

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
 Data File : VX020574.D
 Acq On : 12 Jan 2021 13:04
 Operator : JC/MD
 Sample : M1083-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP

Quant Time: Jan 13 00:25:24 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	5.629	168	180934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	289529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	265856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	124853	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.031	65	110319	50.76	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.52%
35) Dibromofluoromethane	5.464	113	98208	48.95	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.90%
50) Toluene-d8	8.695	98	359275	50.05	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.10%
62) 4-Bromofluorobenzene	11.122	95	120776	47.64	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.28%

Target Compounds

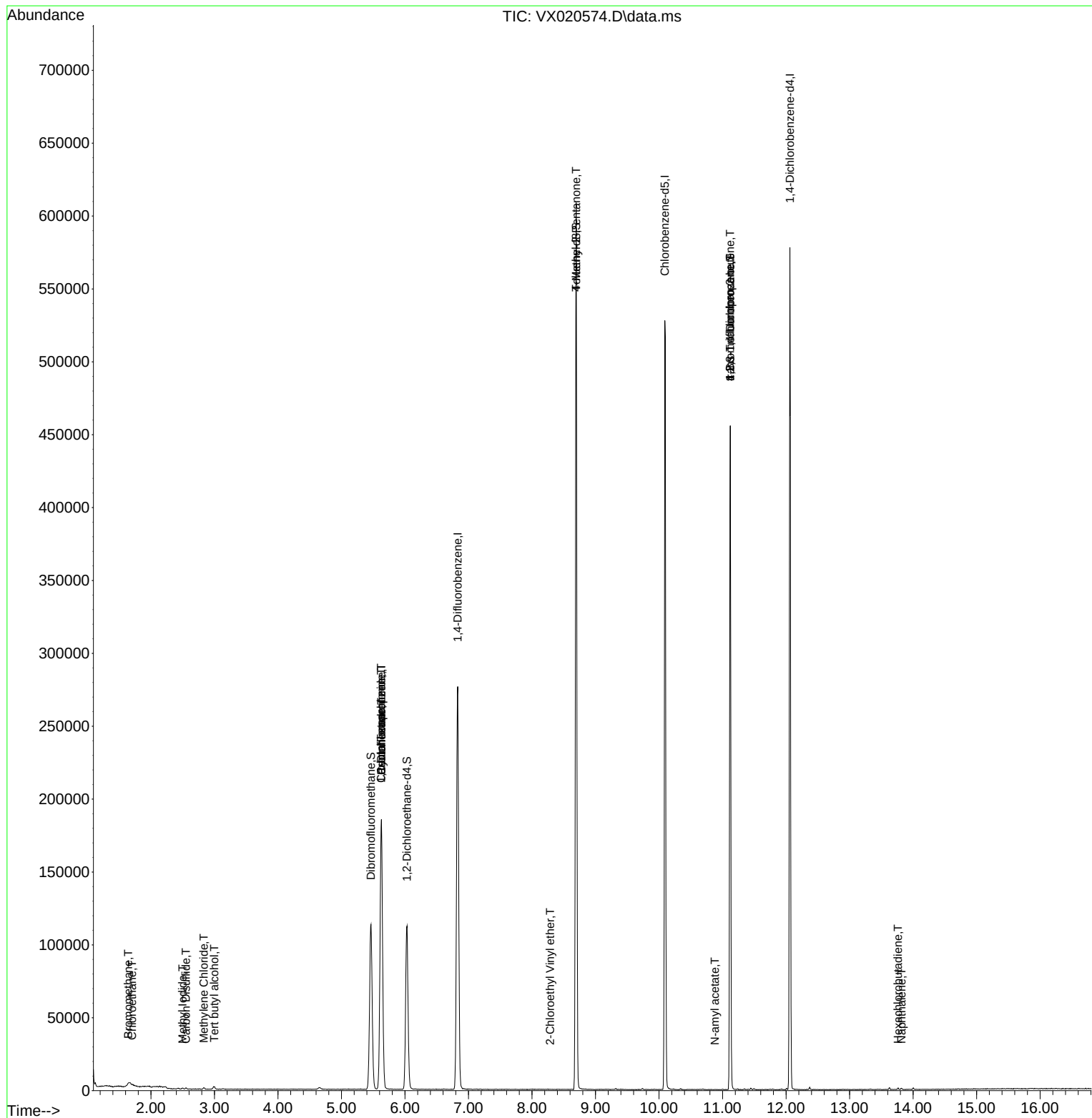
						Qvalue
5) Bromomethane	1.642	94	293	0.23	ug/l	97
6) Chloroethane	1.703	64	21	0.44	ug/l #	43
10) Methyl Iodide	2.495	142	778	0.32	ug/l #	89
11) Tert butyl alcohol	2.995	59	1166	0.67	ug/l #	73
16) Acetone	2.428	43	569	Below	Cal #	87
17) Carbon Disulfide	2.550	76	1092	0.23	ug/l #	92
20) Methylene Chloride	2.831	84	477	0.23	ug/l	91
31) Cyclohexane	5.629	56	3119	1.22	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	12531	4.74	ug/l #	49
38) Carbon Tetrachloride	5.623	117	17068	5.53	ug/l #	17
51) 4-Methyl-2-Pentanone	8.695	43	1138	0.49	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.287	63	20	4.58	ug/l #	45
74) N-amyl acetate	10.878	43	19	1.24	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	57718	21.94	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	57718	59.79	ug/l #	12
94) Hexachlorobutadiene	13.762	225	234	1.03	ug/l	82
95) Naphthalene	13.816	128	857	3.93	ug/l	96

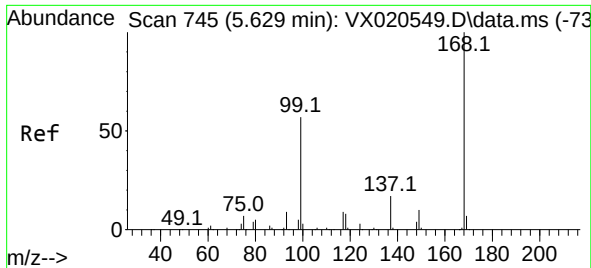
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
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MSVOA_X
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Quant Time: Jan 13 00:25:24 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

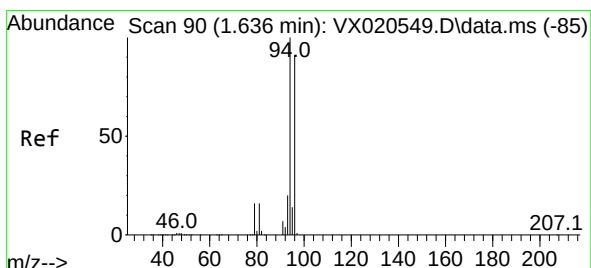
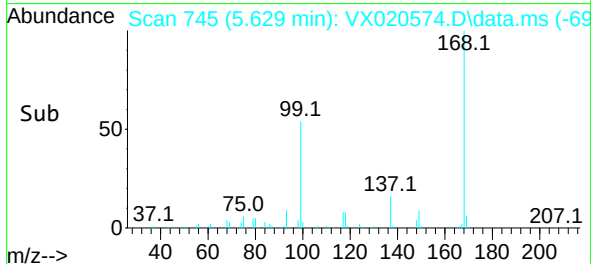
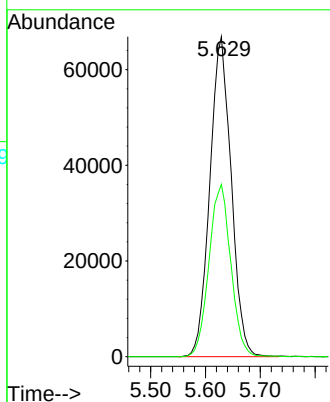
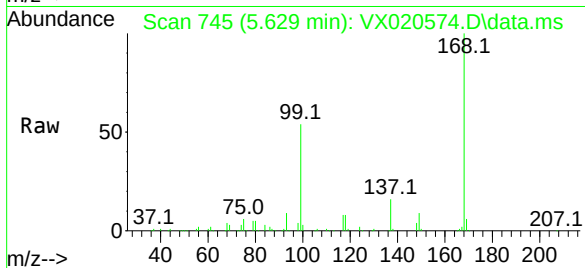




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

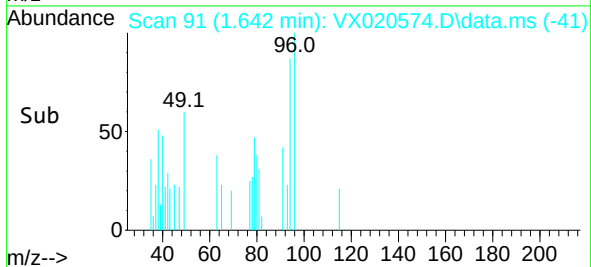
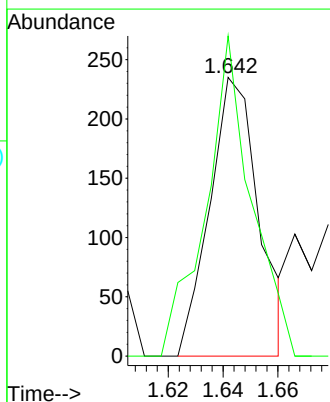
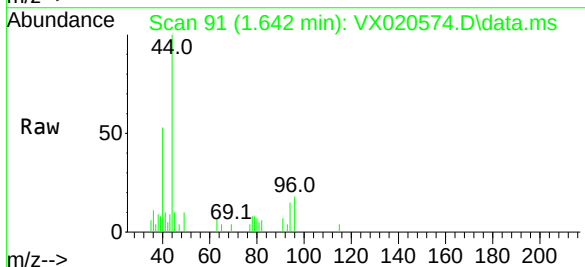
Instrument :
MSVOA_X
ClientSampleId :
TRIP

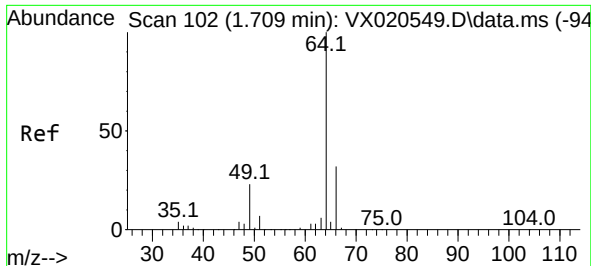
Tgt Ion:168 Resp: 180934
Ion Ratio Lower Upper
168 100
99 53.9 45.8 68.6



#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

Tgt Ion: 94 Resp: 293
Ion Ratio Lower Upper
94 100
96 92.3 76.4 114.6

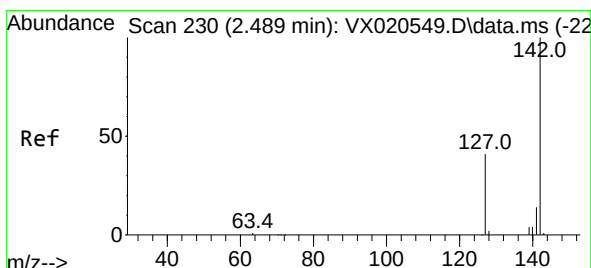
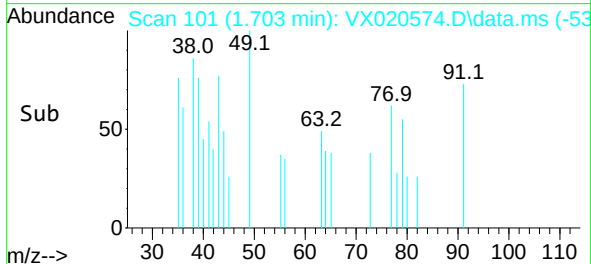
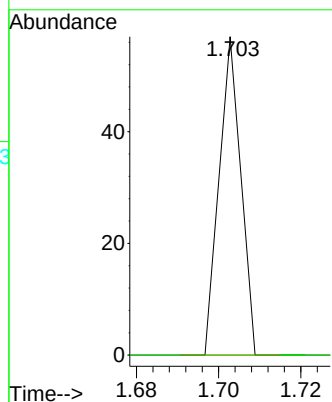
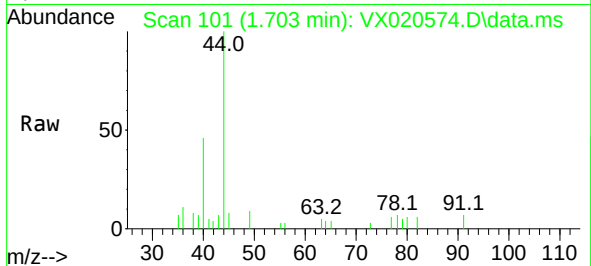




#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

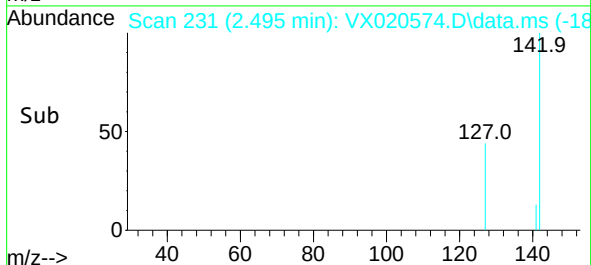
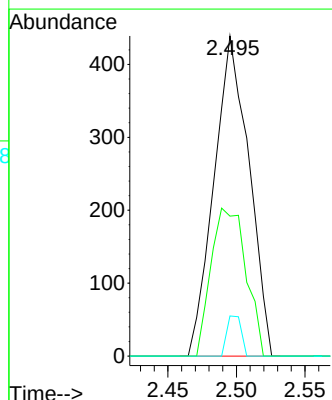
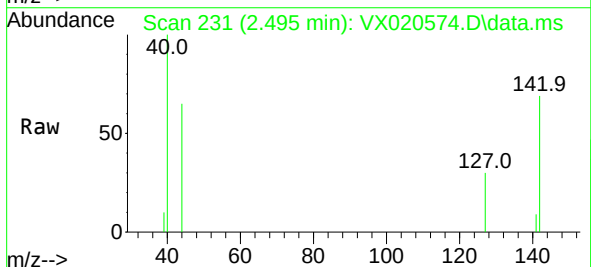
Instrument :
MSVOA_X
ClientSampled :
TRIP

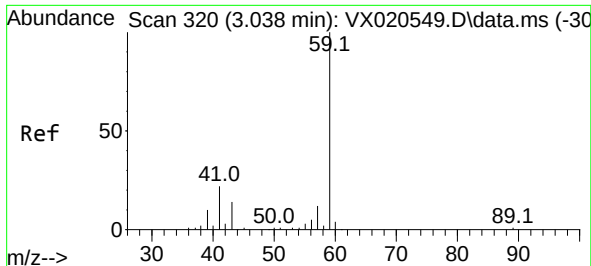
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.32 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

Tgt Ion: 142 Resp: 778
Ion Ratio Lower Upper
142 100
127 46.1 33.3 49.9
141 5.1 11.4 17.0#



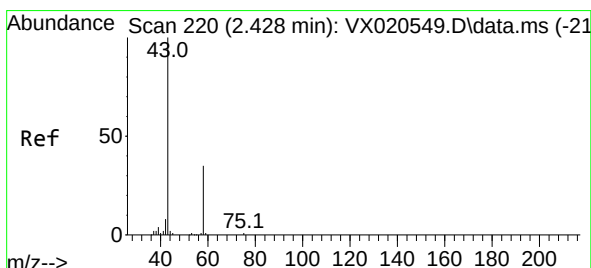
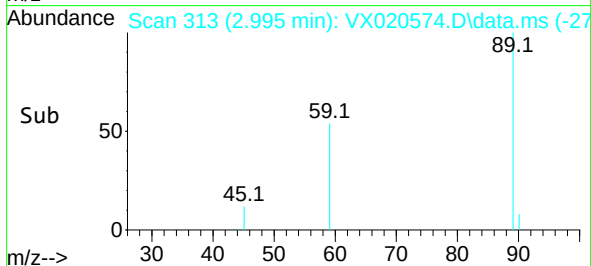
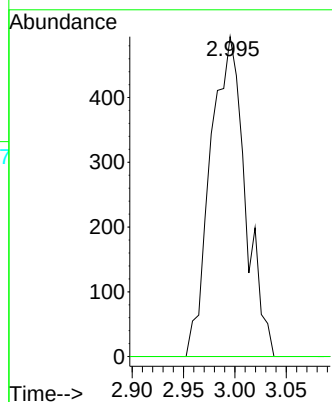
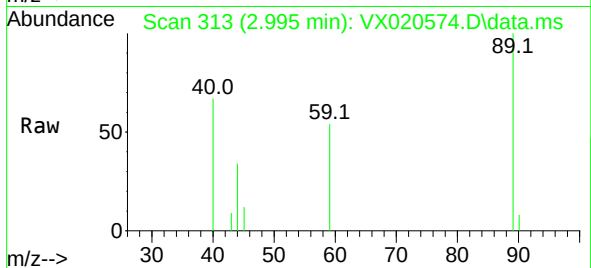


#11

Tert butyl alcohol
Concen: 0.67 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.043 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

Instrument :
MSVOA_X
ClientSampled :
TRIP

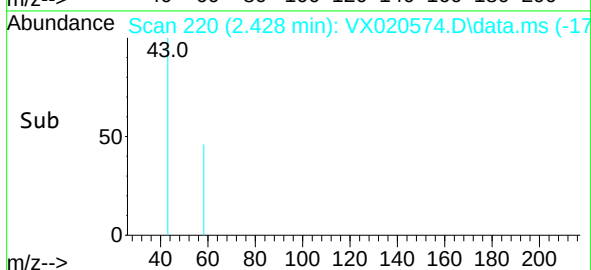
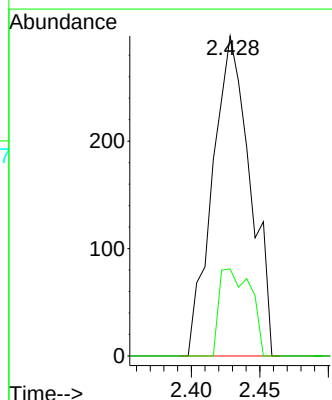
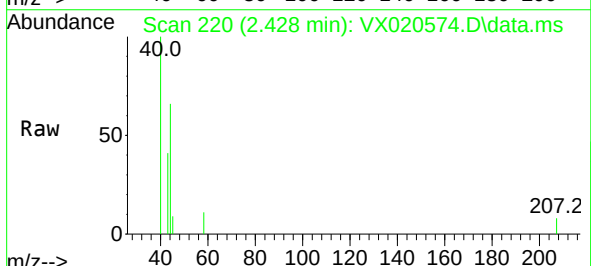
Tgt Ion: 59 Resp: 1166
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

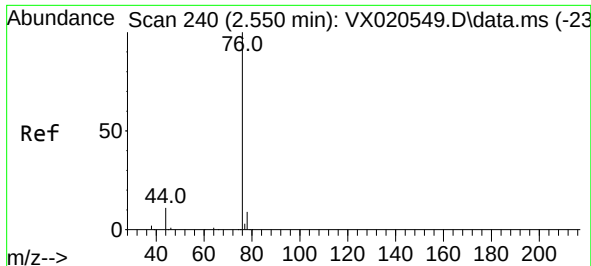


#16

Acetone
Concen: Below Cal
RT: 2.428 min Scan# 220
Delta R.T. 0.000 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
58 27.2 27.8 41.8#

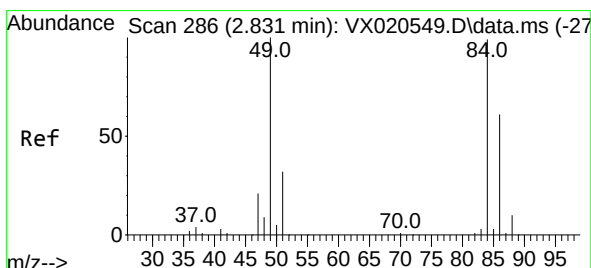
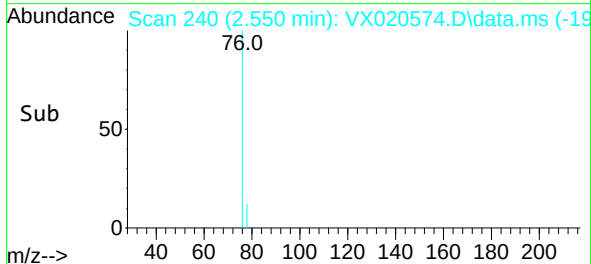
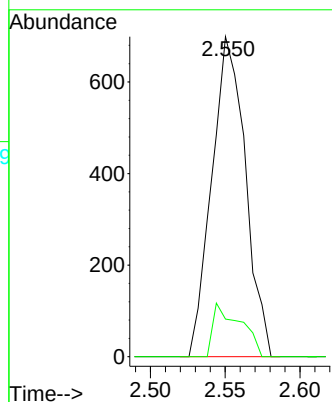
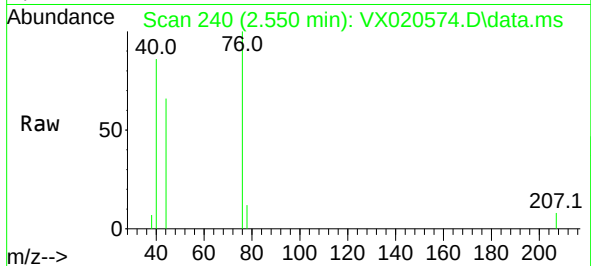




#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

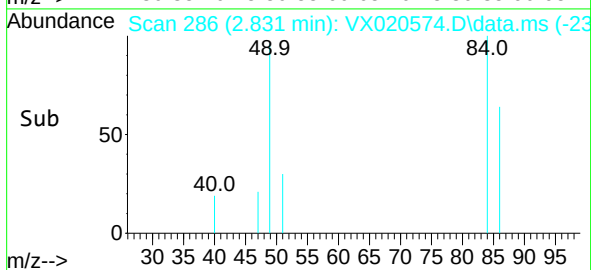
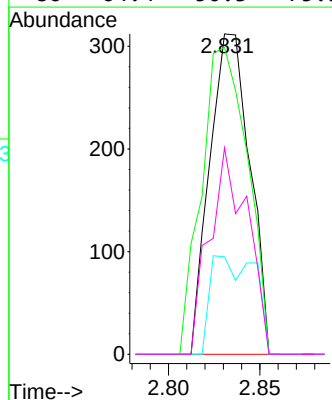
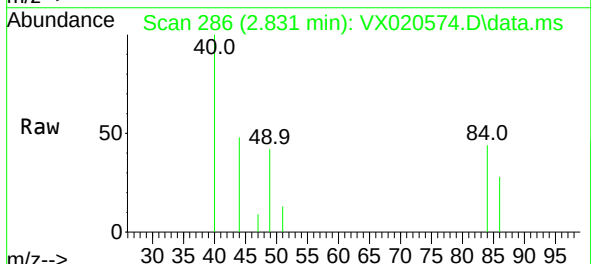
Instrument :
MSVOA_X
ClientSampled :
TRIP

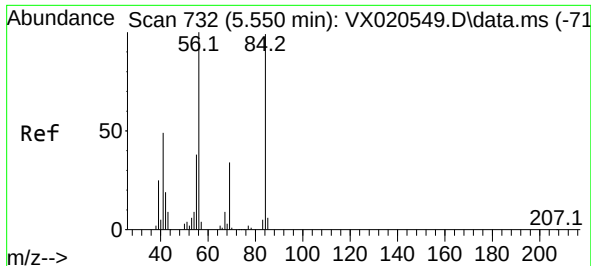
Tgt Ion: 76 Resp: 1092
Ion Ratio Lower Upper
76 100
78 11.7 7.2 10.8#



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

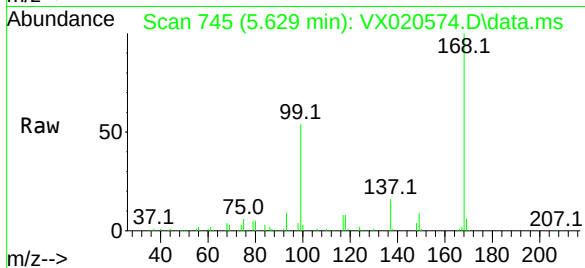
Tgt Ion: 84 Resp: 477
Ion Ratio Lower Upper
84 100
49 95.8 88.6 132.8
51 30.4 27.0 40.6
86 64.4 50.3 75.5



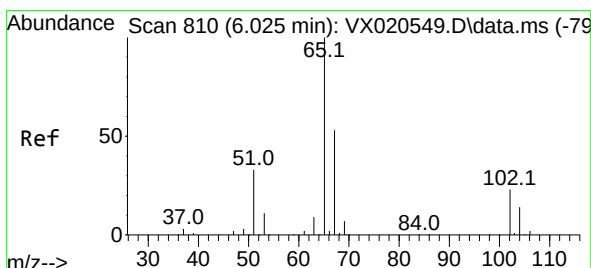
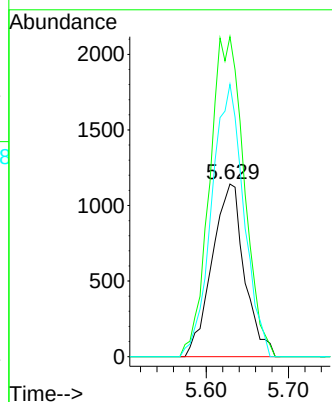
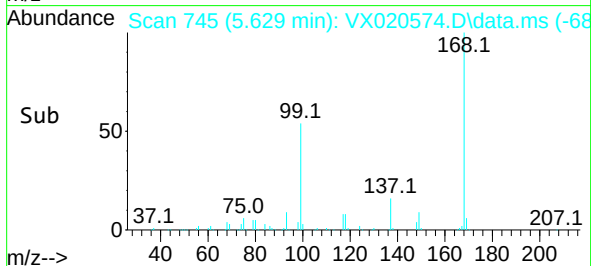


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.079 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

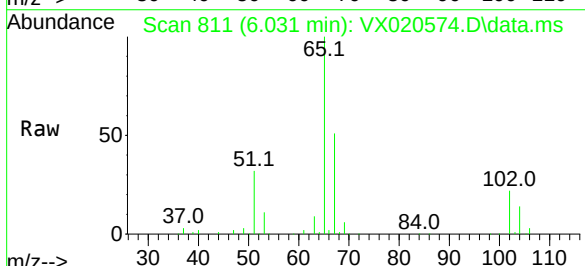
Instrument :
MSVOA_X
ClientSampled :
TRIP



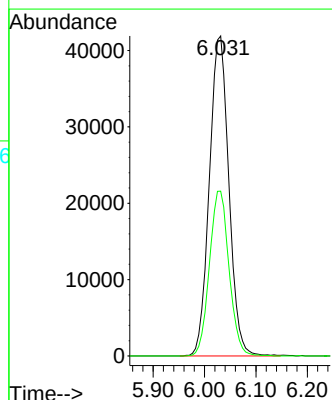
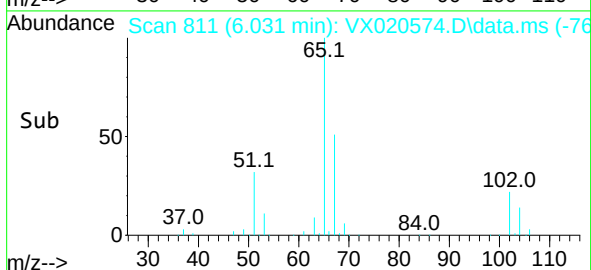
Tgt Ion: 56 Resp: 3119
Ion Ratio Lower Upper
56 100
69 185.4 25.3 37.9#
84 157.8 71.4 107.0#

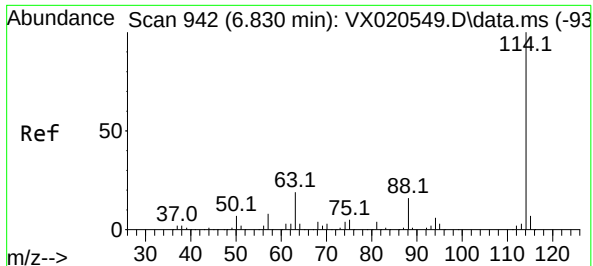


#33
1,2-Dichloroethane-d4
Concen: 50.76 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04



Tgt Ion: 65 Resp: 110319
Ion Ratio Lower Upper
65 100
67 51.8 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: VX020574.D

Acq: 12 Jan 2021 13:04

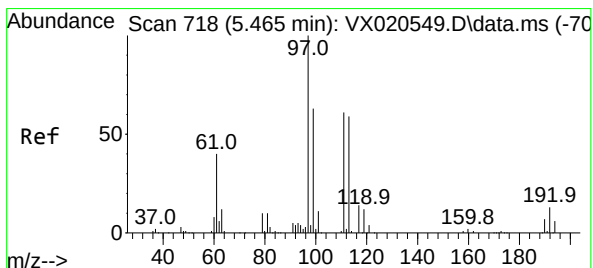
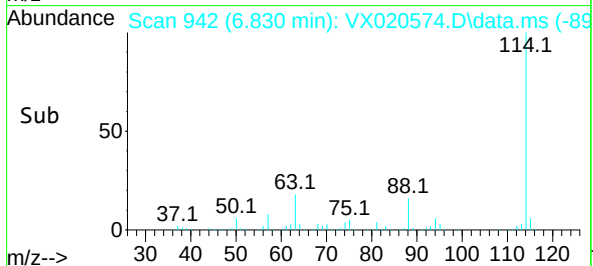
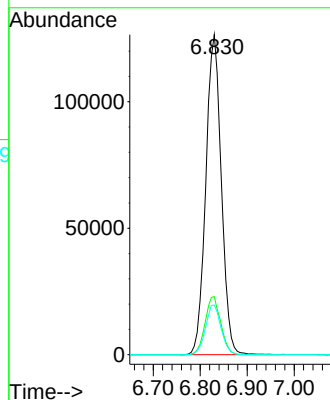
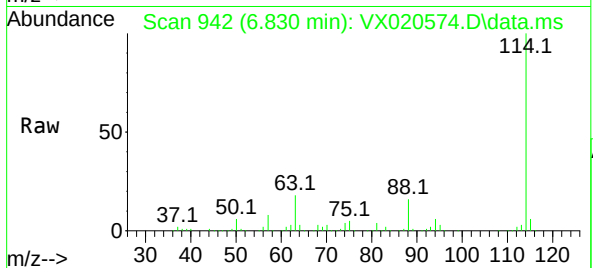
Tgt Ion:114 Resp: 289529

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.8

88 15.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.95 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.001 min

Lab File: VX020574.D

Acq: 12 Jan 2021 13:04

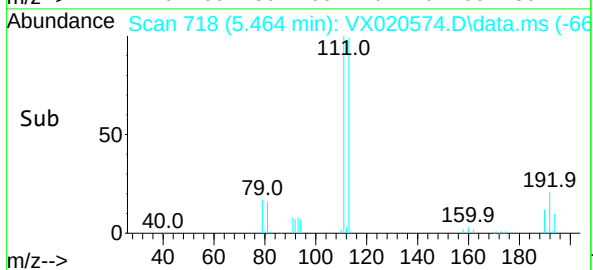
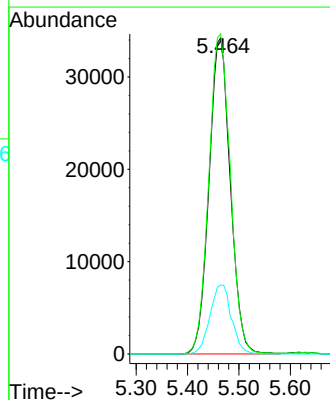
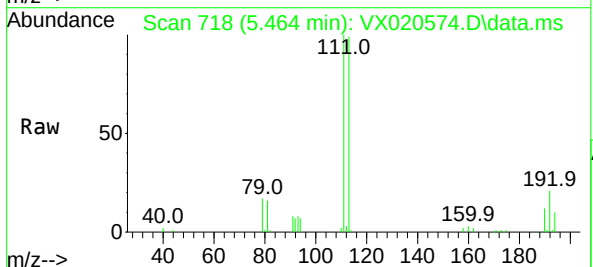
Tgt Ion:113 Resp: 98208

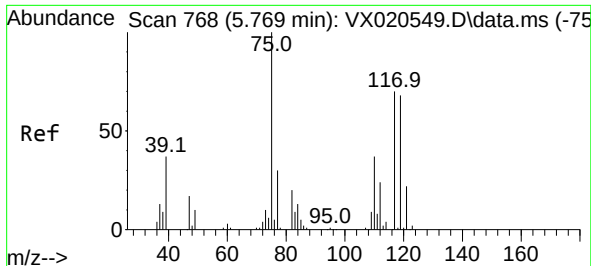
Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

192 22.0 16.7 25.1

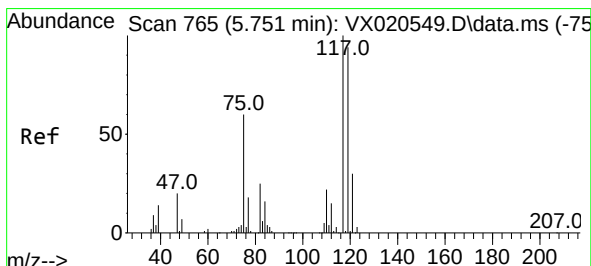
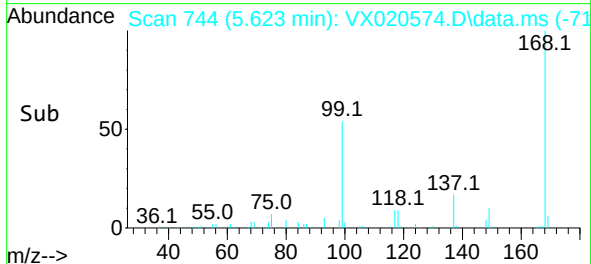
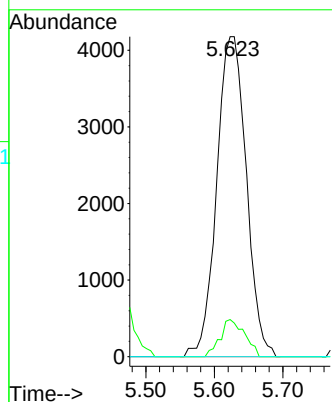
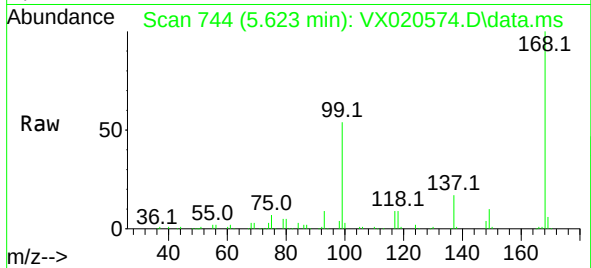




#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

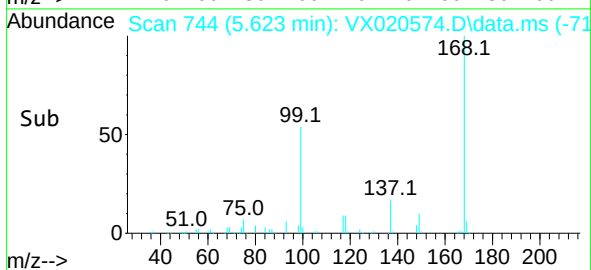
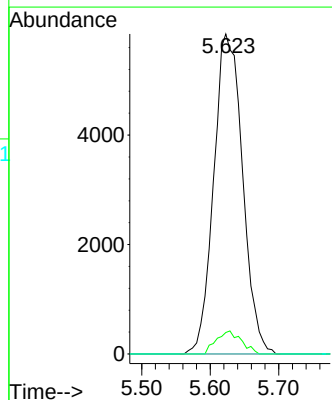
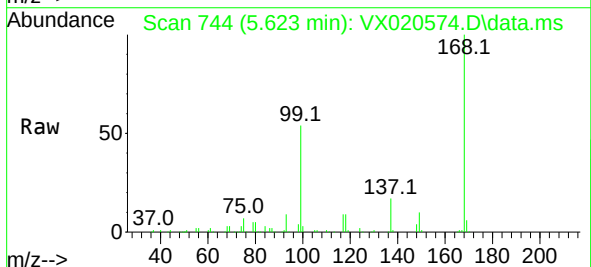
Instrument :
MSVOA_X
ClientSampled :
TRIP

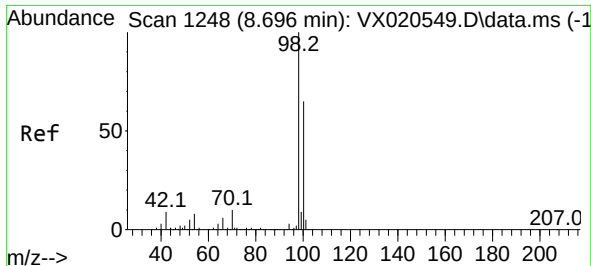
Tgt Ion: 75 Resp: 12531
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

Tgt Ion: 117 Resp: 17068
Ion Ratio Lower Upper
117 100
119 6.7 76.2 114.2#
121 0.0 24.8 37.2#

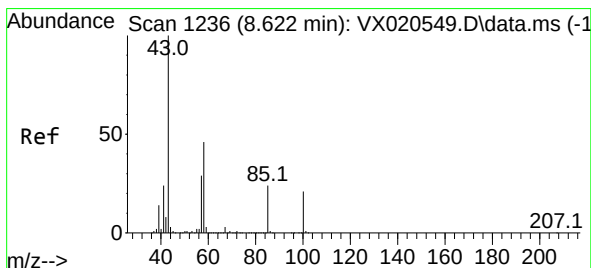
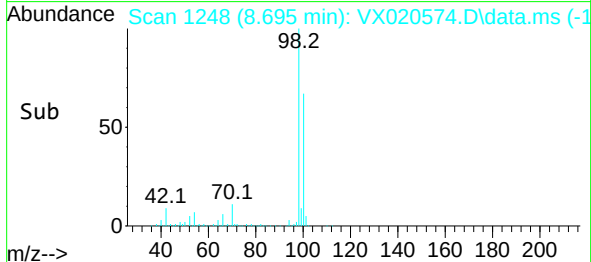
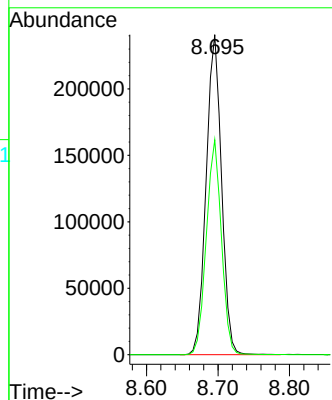
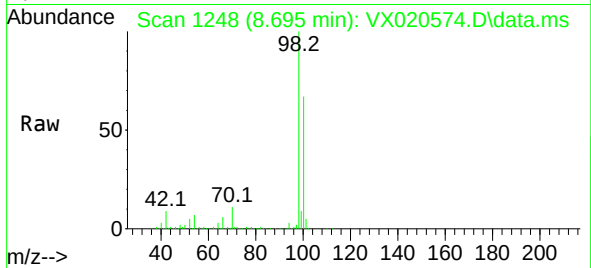




#50
Toluene-d8
Concen: 50.05 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

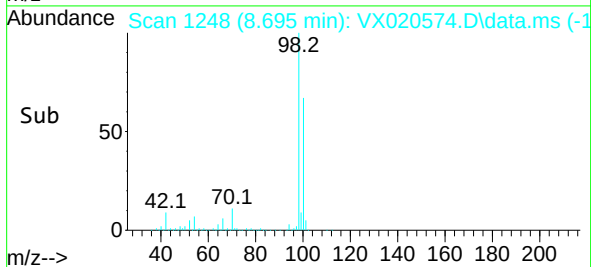
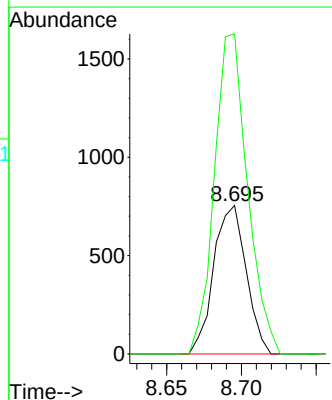
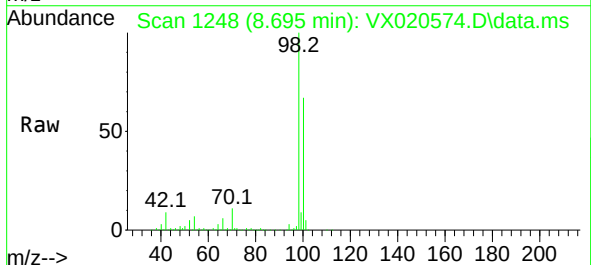
Instrument :
MSVOA_X
ClientSampled :
TRIP

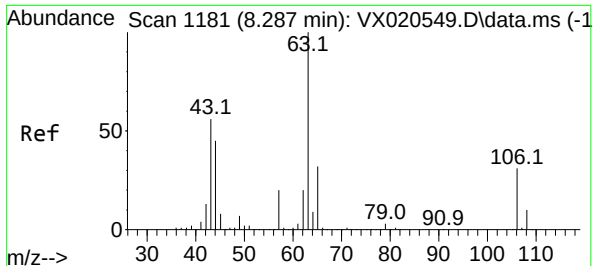
Tgt Ion: 98 Resp: 359275
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.073 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
58 220.5 35.4 53.0#

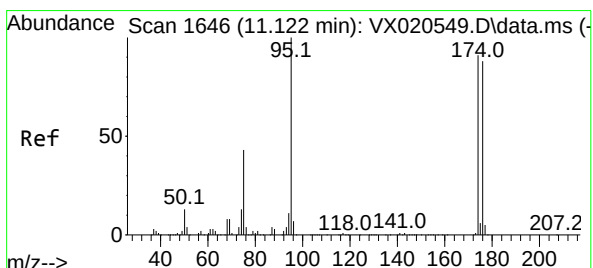
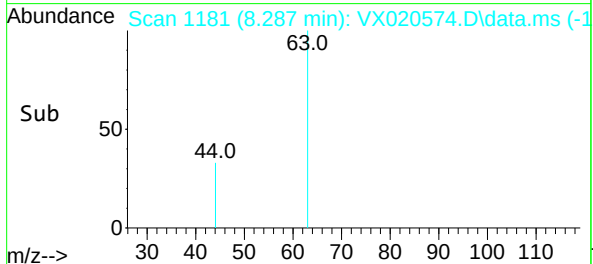
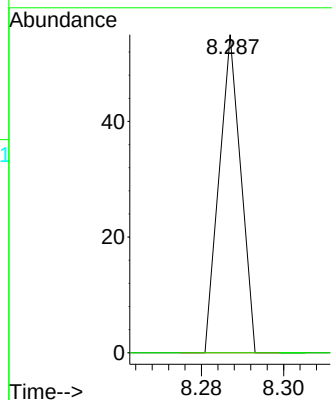
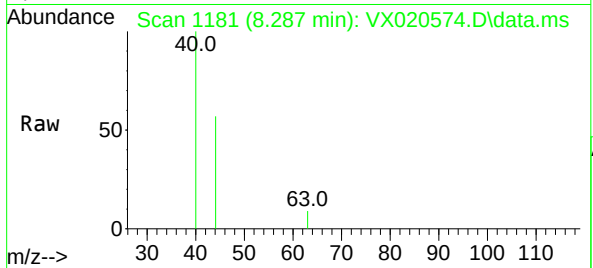




#58
2-Chloroethyl Vinyl ether
Concen: 4.58 ug/l
RT: 8.287 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

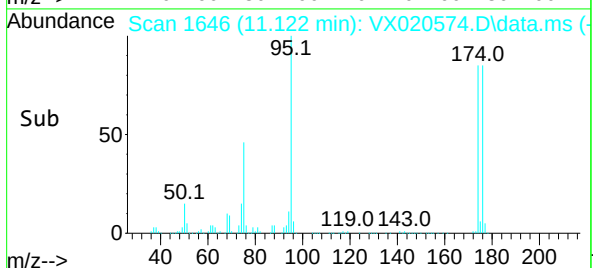
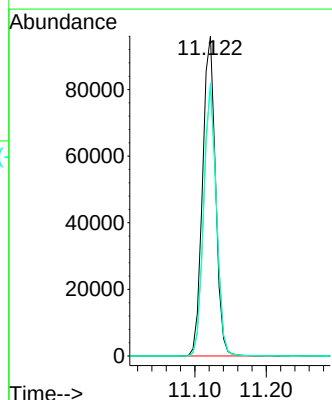
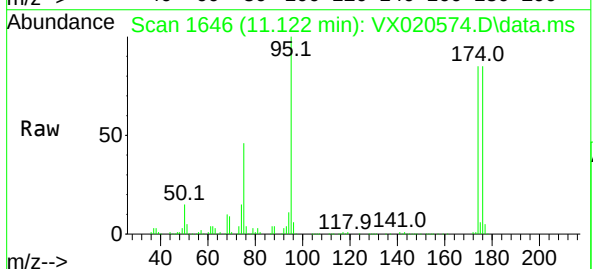
Instrument :
MSVOA_X
ClientSampled :
TRIP

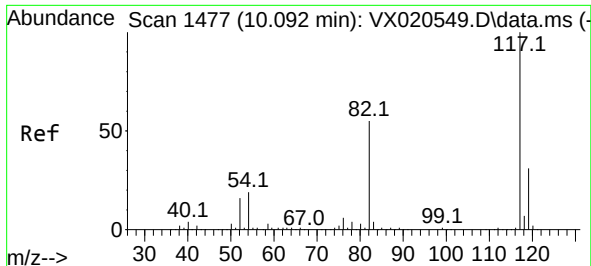
Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#62
4-Bromofluorobenzene
Concen: 47.64 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

Tgt Ion: 95 Resp: 120776
Ion Ratio Lower Upper
95 100
174 84.0 0.0 154.6
176 83.5 0.0 155.8

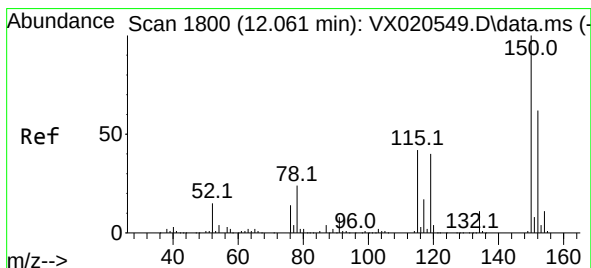
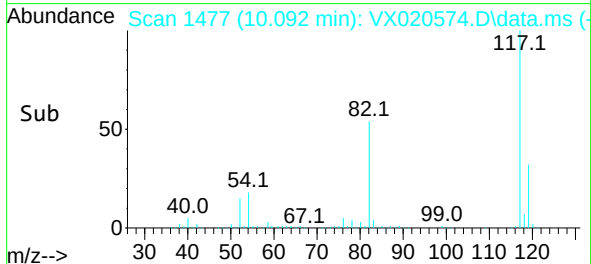
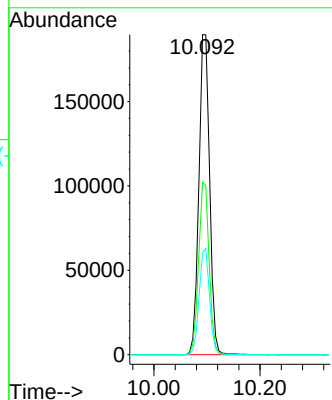
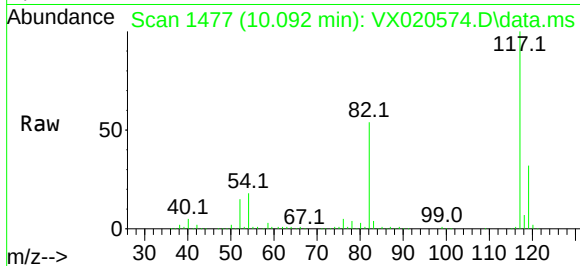




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.001 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

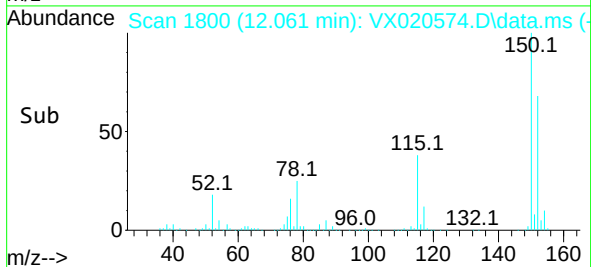
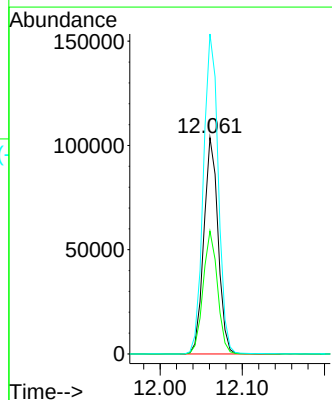
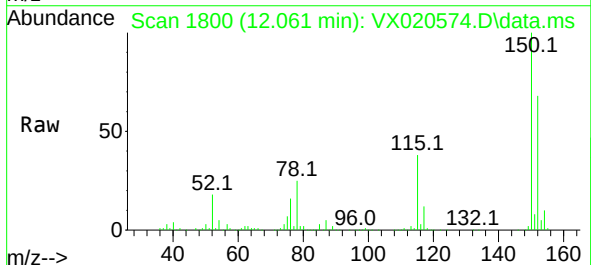
Instrument :
MSVOA_X
ClientSampled :
TRIP

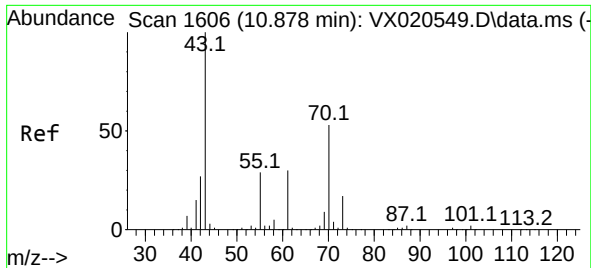
Tgt Ion:117 Resp: 265856
Ion Ratio Lower Upper
117 100
82 53.9 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

Tgt Ion:152 Resp: 124853
Ion Ratio Lower Upper
152 100
115 57.3 41.1 123.3
150 154.7 0.0 349.0

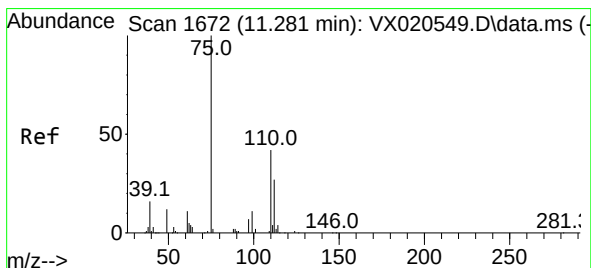
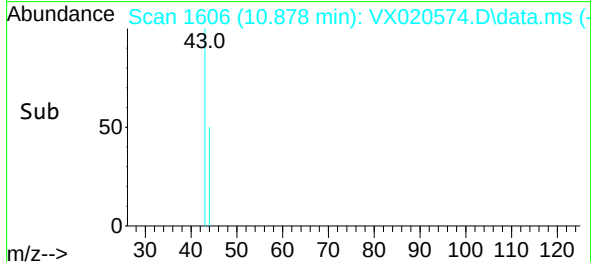
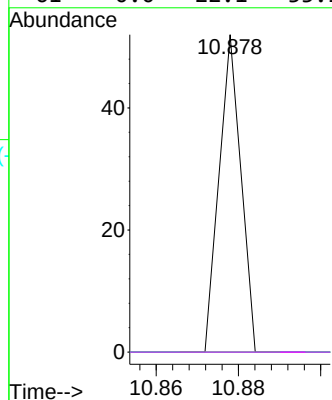
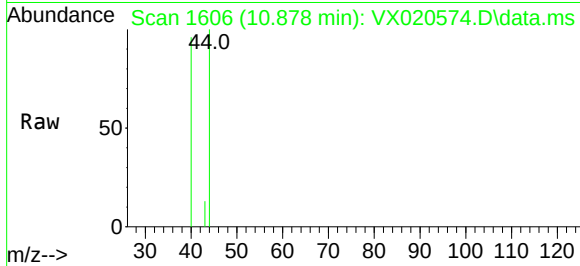




#74
N-amy1 acetate
Concen: 1.24 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

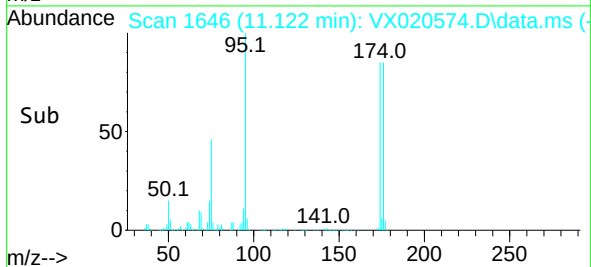
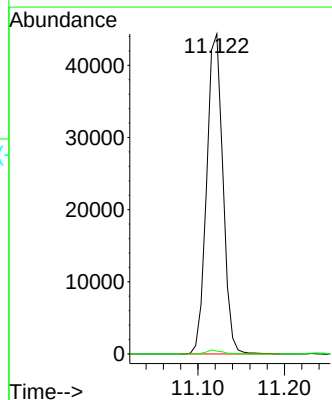
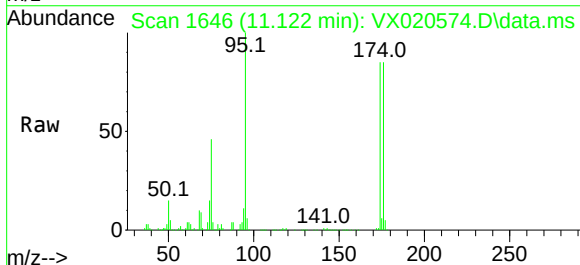
Instrument :
MSVOA_X
ClientSampled :
TRIP

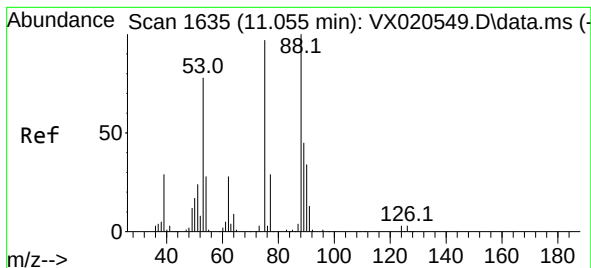
Tgt Ion: 43	Resp:	19
Ion	Ratio	Lower Upper
43	100	
70	0.0	39.0 58.6#
55	0.0	21.5 32.3#
61	0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 21.94 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

Tgt Ion: 75	Resp:	57718
Ion	Ratio	Lower Upper
75	100	
77	1.2	19.1 57.5#

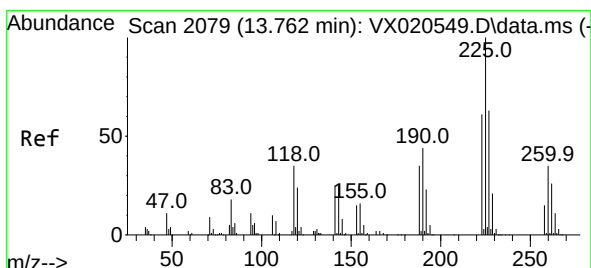
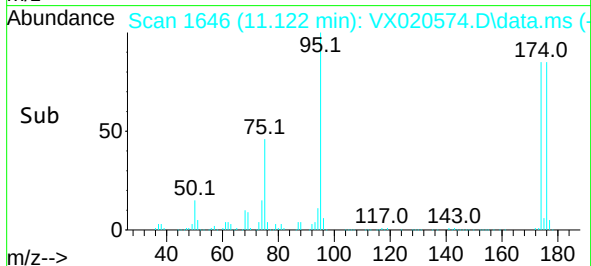
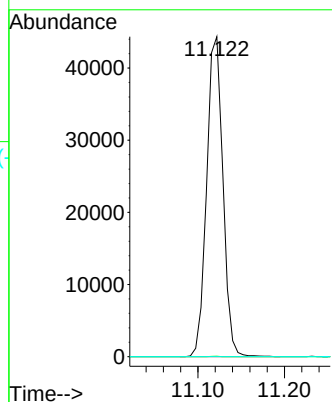
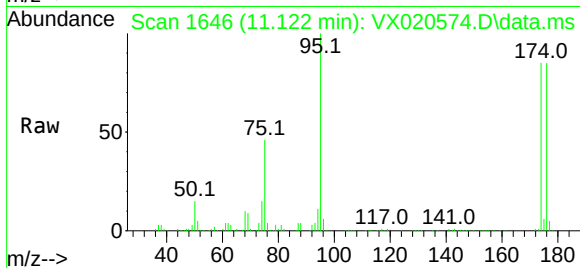




#81
trans-1,4-Dichloro-2-butene
Concen: 59.79 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

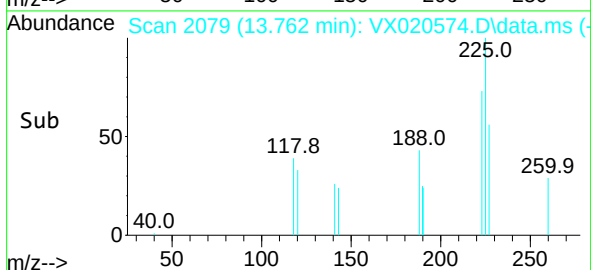
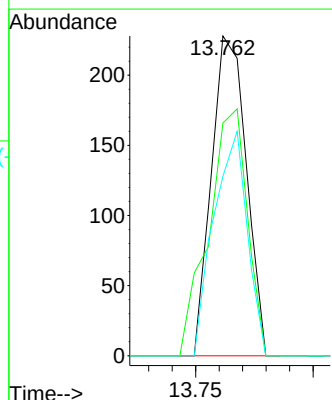
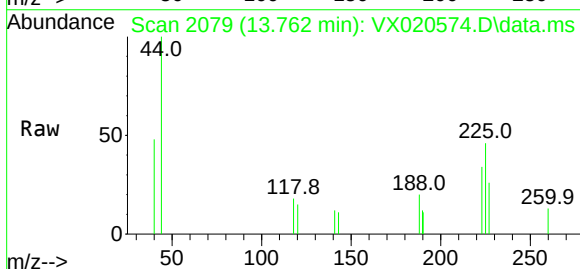
Instrument :
MSVOA_X
ClientSampled :
TRIP

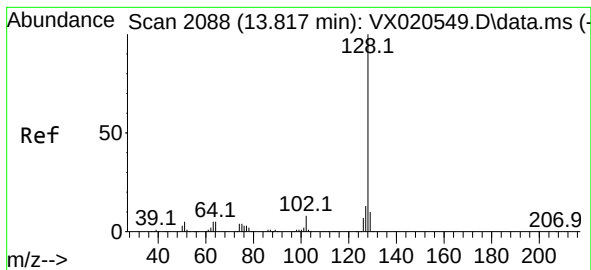
Tgt Ion: 75 Resp: 57718
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 1.03 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.000 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

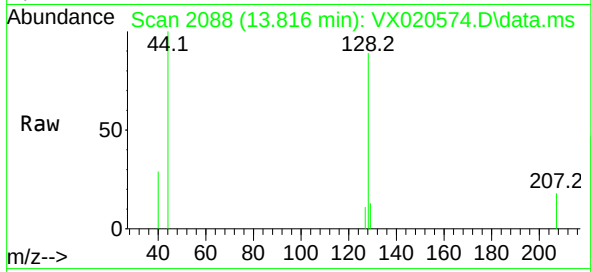
Tgt Ion: 225 Resp: 234
Ion Ratio Lower Upper
225 100
223 85.9 31.1 93.2
227 67.5 31.6 95.0





#95
Naphthalene
Concen: 3.93 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020574.D
Acq: 12 Jan 2021 13:04

Instrument :
MSVOA_X
ClientSampleId :
TRIP



Tgt Ion:	128	Resp:	857
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.3	15.5
129	9.5	8.8	13.2

