

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011321\
 Data File : VX020591.D
 Acq On : 13 Jan 2021 14:02
 Operator : JC/MD
 Sample : M1056-01
 Misc : 5.96g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

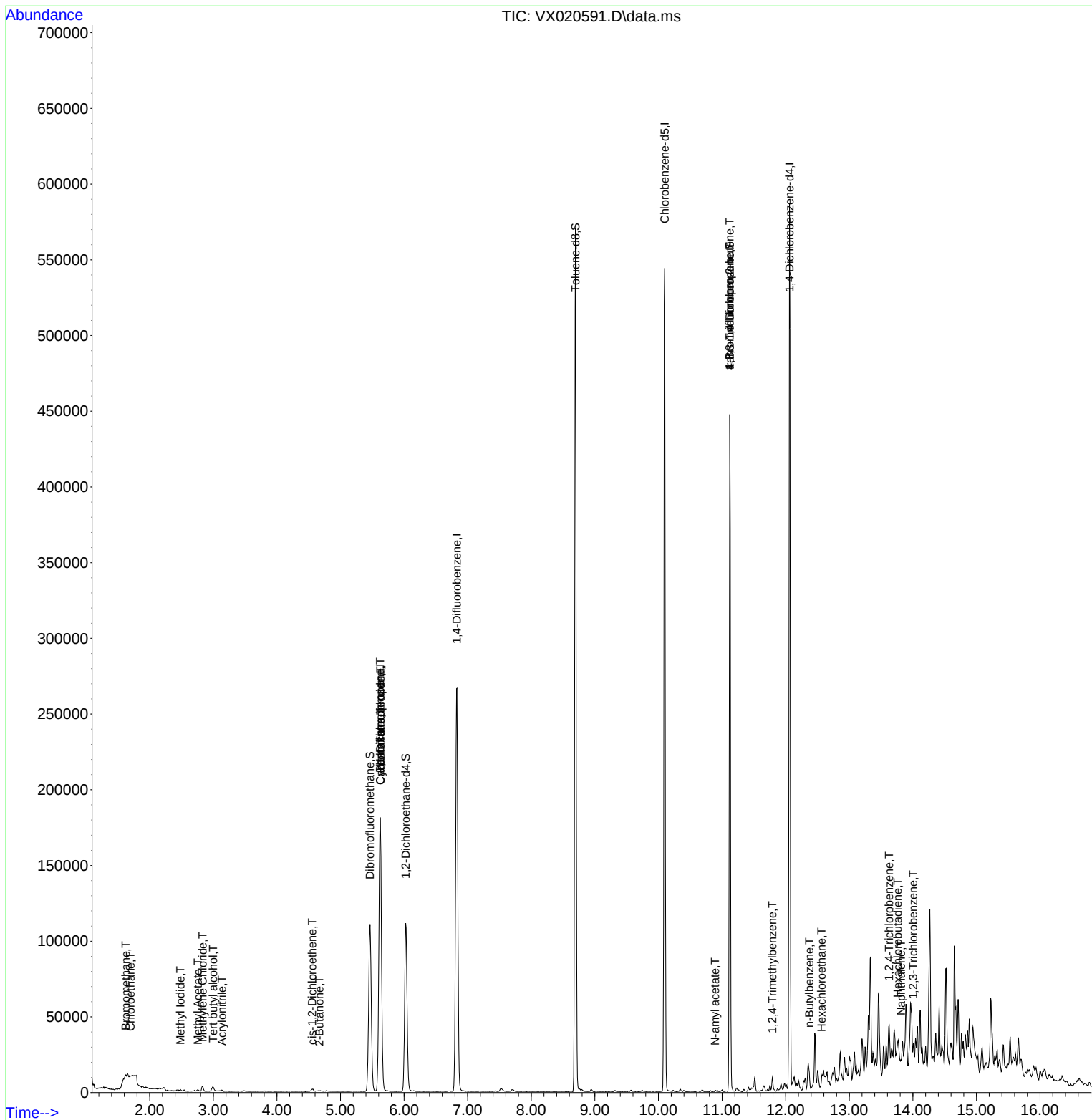
Quant Time: Jan 13 14:23:00 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

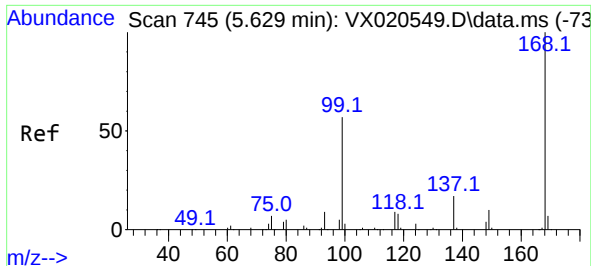
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	178142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	286197	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	270438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	130256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	108689	50.80	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	101.60%		
35) Dibromofluoromethane	5.464	113	96800	48.81	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.62%		
50) Toluene-d8	8.696	98	343322	48.38	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.76%		
62) 4-Bromofluorobenzene	11.122	95	121898	48.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.30%		
Target Compounds						Qvalue
5) Bromomethane	1.624	94	647	0.51	ug/l	100
6) Chloroethane	1.697	64	101	0.50	ug/l #	86
10) Methyl Iodide	2.483	142	1077	0.45	ug/l #	96
11) Tert butyl alcohol	2.995	59	2163	3.28	ug/l #	73
15) Acrylonitrile	3.136	53	211	0.23	ug/l #	81
16) Acetone	2.435	43	755	Below Cal		91
18) Methyl Acetate	2.758	43	1346	0.71	ug/l #	89
20) Methylene Chloride	2.831	84	1650	0.82	ug/l	97
25) 2-Butanone	4.666	43	421	0.36	ug/l #	45
27) cis-1,2-Dichloroethene	4.556	96	985	0.46	ug/l	98
31) Cyclohexane	5.629	56	3125	1.24	ug/l #	4
36) 1,1-Dichloropropene	5.623	75	12861	4.92	ug/l #	49
38) Carbon Tetrachloride	5.629	117	17616	5.77	ug/l #	16
74) N-amyl acetate	10.890	43	109	1.27	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	56877	20.73	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	56877	56.48	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.793	105	3477	0.47	ug/l	98
89) n-Butylbenzene	12.372	91	3309	0.50	ug/l #	67
90) Hexachloroethane	12.567	117	365	0.25	ug/l #	9
93) 1,2,4-Trichlorobenzene	13.628	180	786	0.28	ug/l #	21
94) Hexachlorobutadiene	13.762	225	501	1.21	ug/l	90
95) Naphthalene	13.817	128	5211	4.34	ug/l #	88
96) 1,2,3-Trichlorobenzene	14.006	180	938	0.33	ug/l #	10

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

Quant Time: Jan 13 14:23:00 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration

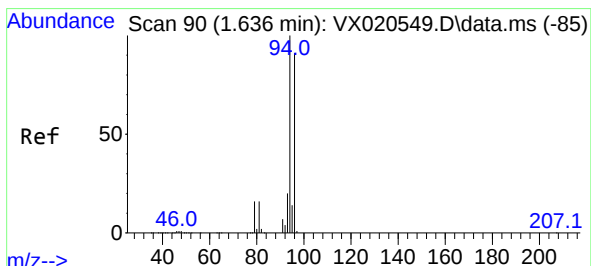
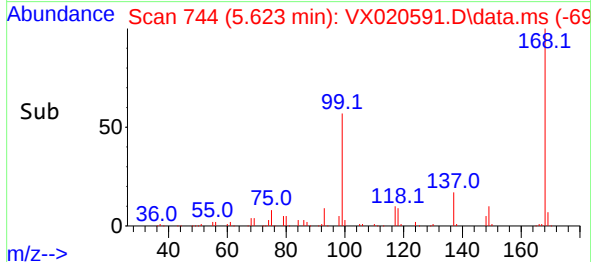
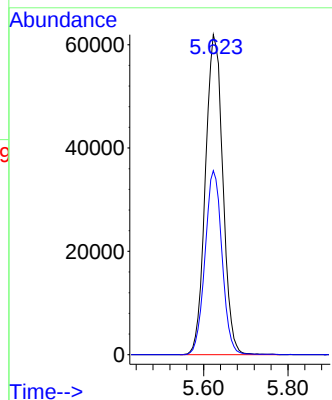
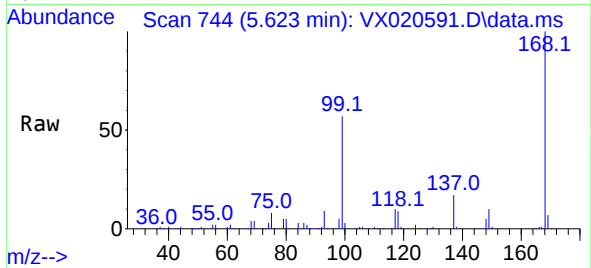




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

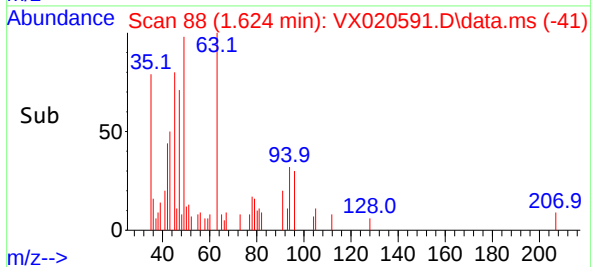
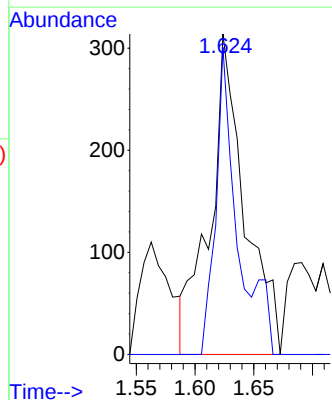
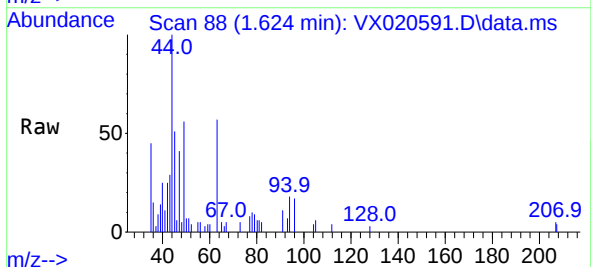
Instrument :
MSVOA_X
ClientSampled :

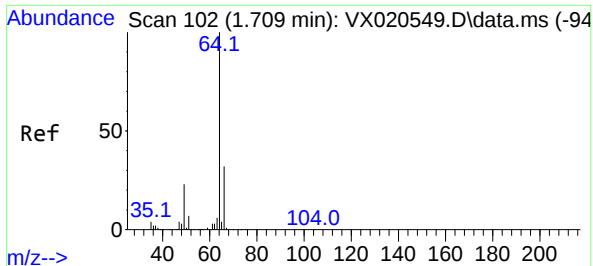
Tgt Ion:168 Resp: 178142
Ion Ratio Lower Upper
168 100
99 57.5 45.8 68.6



#5
Bromomethane
Concen: 0.51 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.012 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Tgt Ion: 94 Resp: 647
Ion Ratio Lower Upper
94 100
96 95.9 76.4 114.6

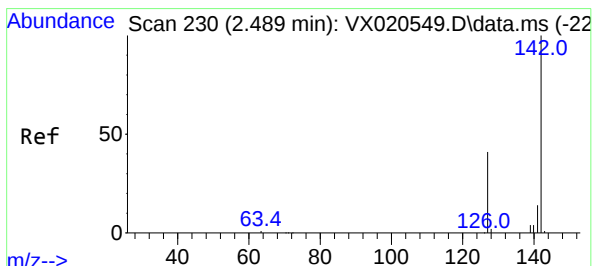
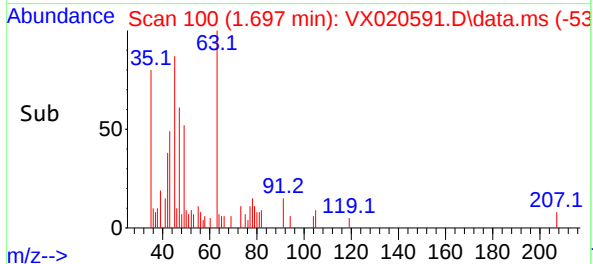
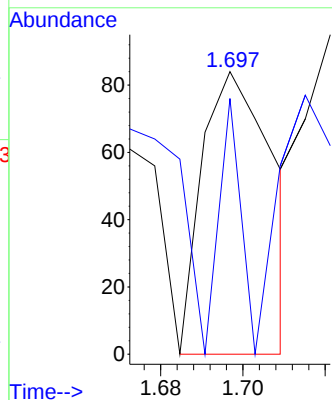
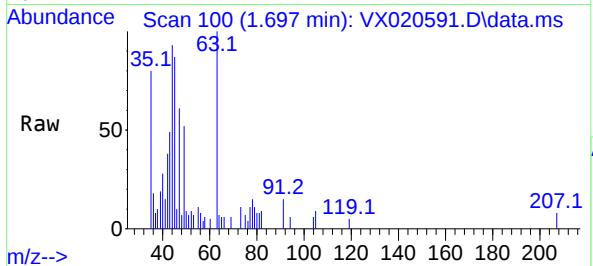




#6
Chloroethane
Concen: 0.50 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.012 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

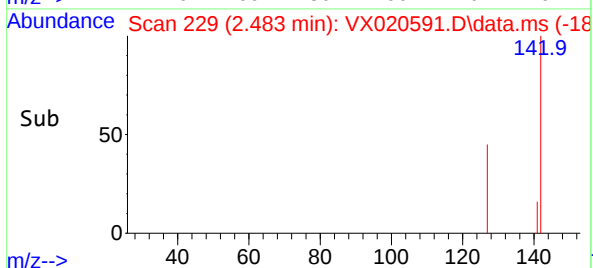
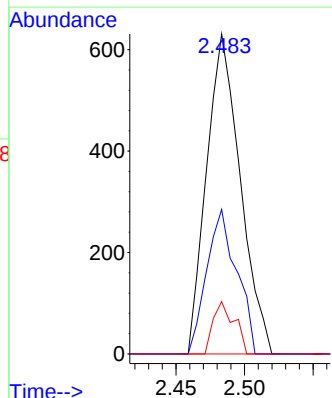
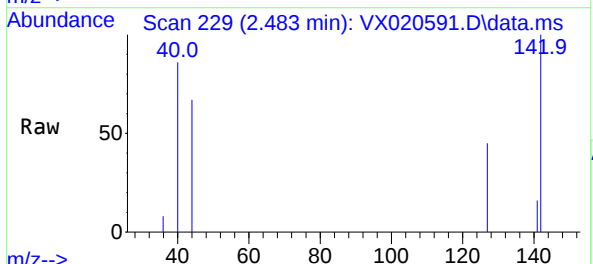
Instrument :
MSVOA_X
ClientSampled :

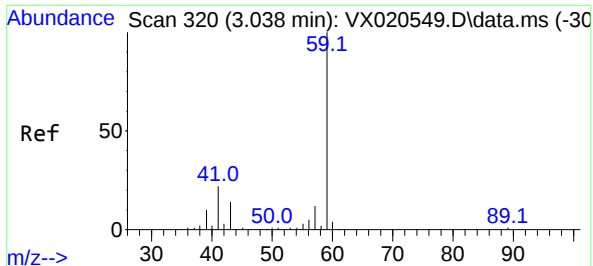
Tgt Ion: 64 Resp: 101
Ion Ratio Lower Upper
64 100
66 23.8 25.4 38.0#



#10
Methyl Iodide
Concen: 0.45 ug/l
RT: 2.483 min Scan# 229
Delta R.T. -0.006 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Tgt Ion:142 Resp: 1077
Ion Ratio Lower Upper
142 100
127 40.2 33.3 49.9
141 10.3 11.4 17.0#



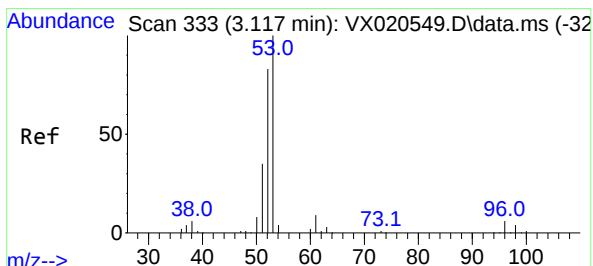
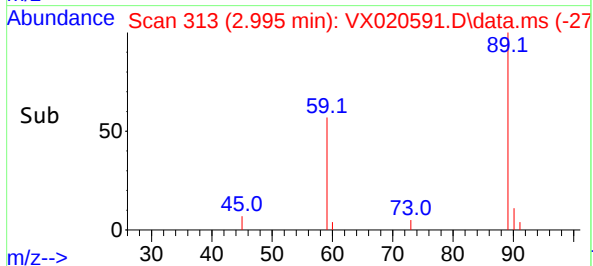
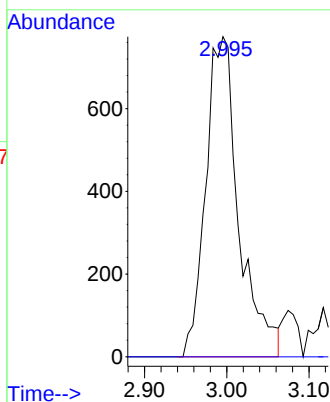
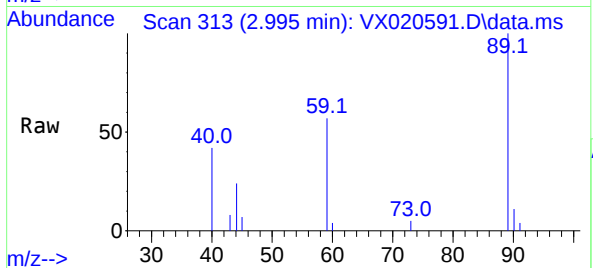


#11

Tert butyl alcohol
Concen: 3.28 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.043 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Tgt Ion: 59 Resp: 2163
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

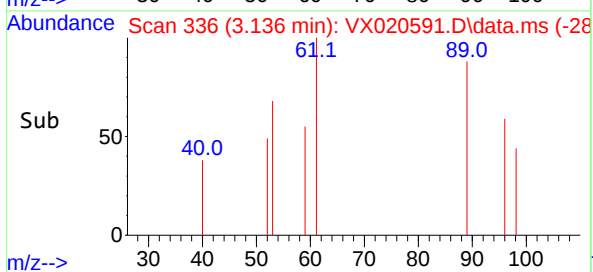
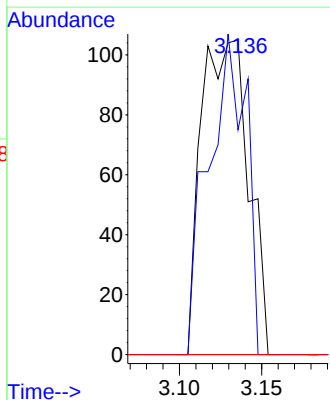
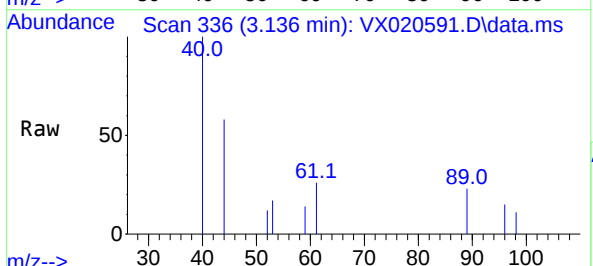
Instrument :
MSVOA_X
ClientSampled :

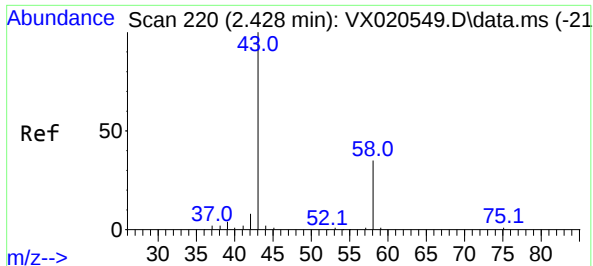


#15

Acrylonitrile
Concen: 0.23 ug/l
RT: 3.136 min Scan# 336
Delta R.T. 0.019 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Tgt Ion: 53 Resp: 211
Ion Ratio Lower Upper
53 100
52 80.6 65.3 97.9
51 0.0 28.2 42.2#

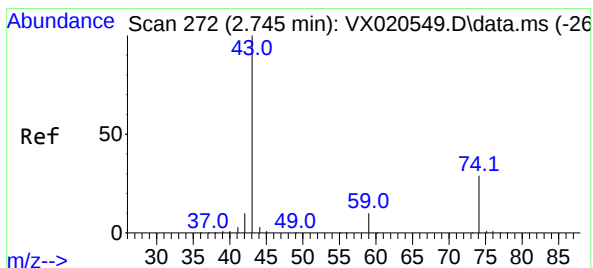
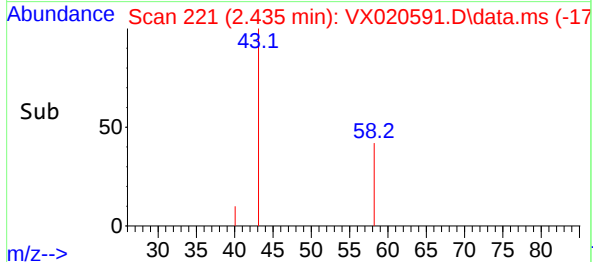
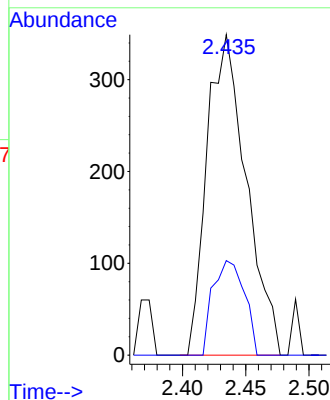
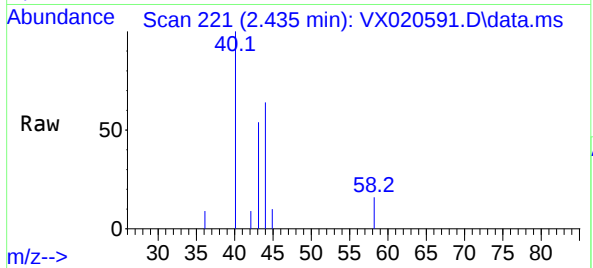




#16
Acetone
Concen: Below Cal
RT: 2.435 min Scan# 221
Delta R.T. 0.007 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

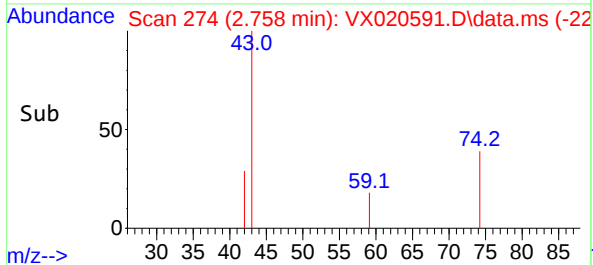
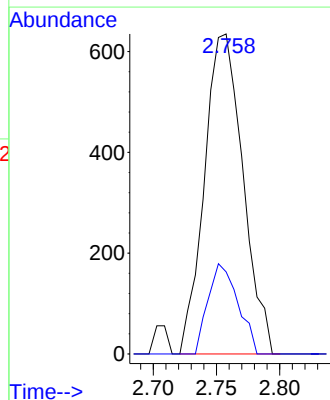
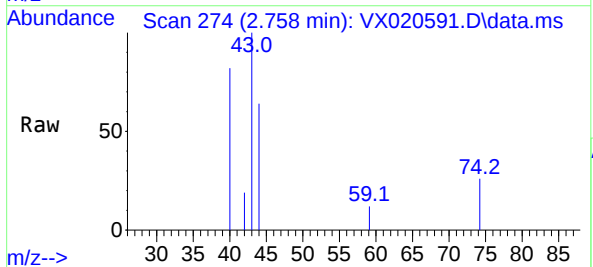
Instrument :
MSVOA_X
ClientSampleId :

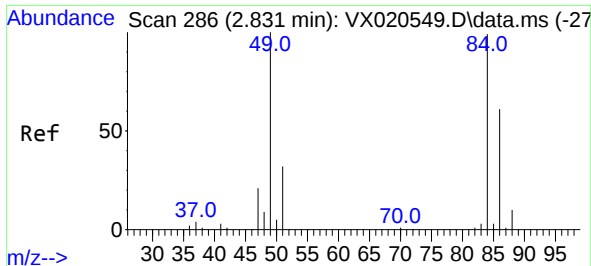
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8



#18
Methyl Acetate
Concen: 0.71 ug/l
RT: 2.758 min Scan# 274
Delta R.T. 0.013 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

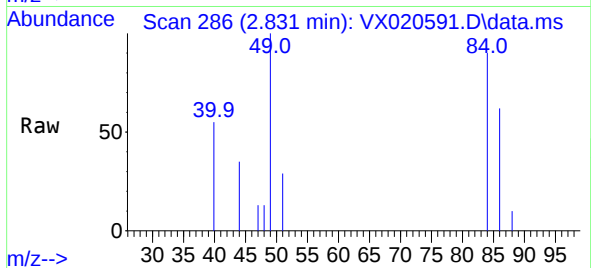
Tgt Ion: 43 Resp: 1346
Ion Ratio Lower Upper
43 100
74 21.8 21.9 32.9#





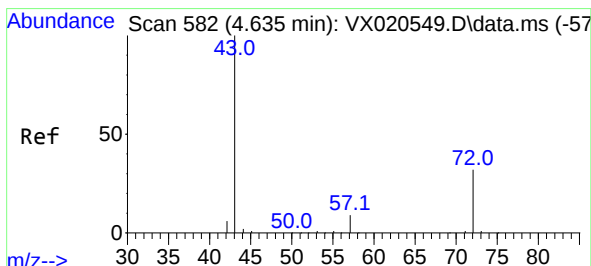
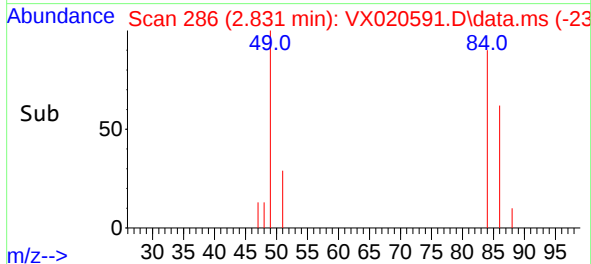
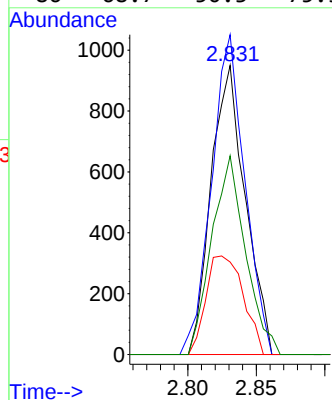
#20
Methylene Chloride
Concen: 0.82 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1650

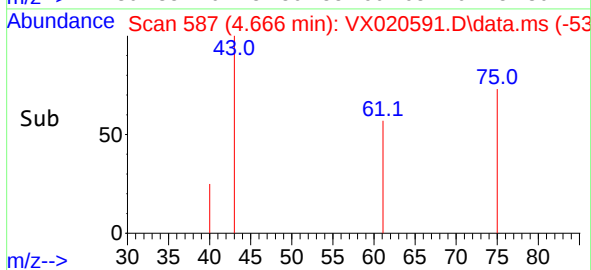
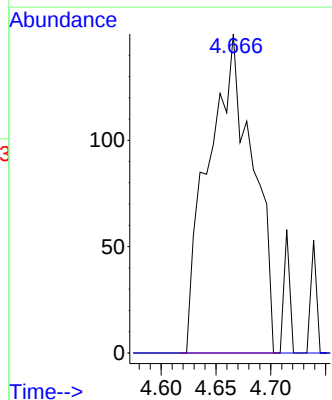
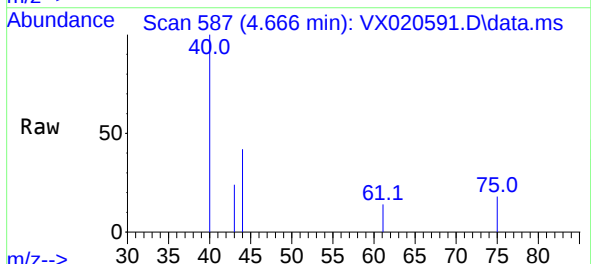
Ion	Ratio	Lower	Upper
84	100		
49	110.6	88.6	132.8
51	32.0	27.0	40.6
86	68.7	50.3	75.5

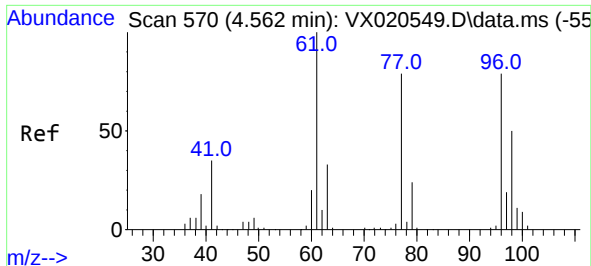


#25
2-Butanone
Concen: 0.36 ug/l
RT: 4.666 min Scan# 587
Delta R.T. 0.031 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Tgt Ion: 43 Resp: 421

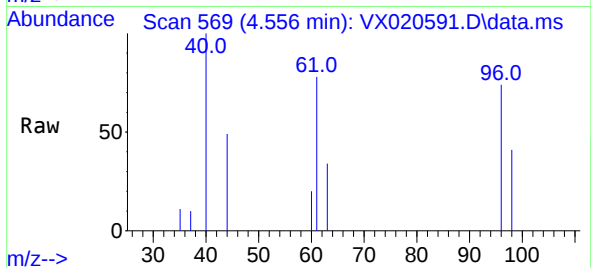
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#





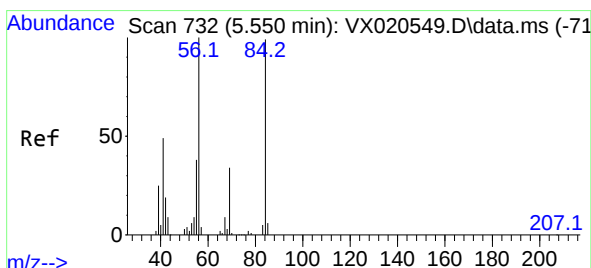
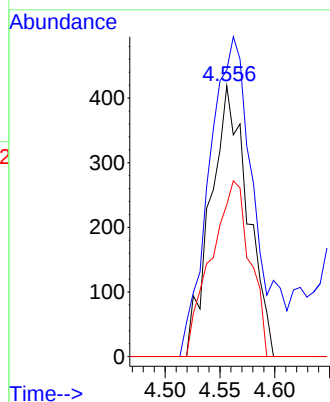
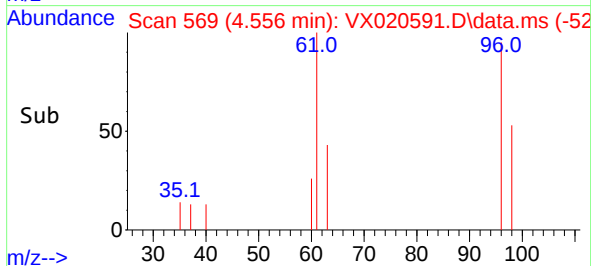
#27
cis-1,2-Dichloroethene
Concen: 0.46 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Instrument :
MSVOA_X
ClientSampleId :

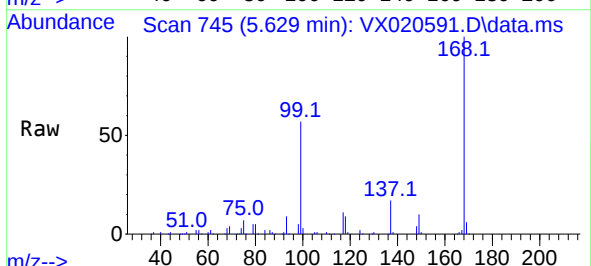


Tgt Ion: 96 Resp: 985

Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	285.6
98	68.1	0.0	129.6

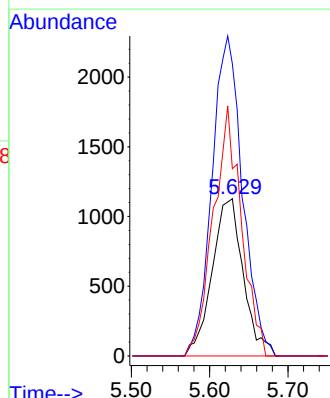
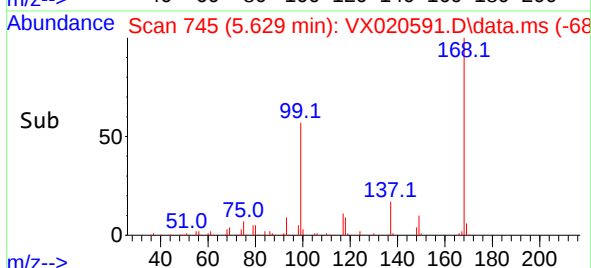


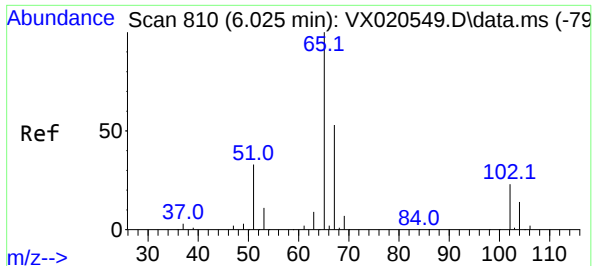
#31
Cyclohexane
Concen: 1.24 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.079 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02



Tgt Ion: 56 Resp: 3125

Ion	Ratio	Lower	Upper
56	100		
69	185.7	25.3	37.9#
84	119.0	71.4	107.0#



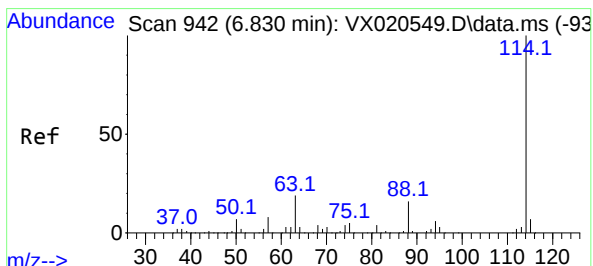
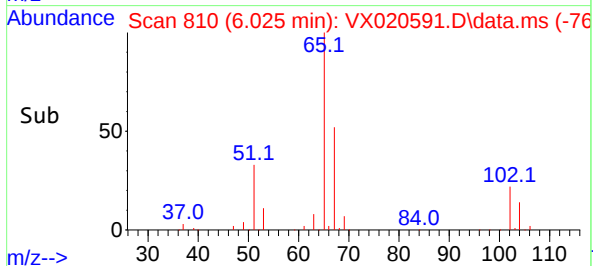
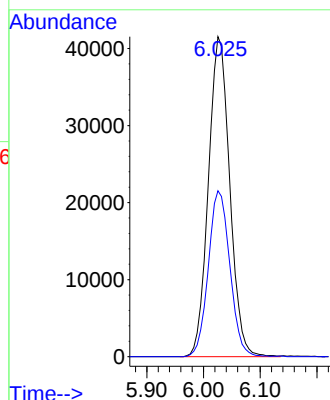
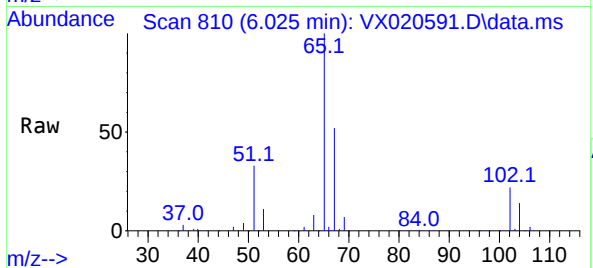


#33

1,2-Dichloroethane-d4
Concen: 50.80 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Instrument :
MSVOA_X
ClientSampled :

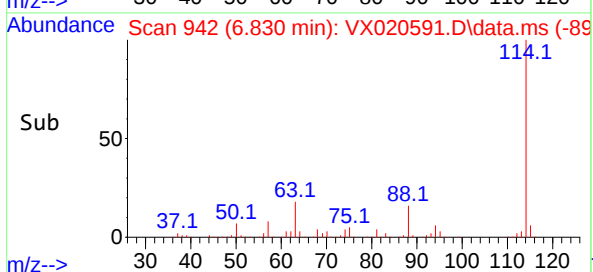
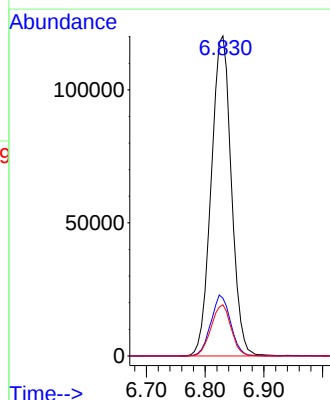
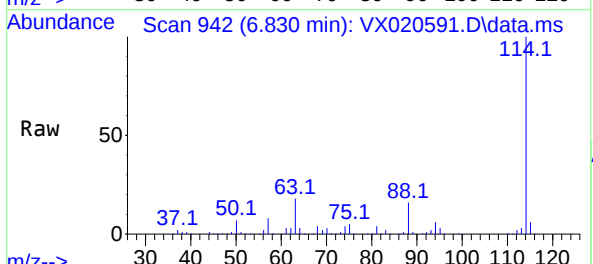
Tgt Ion: 65 Resp: 108689
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

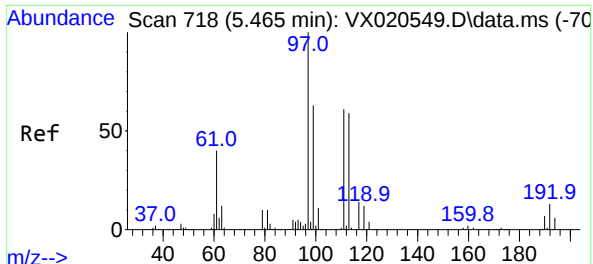


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Tgt Ion: 114 Resp: 286197
Ion Ratio Lower Upper
114 100
63 18.0 0.0 40.8
88 16.0 0.0 32.8

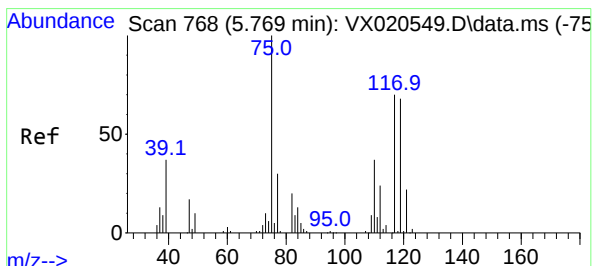
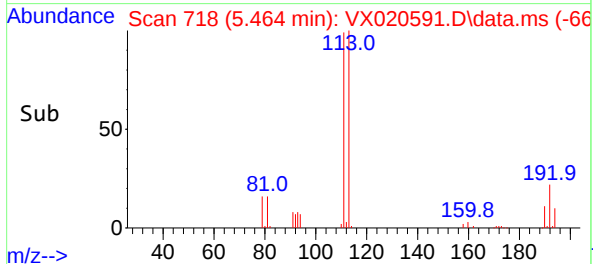
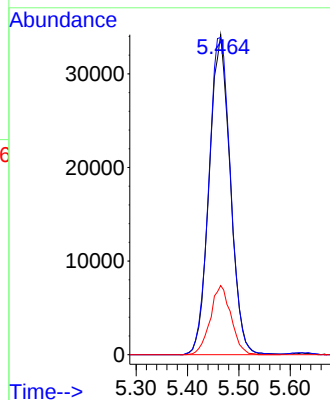
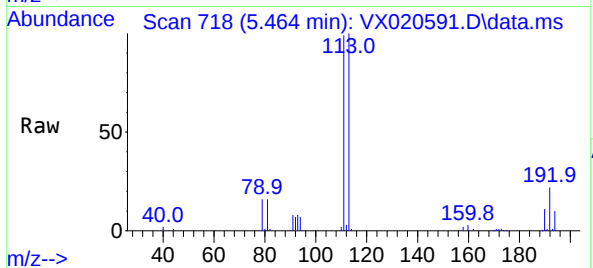




#35
Dibromofluoromethane
Concen: 48.81 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

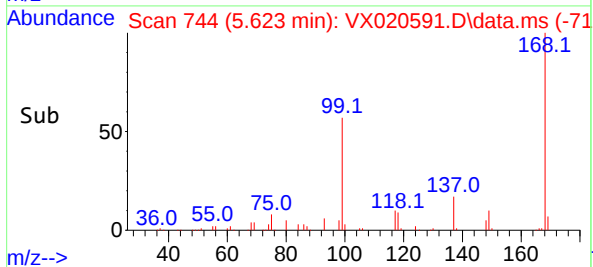
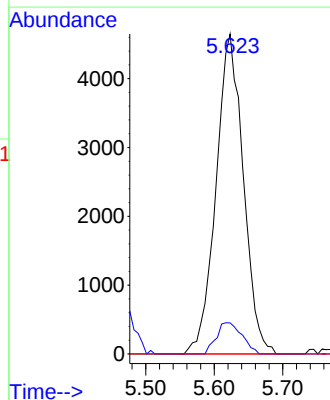
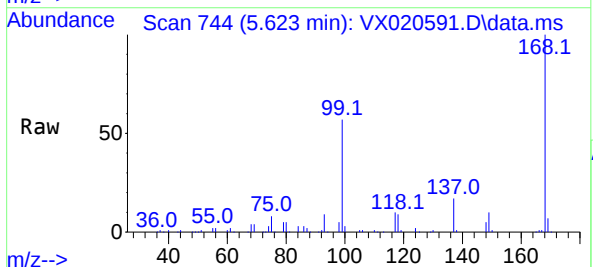
Instrument :
MSVOA_X
ClientSampleId :

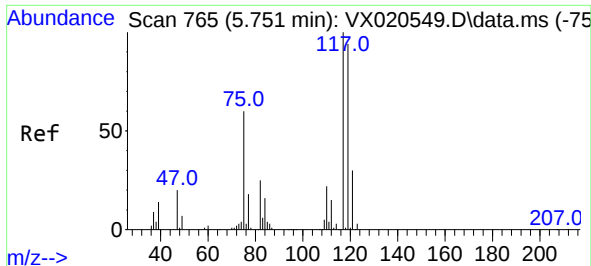
Tgt Ion:113 Resp: 96800
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 21.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.92 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

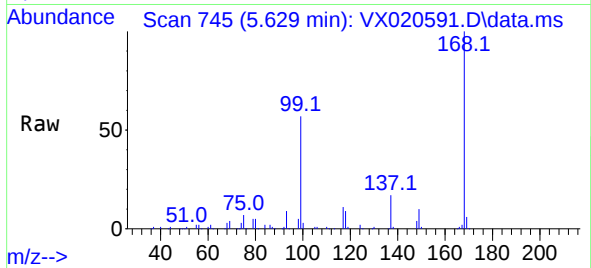
Tgt Ion: 75 Resp: 12861
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



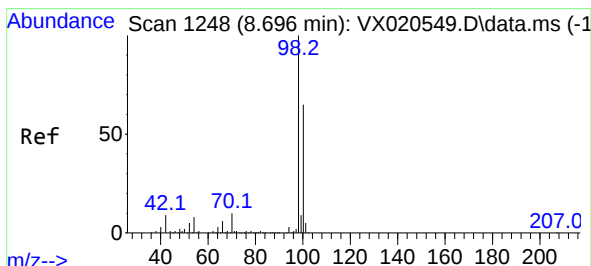
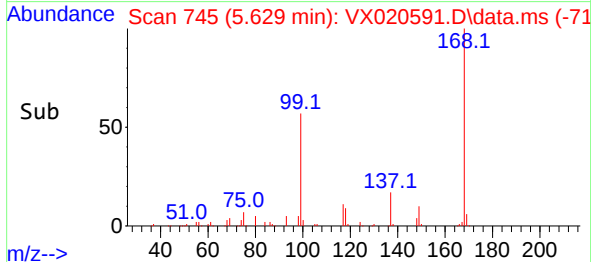
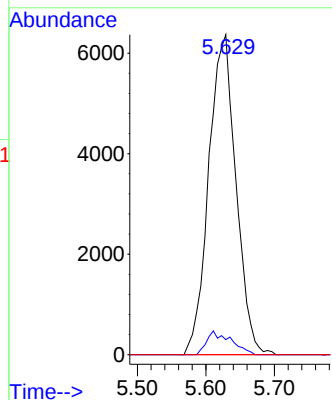


#38
Carbon Tetrachloride
Concen: 5.77 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Instrument :
MSVOA_X
ClientSampled :

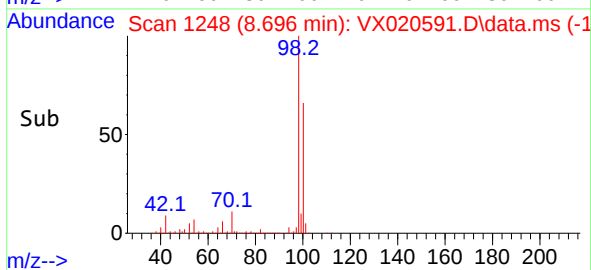
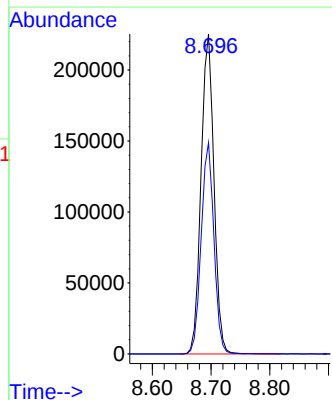
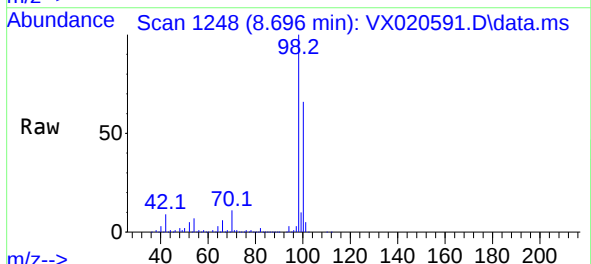


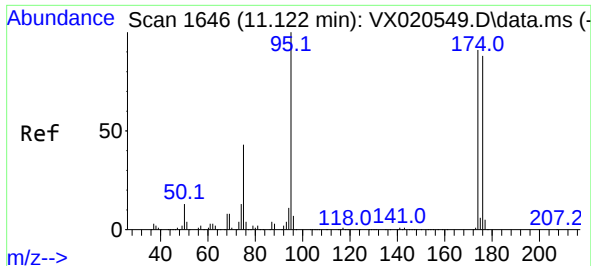
Tgt Ion:117 Resp: 17616
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.38 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Tgt Ion: 98 Resp: 343322
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

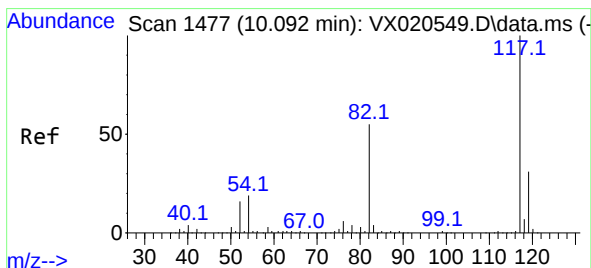
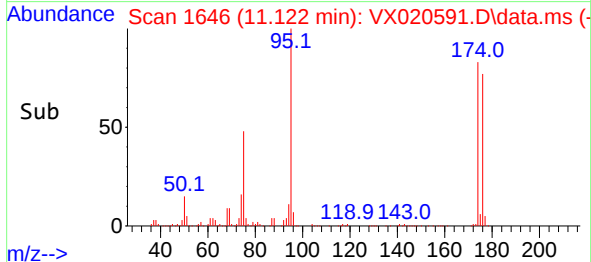
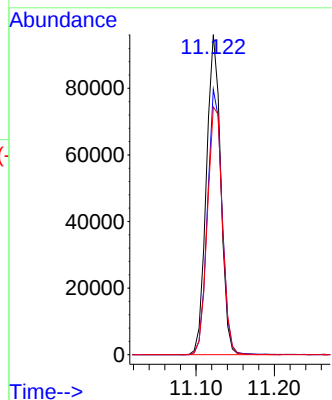
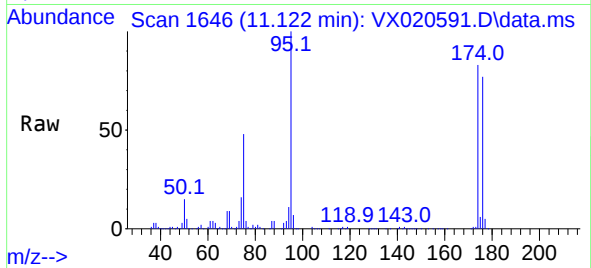




#62
4-Bromofluorobenzene
Concen: 48.65 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

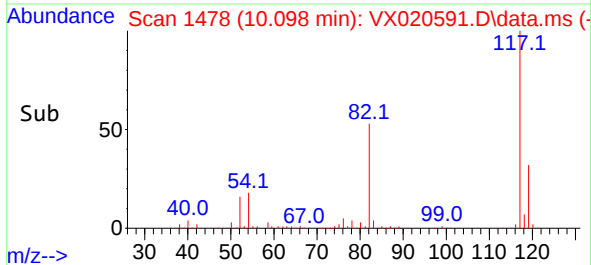
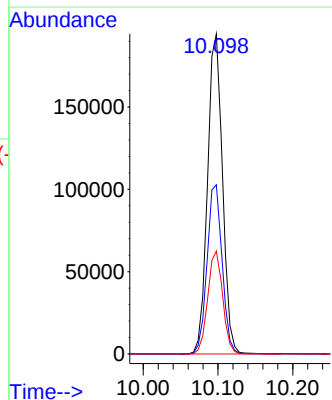
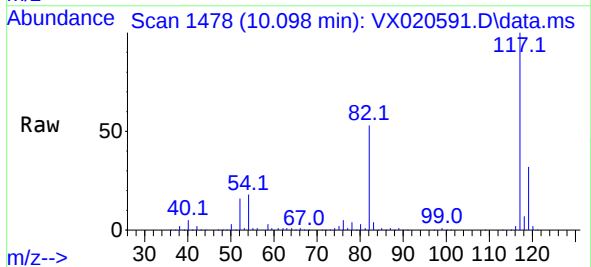
Instrument :
MSVOA_X
ClientSampleId :

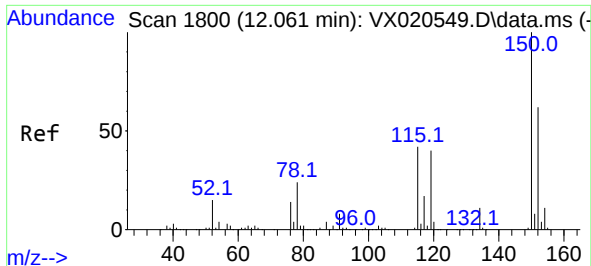
Tgt Ion: 95 Resp: 121898
Ion Ratio Lower Upper
95 100
174 84.0 0.0 154.6
176 81.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Tgt Ion: 117 Resp: 270438
Ion Ratio Lower Upper
117 100
82 52.9 47.4 71.2
119 32.2 26.6 39.8

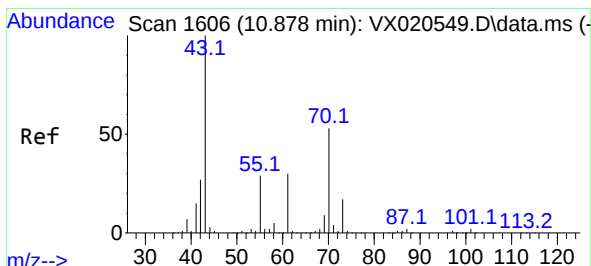
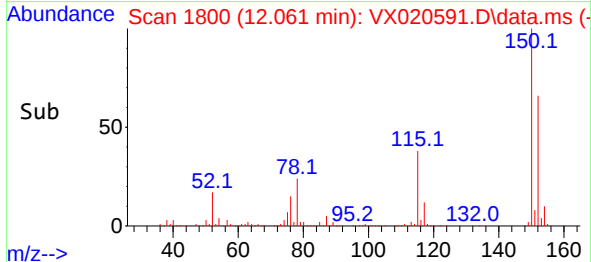
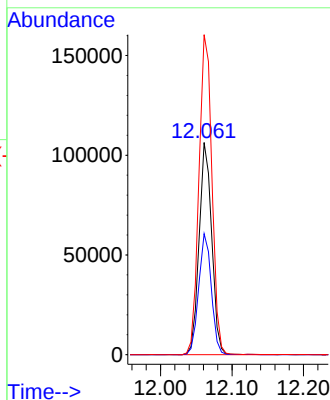
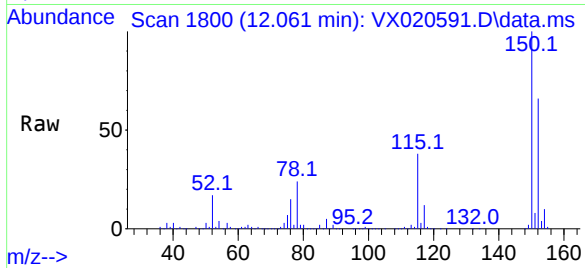




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

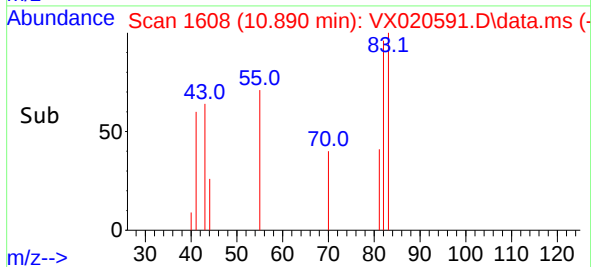
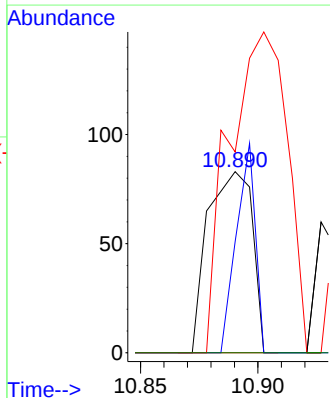
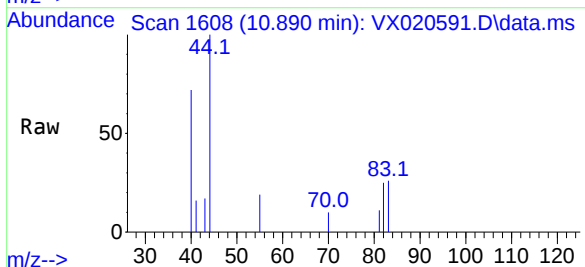
Instrument :
MSVOA_X
ClientSampled :

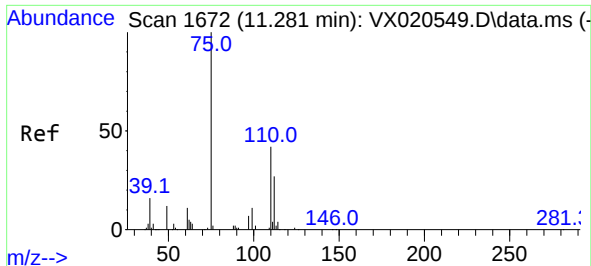
Tgt Ion:152 Resp: 130256
Ion Ratio Lower Upper
152 100
115 57.1 41.1 123.3
150 155.4 0.0 349.0



#74
N-ethyl acetate
Concen: 1.27 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.012 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Tgt Ion: 43 Resp: 109
Ion Ratio Lower Upper
43 100
70 49.5 39.0 58.6
55 231.2 21.5 32.3#
61 0.0 22.1 33.1#

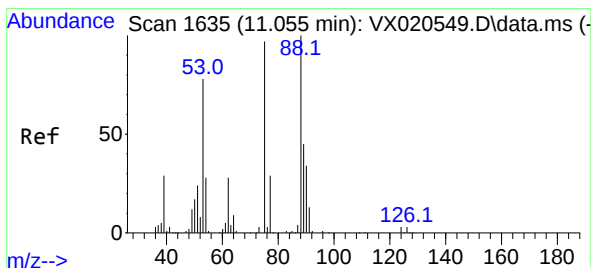
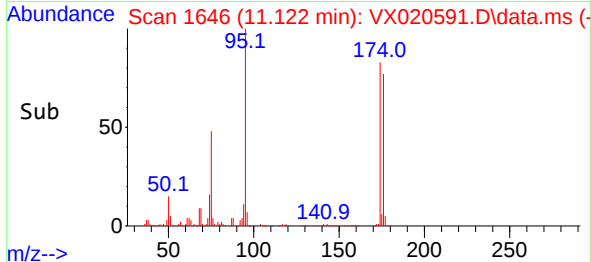
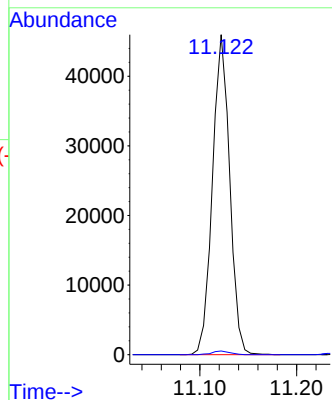
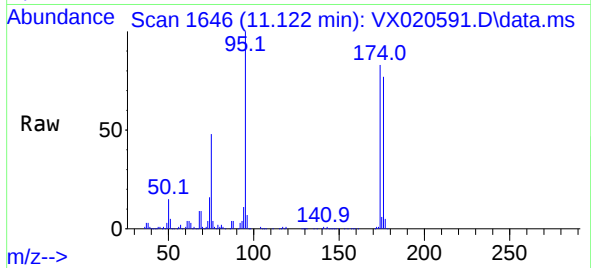




#76
1,2,3-Trichloropropane
Concen: 20.73 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

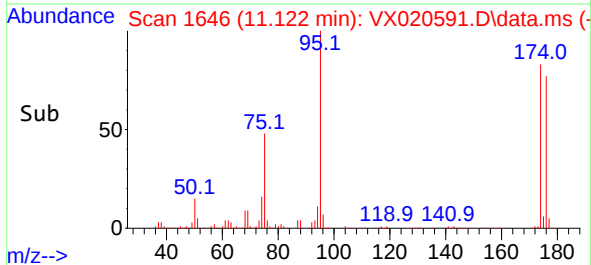
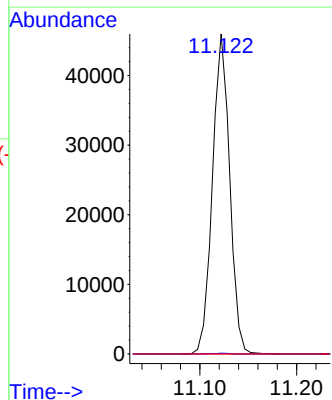
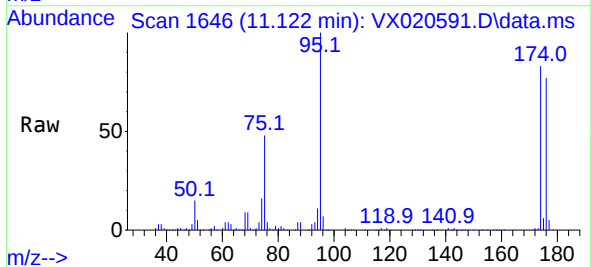
Instrument :
MSVOA_X
ClientSampled :

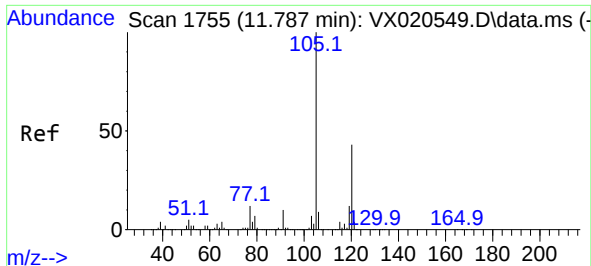
Tgt Ion: 75 Resp: 56877
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.48 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Tgt Ion: 75 Resp: 56877
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

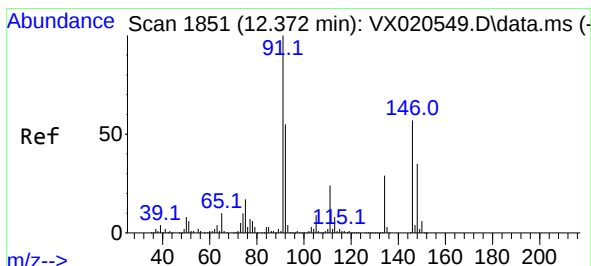
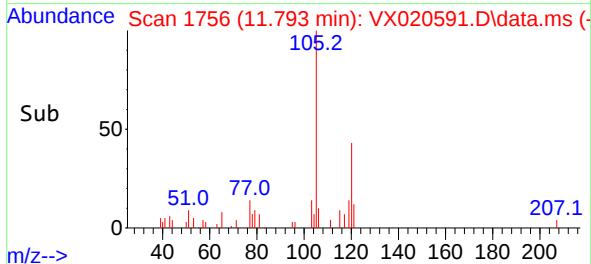
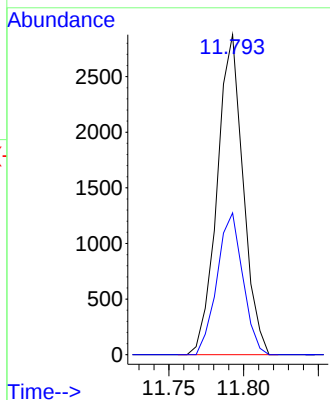
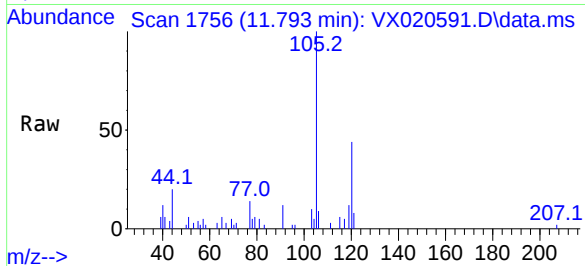




#84
1,2,4-Trimethylbenzene
Concen: 0.47 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

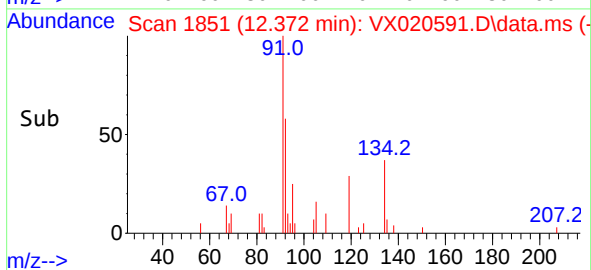
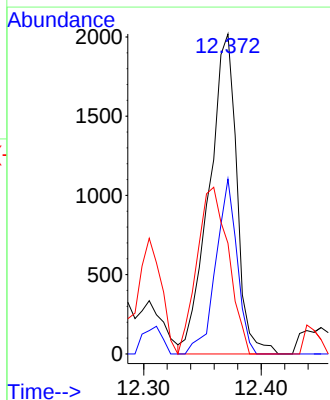
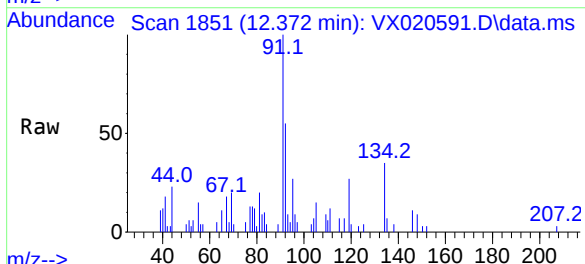
Instrument :
MSVOA_X
ClientSampled :

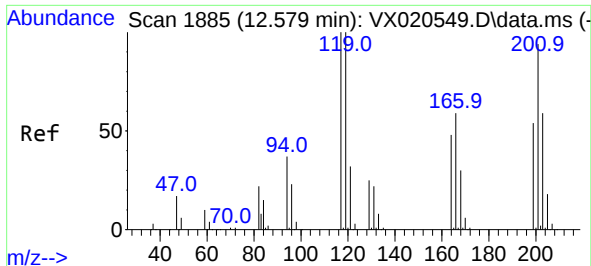
Tgt Ion:105 Resp: 3477
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.3



#89
n-Butylbenzene
Concen: 0.50 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Tgt Ion: 91 Resp: 3309
Ion Ratio Lower Upper
91 100
92 41.9 27.4 82.0
134 59.1 13.2 39.5#

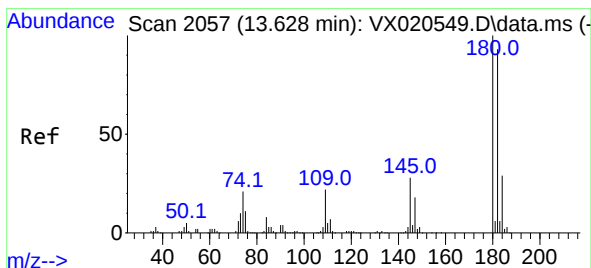
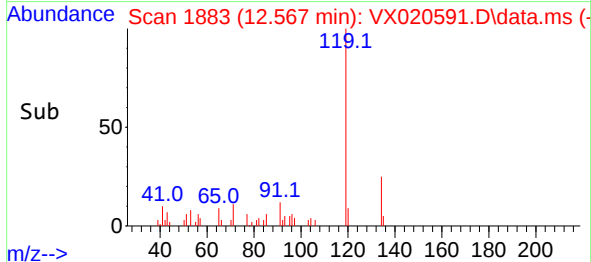
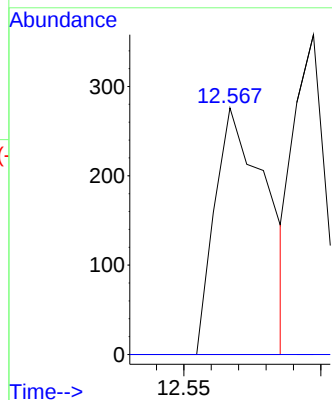
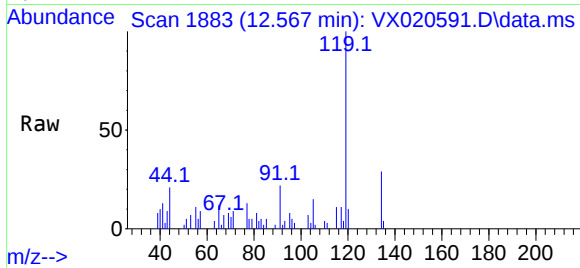




#90
Hexachloroethane
Concen: 0.25 ug/l
RT: 12.567 min Scan# 1883
Delta R.T. -0.012 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

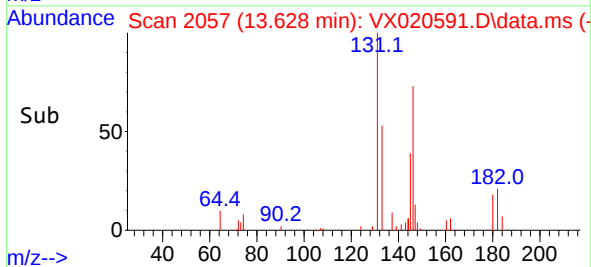
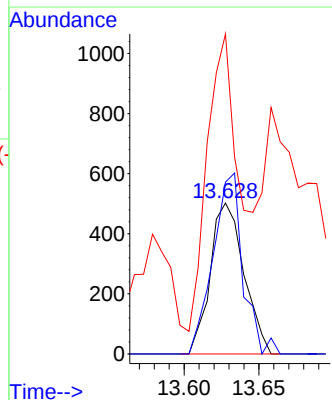
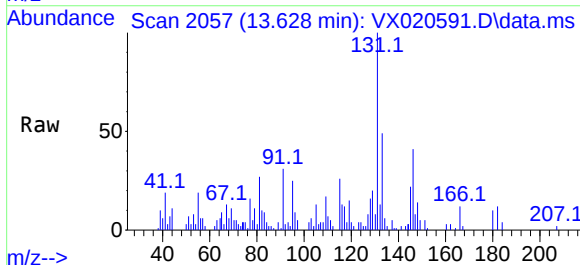
Instrument :
MSVOA_X
ClientSampled :

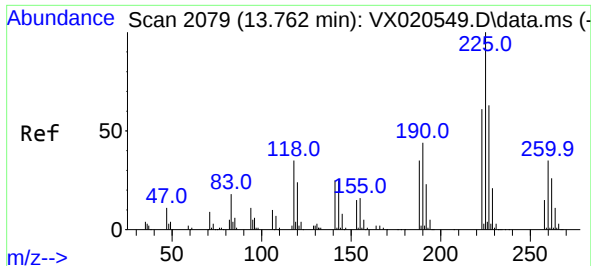
Tgt Ion:117 Resp: 365
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.28 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

Tgt Ion:180 Resp: 786
Ion Ratio Lower Upper
180 100
182 106.0 47.7 143.1
145 189.6 15.0 45.0#

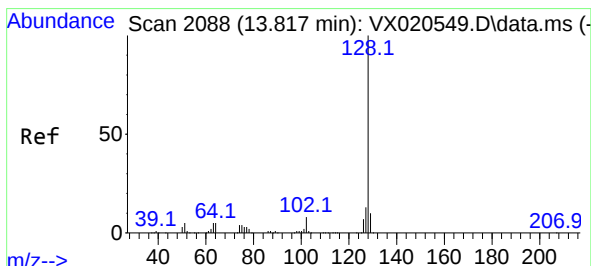
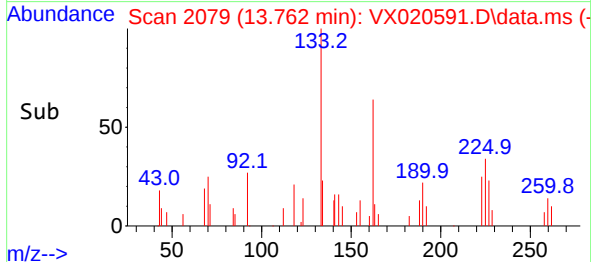
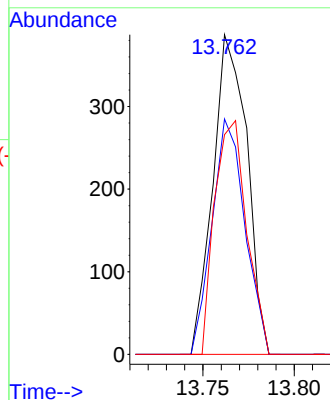
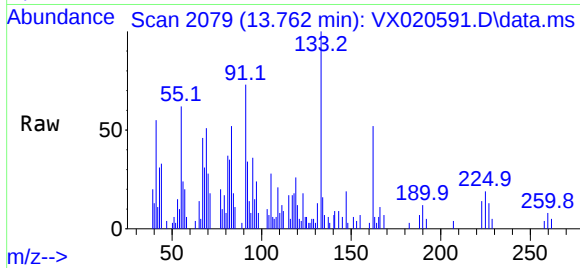




#94
Hexachlorobutadiene
Concen: 1.21 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.000 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

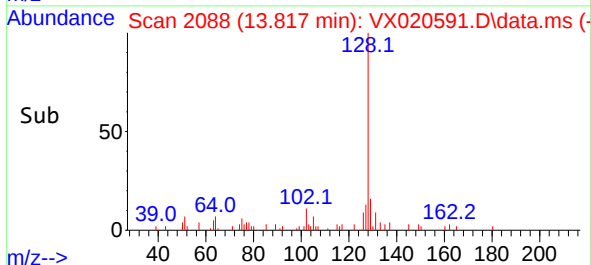
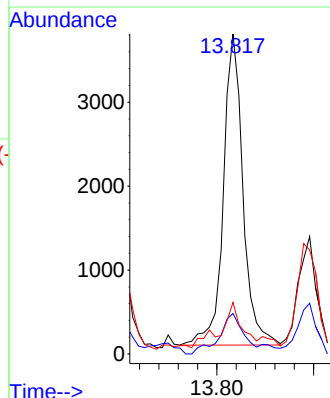
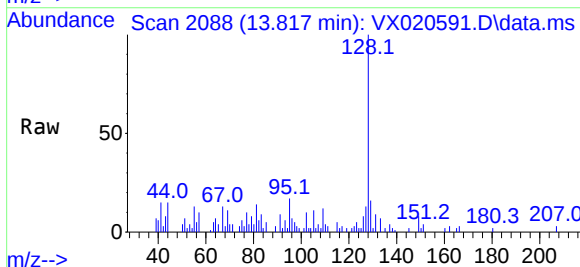
Instrument :
MSVOA_X
ClientSampled :

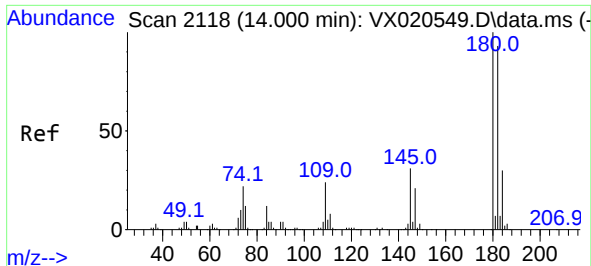
Tgt Ion:	225	Resp:	501
Ion	Ratio	Lower	Upper
225	100		
223	71.5	31.1	93.2
227	69.1	31.6	95.0



#95
Naphthalene
Concen: 4.34 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020591.D
Acq: 13 Jan 2021 14:02

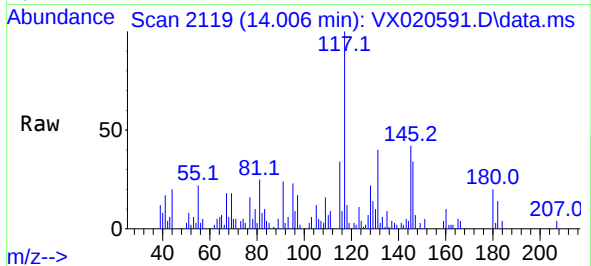
Tgt Ion:	128	Resp:	5211
Ion	Ratio	Lower	Upper
128	100		
127	18.7	10.3	15.5#
129	14.1	8.8	13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.33 ug/l
 RT: 14.006 min Scan# 2119
 Delta R.T. 0.006 min
 Lab File: VX020591.D
 Acq: 13 Jan 2021 14:02

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 938
 Ion Ratio Lower Upper
 180 100
 182 77.4 47.6 142.9
 145 200.2 16.1 48.3#

