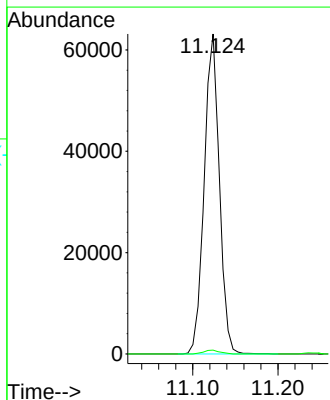
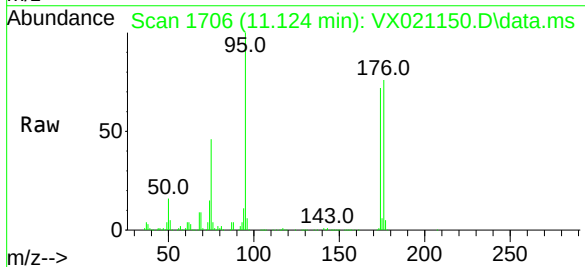
Instrument :
MSVOA_X
ClientSampleId :

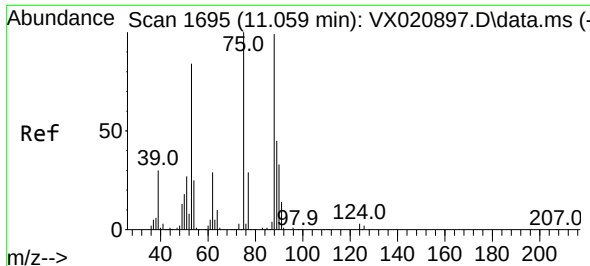
Tgt Ion:152 Resp: 157347
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 161.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.02 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. -0.153 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

Tgt Ion: 75 Resp: 77909
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

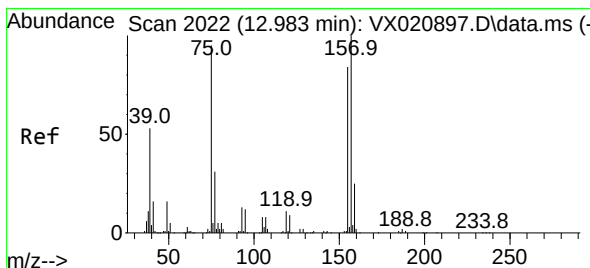
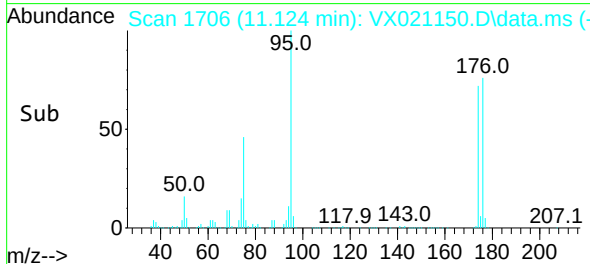
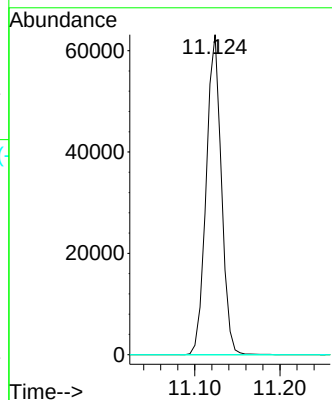
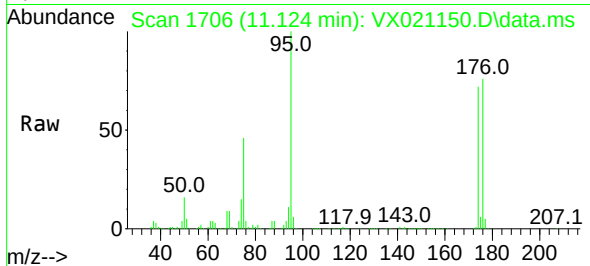




#81
trans-1,4-Dichloro-2-butene
Concen: 50.96 ug/l
RT: 11.124 min Scan# 1706
Delta R.T. 0.065 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

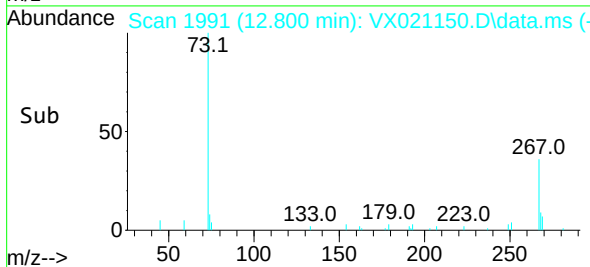
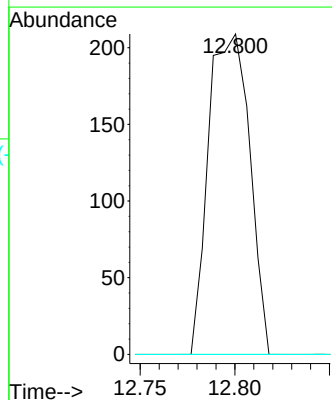
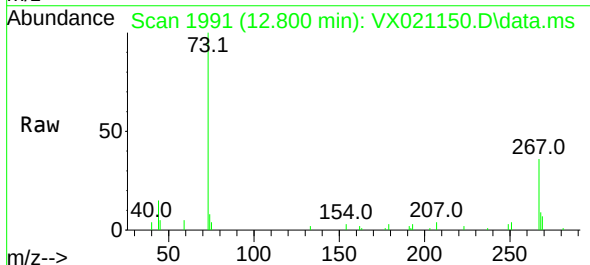
Instrument :
MSVOA_X
ClientSampleId :

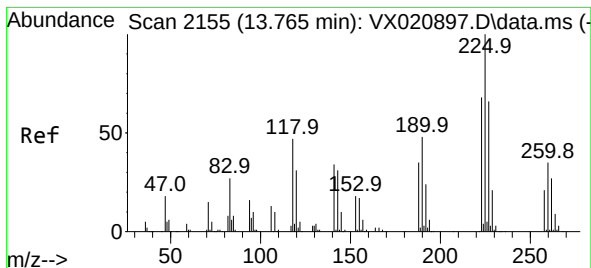
Tgt Ion: 75 Resp: 77909
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.34 ug/l
RT: 12.800 min Scan# 1991
Delta R.T. -0.183 min
Lab File: VX021150.D
Acq: 11 Mar 2021 12:48

Tgt Ion: 75 Resp: 316
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#





#94

Hexachlorobutadiene

Concen: 0.29 ug/l

RT: 13.765 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VX021150.D

Acq: 11 Mar 2021 12:48

Tgt Ion:225 Resp: 372

Ion Ratio Lower Upper

225 100

223 39.8 31.1 93.2

227 51.1 31.6 95.0

