

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020640.D
 Acq On : 15 Jan 2021 18:55
 Operator : JC/MD
 Sample : M1100-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jan 16 00:57:43 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)

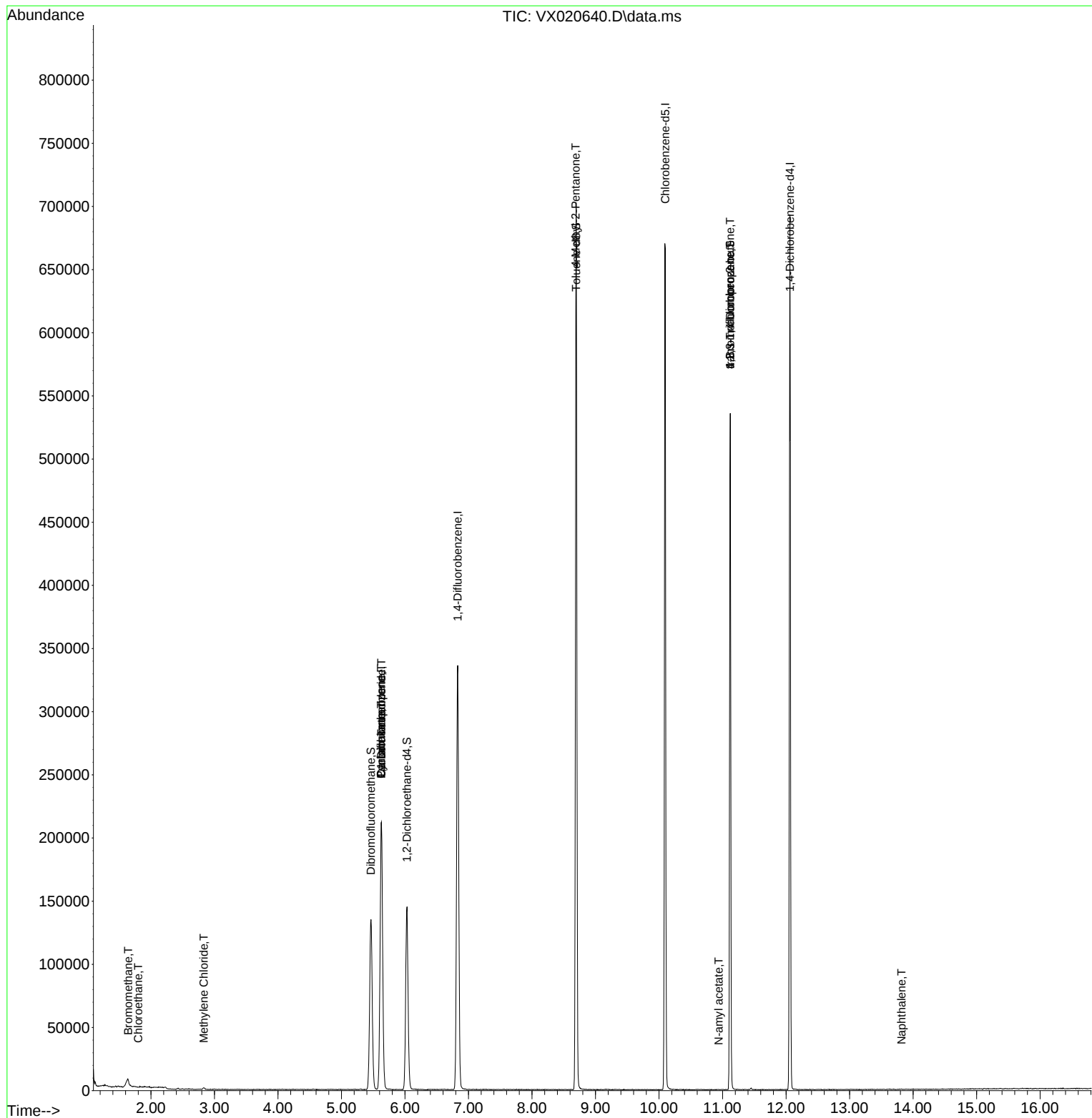
Internal Standards						
1) Pentafluorobenzene	5.623	168	196218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	344567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	318126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	136353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	138013	58.56	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.12%
35) Dibromofluoromethane	5.464	113	117366	49.16	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.32%
50) Toluene-d8	8.696	98	415902	48.68	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.36%
62) 4-Bromofluorobenzene	11.122	95	143150	47.45	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.90%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	443	0.32	ug/l	96
6) Chloroethane	1.800	64	21	0.44	ug/l #	43
11) Tert butyl alcohol	2.995	59	54	Below Cal	#	73
16) Acetone	2.422	43	793	Below Cal	#	81
20) Methylene Chloride	2.831	84	711	0.32	ug/l #	77
31) Cyclohexane	5.623	56	4197	1.52	ug/l #	16
36) 1,1-Dichloropropene	5.623	75	15550	4.94	ug/l #	50
38) Carbon Tetrachloride	5.629	117	20312	5.53	ug/l #	16
51) 4-Methyl-2-Pentanone	8.689	43	1637	0.60	ug/l #	1
74) N-amyl acetate	10.939	43	19	1.24	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	71839	25.01	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	71839	68.14	ug/l #	12
95) Naphthalene	13.817	128	148	3.86	ug/l #	69

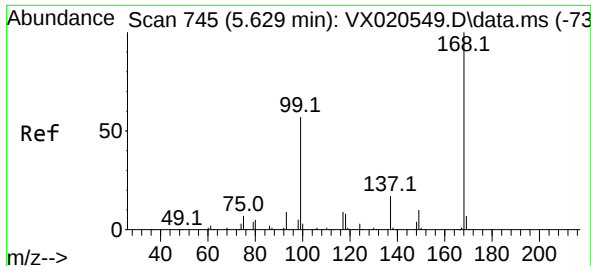
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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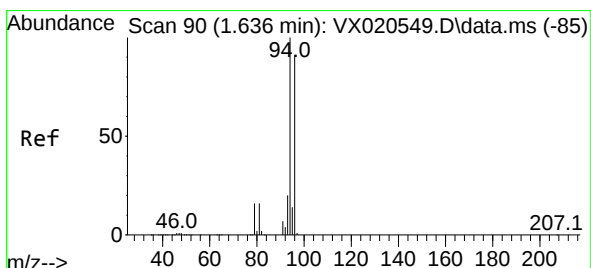
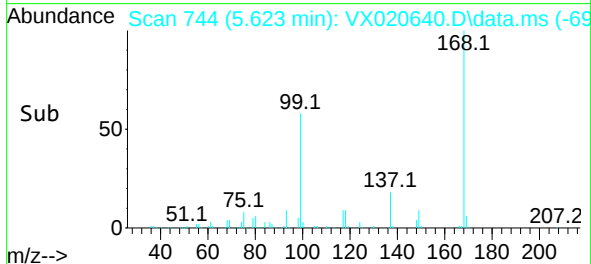
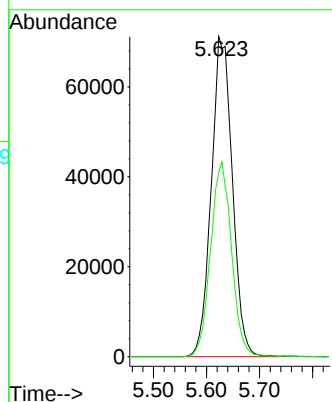
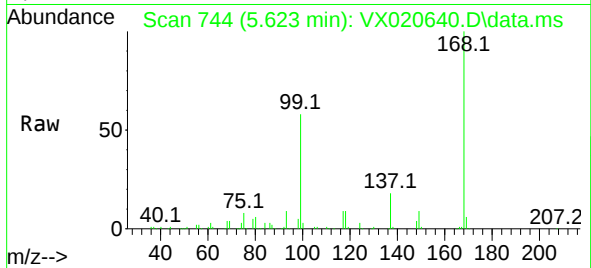




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

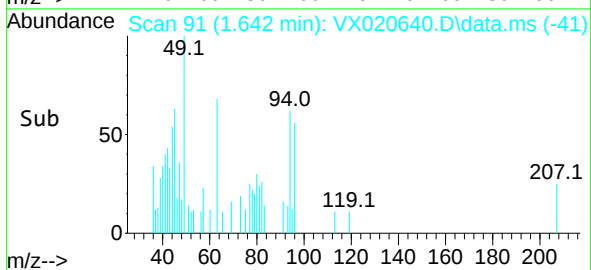
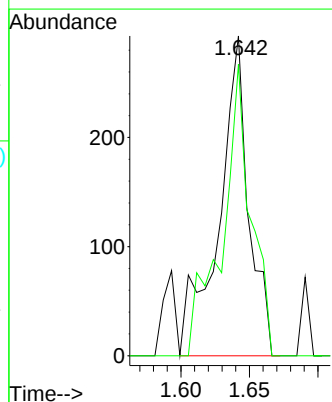
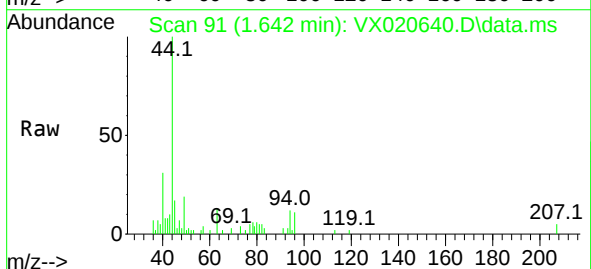
Instrument :
MSVOA_X
ClientSampleId :
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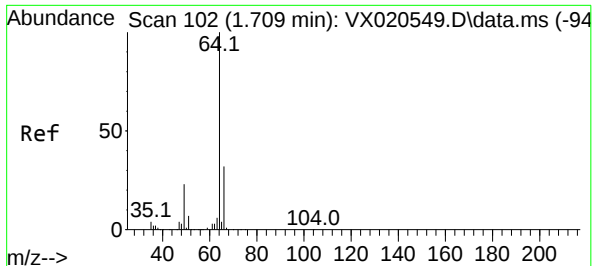
Tgt Ion:168 Resp: 196218
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



#5
Bromomethane
Concen: 0.32 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

Tgt Ion: 94 Resp: 443
Ion Ratio Lower Upper
94 100
96 91.1 76.4 114.6

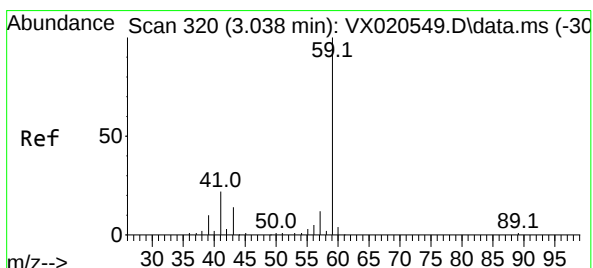
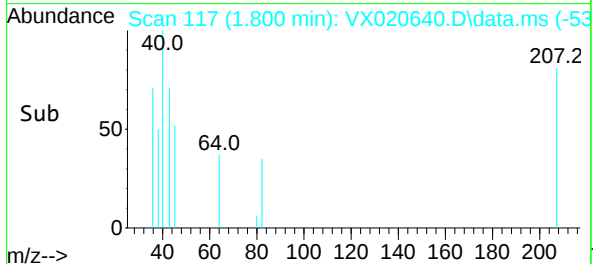
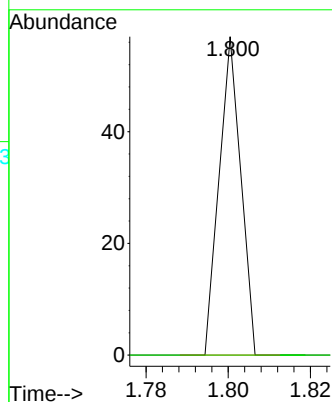
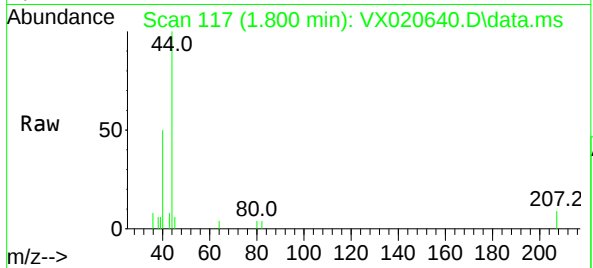




#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.800 min Scan# 117
Delta R.T. 0.091 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

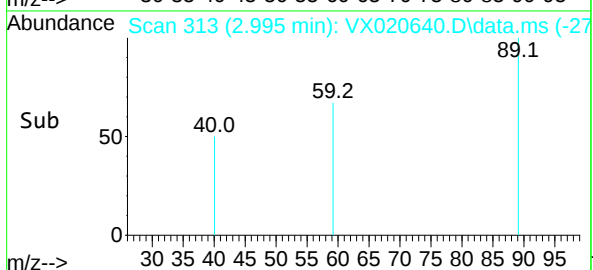
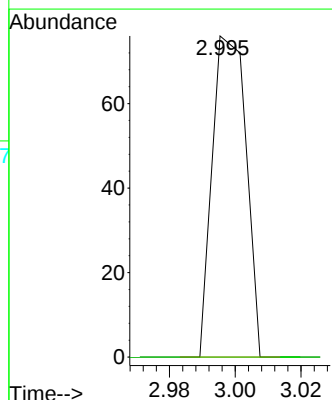
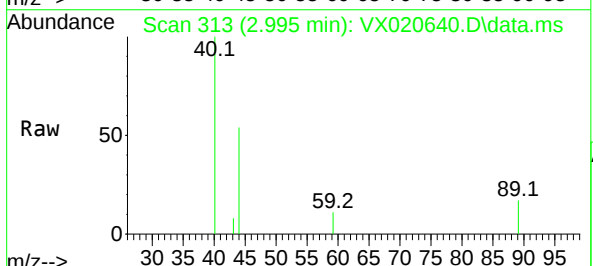
Instrument :
MSVOA_X
ClientSampleId :
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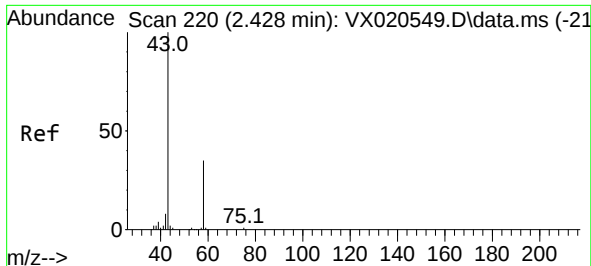
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 313
Delta R.T. -0.043 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

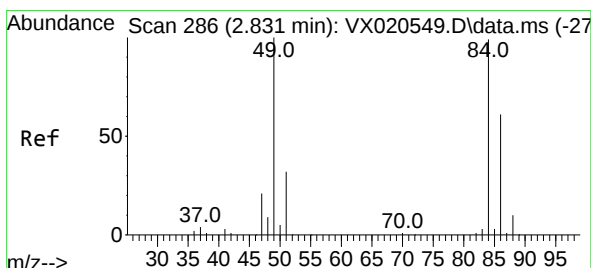
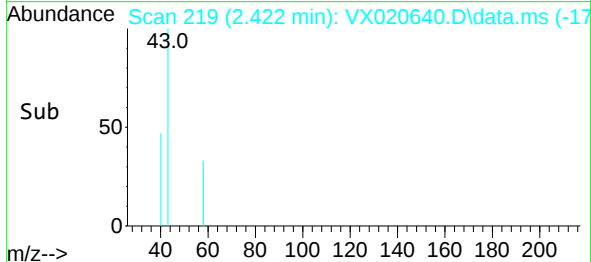
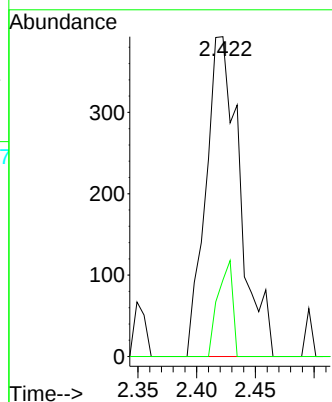
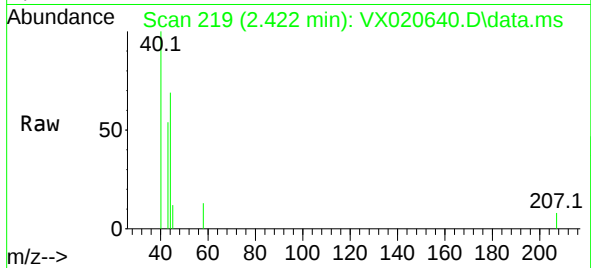




#16
Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

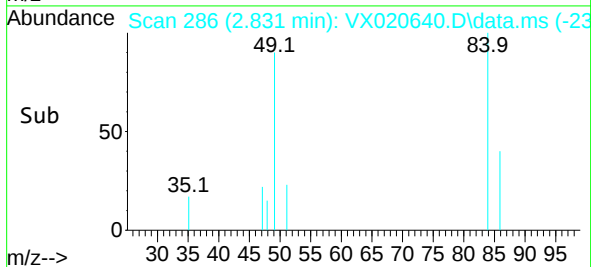
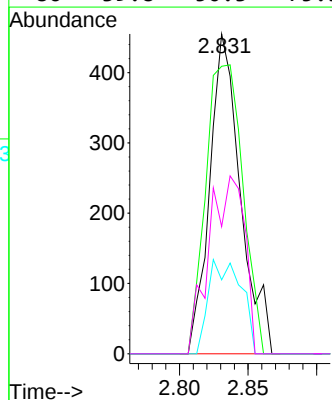
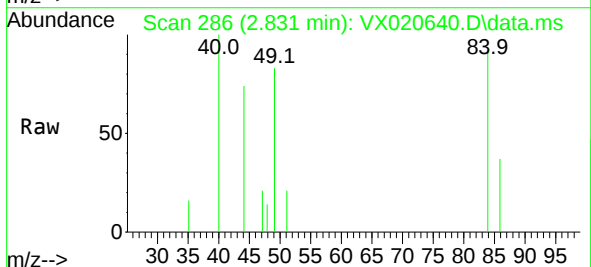
Instrument :
MSVOA_X
ClientSampleId :
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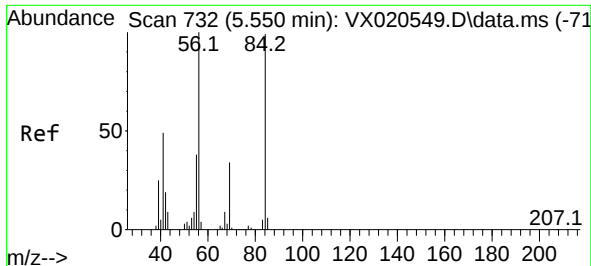
Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
58 23.9 27.8 41.8#



#20
Methylene Chloride
Concen: 0.32 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

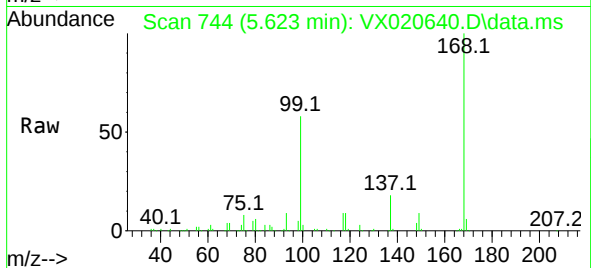
Tgt Ion: 84 Resp: 711
Ion Ratio Lower Upper
84 100
49 89.9 88.6 132.8
51 23.1 27.0 40.6#
86 39.8 50.3 75.5#



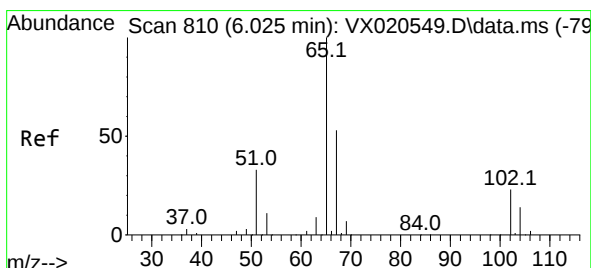
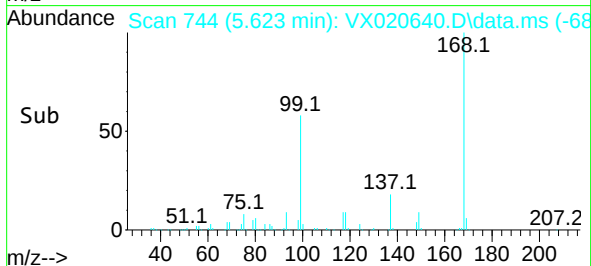
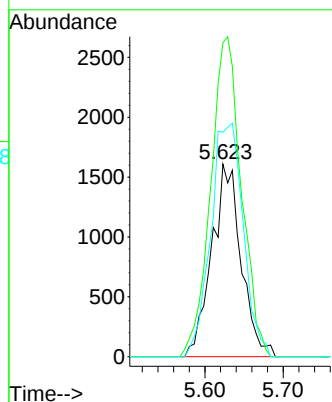


#31
Cyclohexane
Concen: 1.52 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

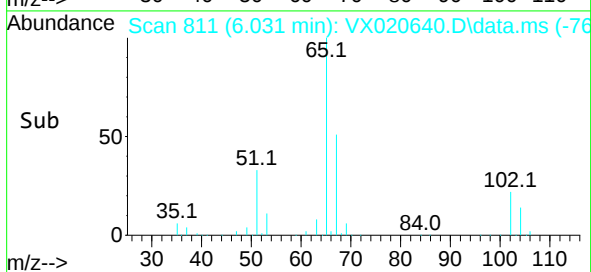
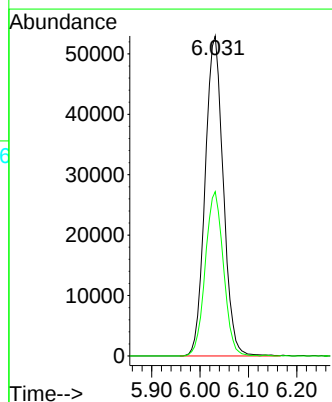
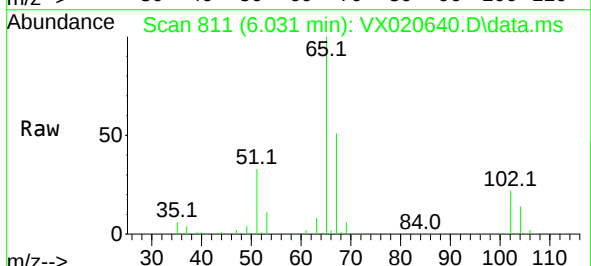


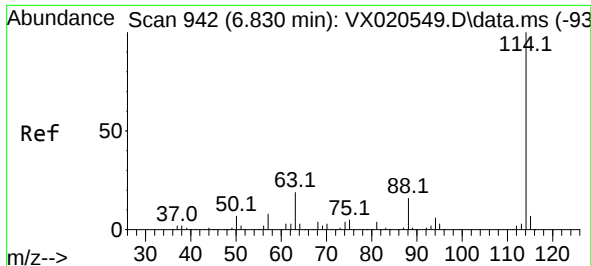
Tgt Ion: 56 Resp: 4197
Ion Ratio Lower Upper
56 100
69 163.1 25.3 37.9#
84 116.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 58.56 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

Tgt Ion: 65 Resp: 138013
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

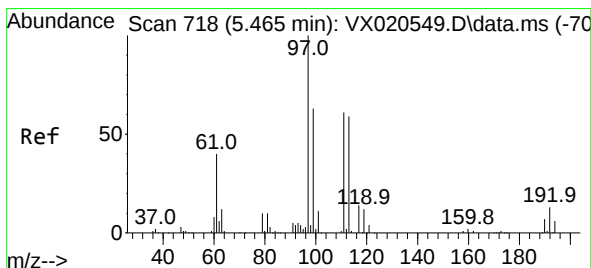
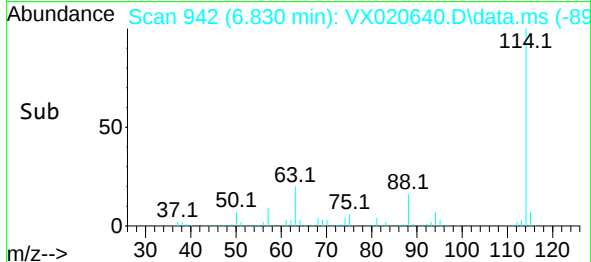
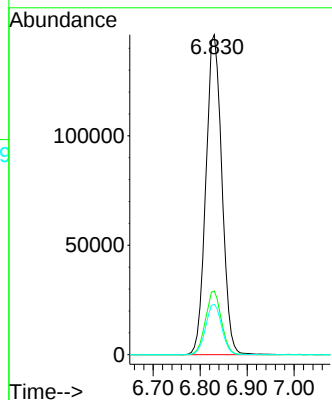
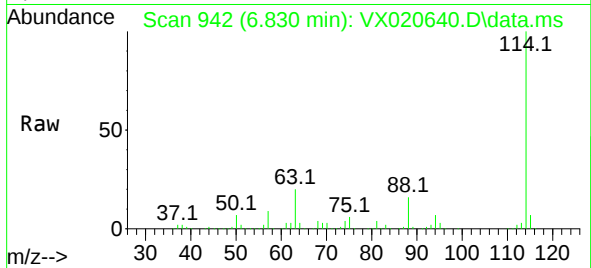




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

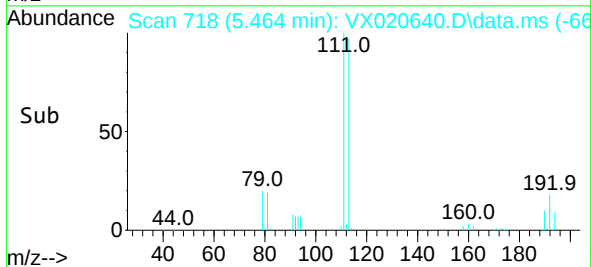
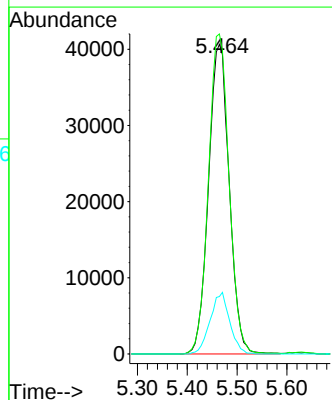
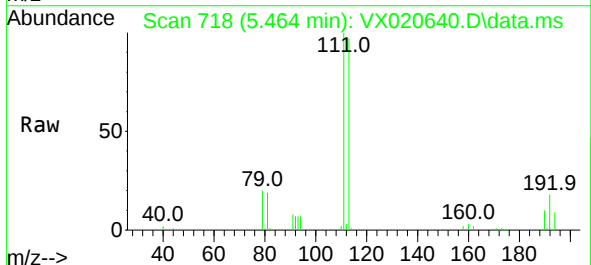
Instrument :
MSVOA_X
ClientSampleId :
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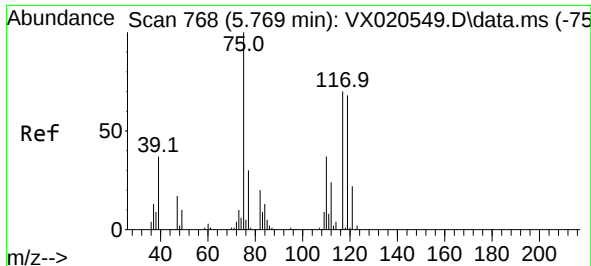
Tgt Ion:114 Resp: 344567
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.16 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

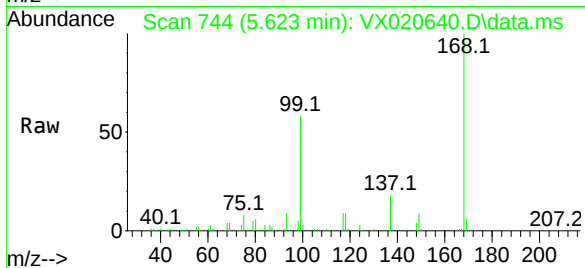
Tgt Ion:113 Resp: 117366
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.8 16.7 25.1



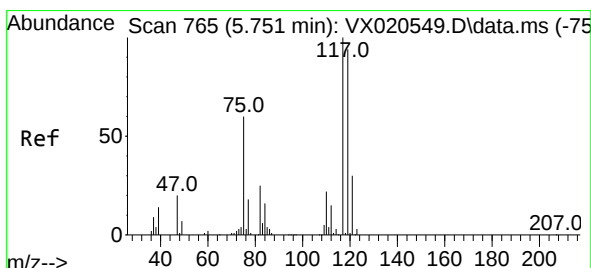
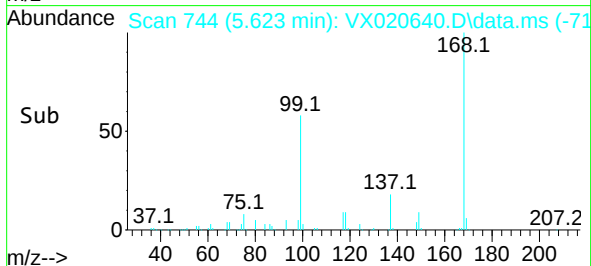
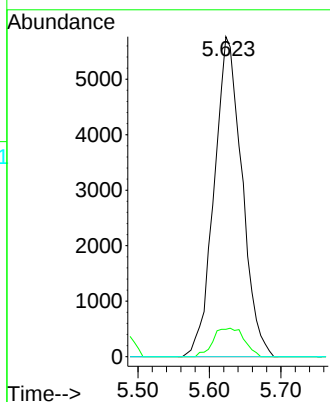


#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

Instrument :
MSVOA_X
ClientSampleId :
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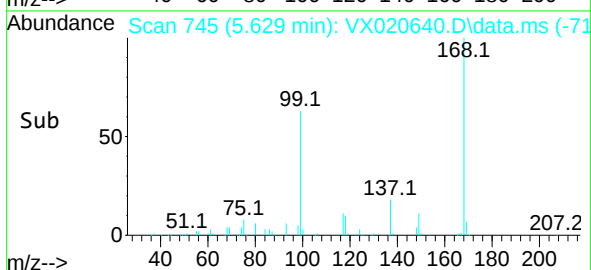
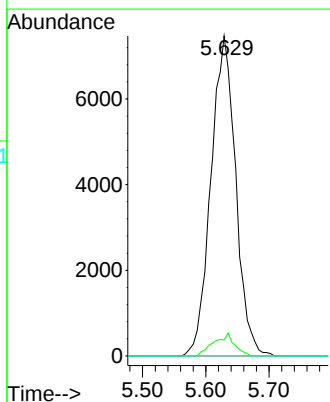
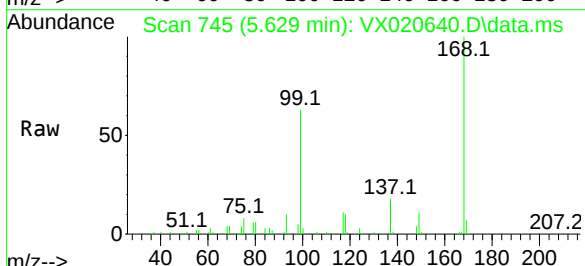


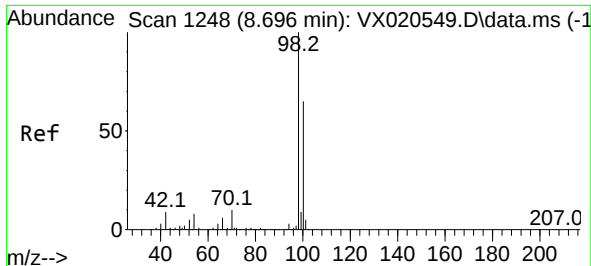
Tgt Ion: 75 Resp: 15550
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.53 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

Tgt Ion: 117 Resp: 20312
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

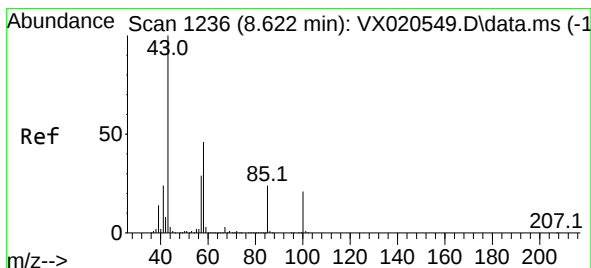
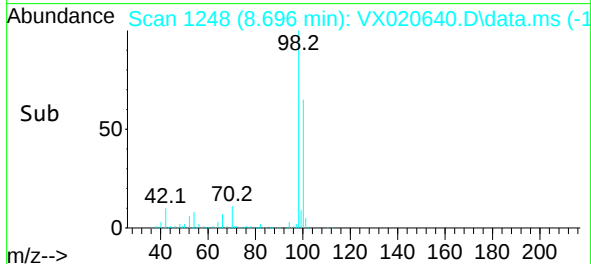
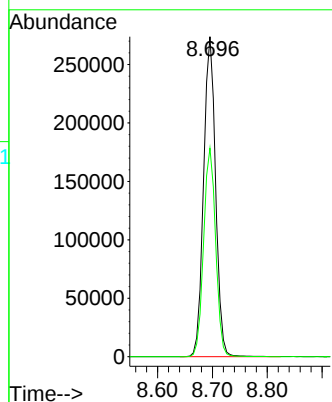
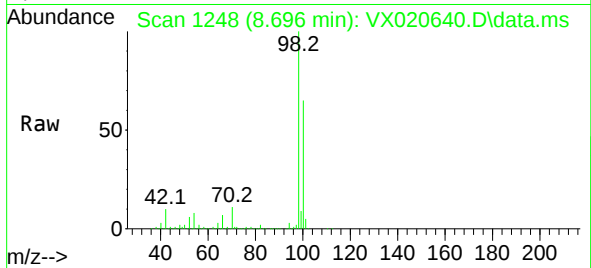




#50
Toluene-d8
Concen: 48.68 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

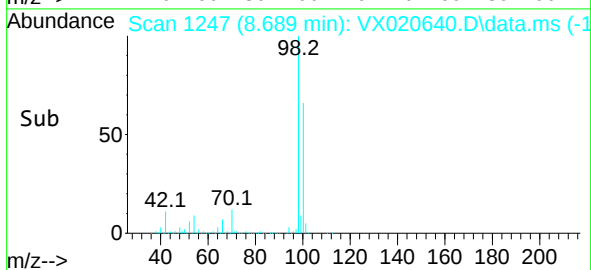
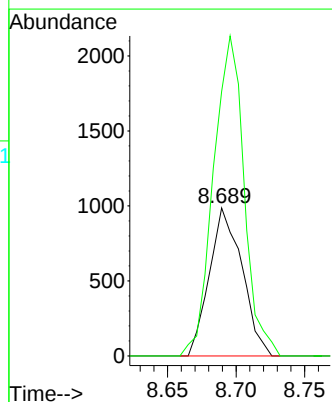
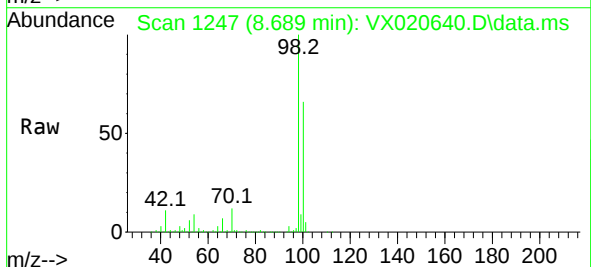
Instrument :
MSVOA_X
ClientSampleId :
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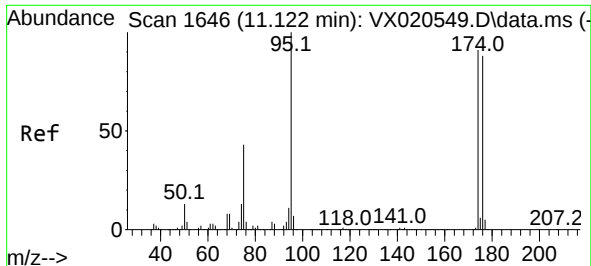
Tgt Ion: 98 Resp: 415902
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.067 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

Tgt Ion: 43 Resp: 1637
Ion Ratio Lower Upper
43 100
58 203.0 35.4 53.0#

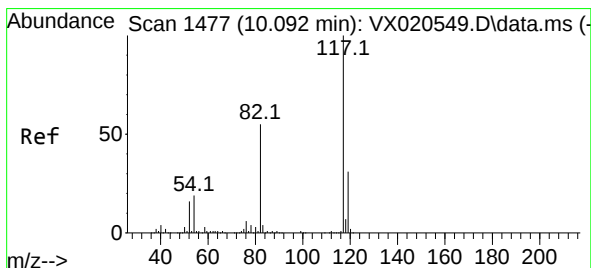
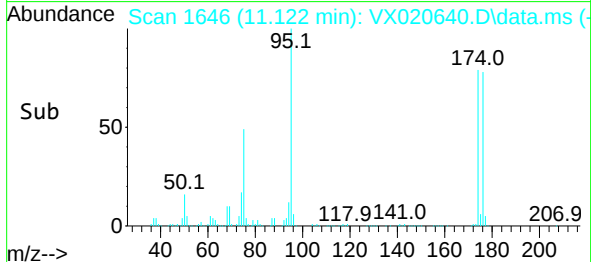
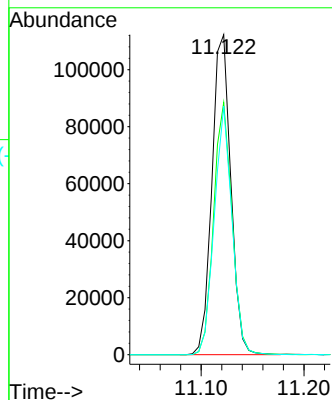
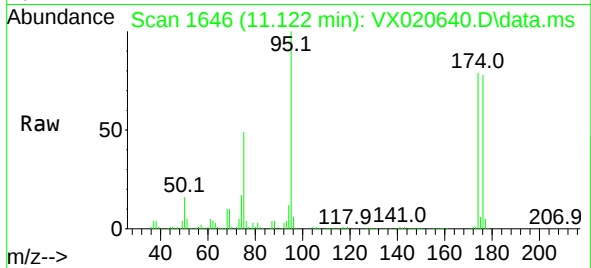




#62
4-Bromofluorobenzene
Concen: 47.45 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

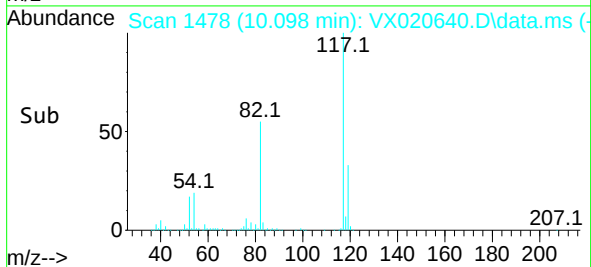
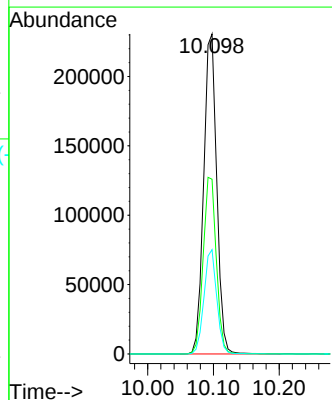
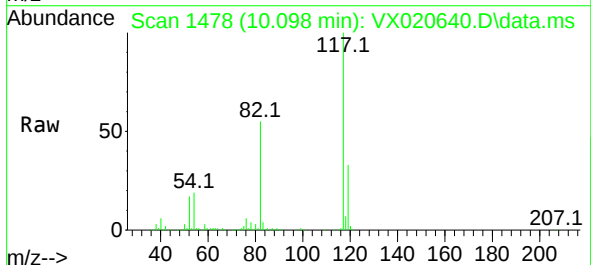
Instrument :
MSVOA_X
ClientSampleId :
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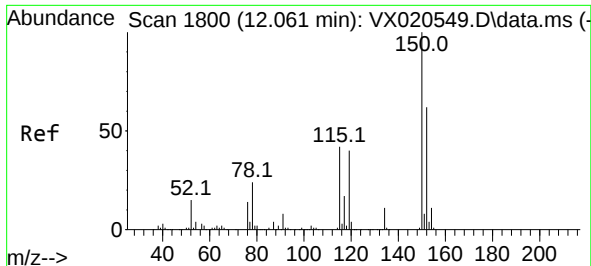
Tgt Ion: 95 Resp: 143150
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 73.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

Tgt Ion: 117 Resp: 318126
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 32.6 26.6 39.8

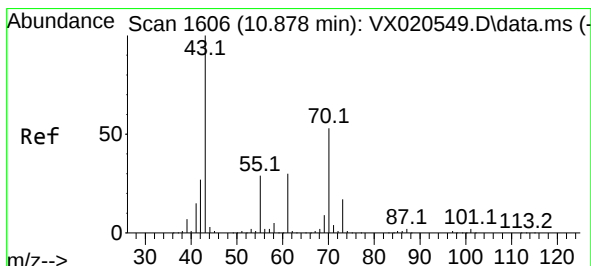
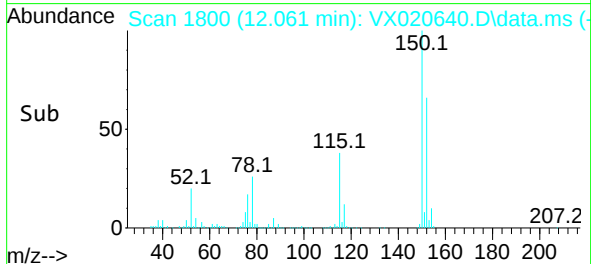
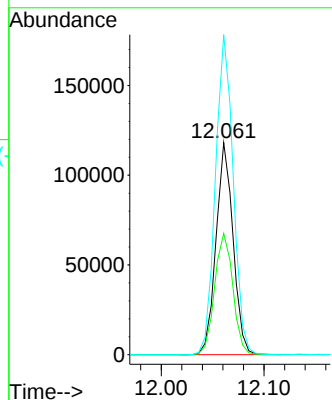
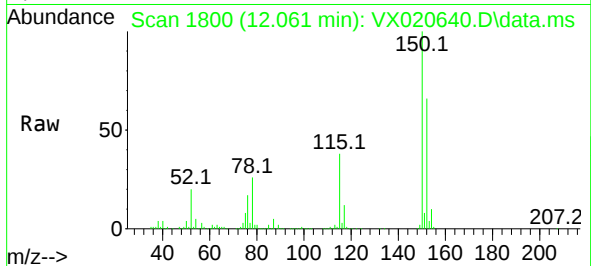




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

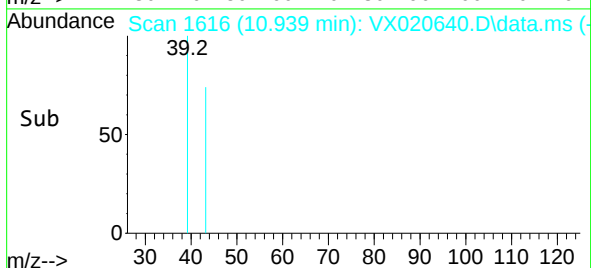
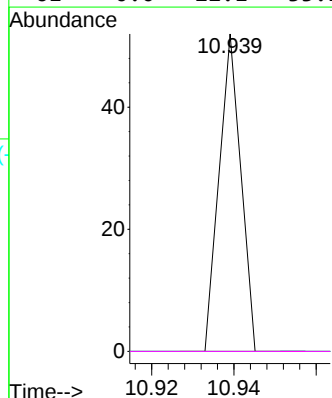
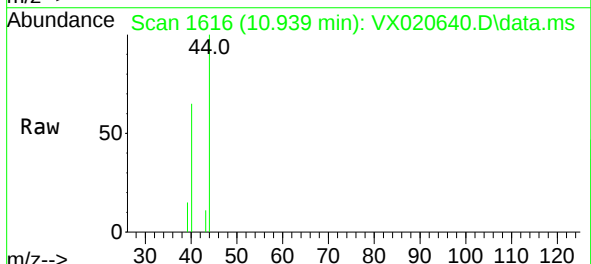
Instrument :
MSVOA_X
ClientSampleId :
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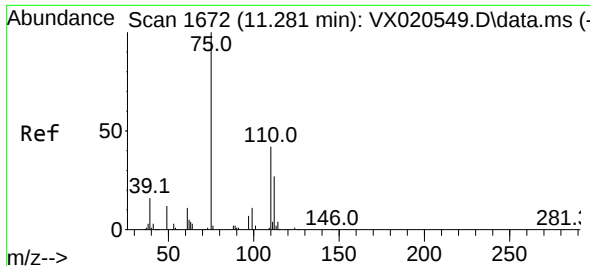
Tgt Ion:152 Resp: 136353
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 157.1 0.0 349.0



#74
N-ethyl acetate
Concen: 1.24 ug/l
RT: 10.939 min Scan# 1616
Delta R.T. 0.061 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

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#

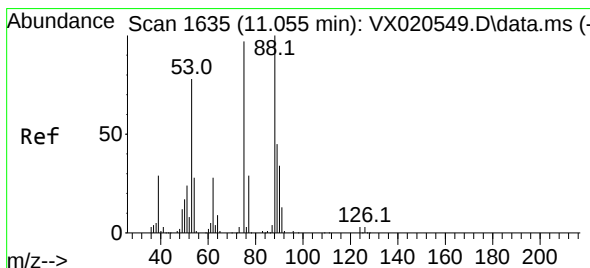
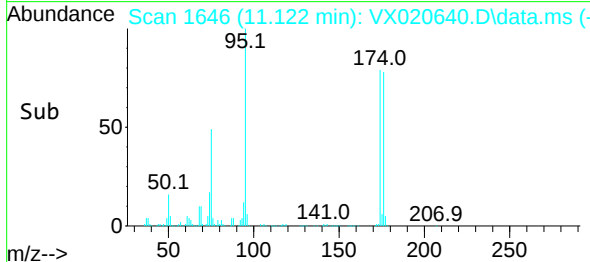
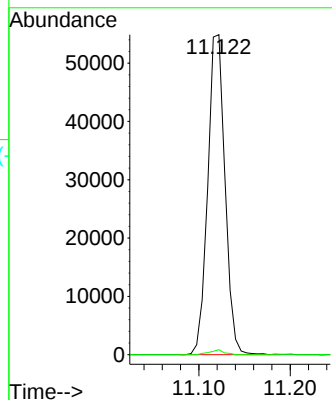
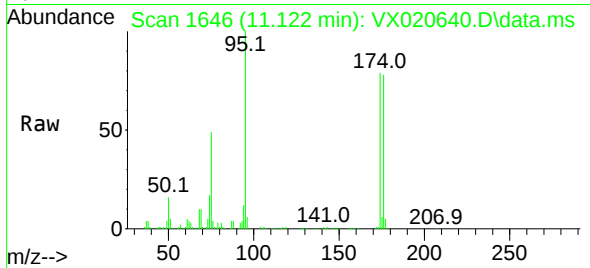




#76
1,2,3-Trichloropropane
Concen: 25.01 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

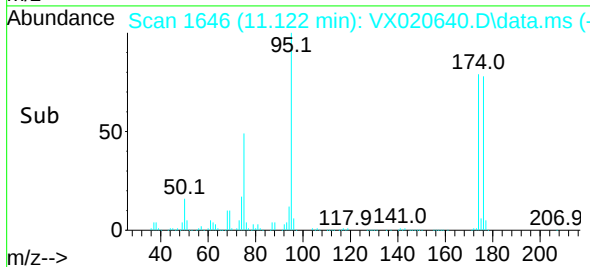
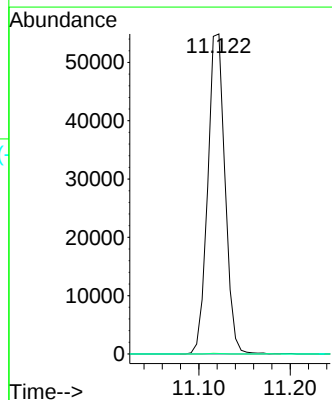
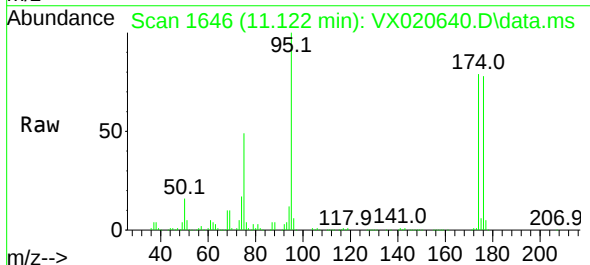
Instrument :
MSVOA_X
ClientSampleId :
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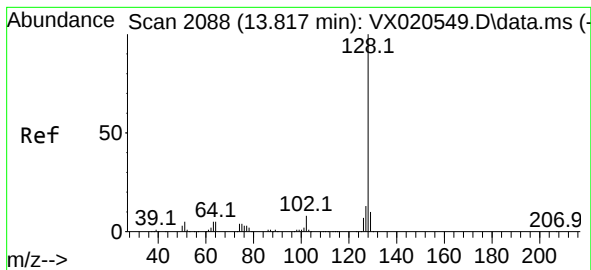
Tgt Ion: 75 Resp: 71839
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.14 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

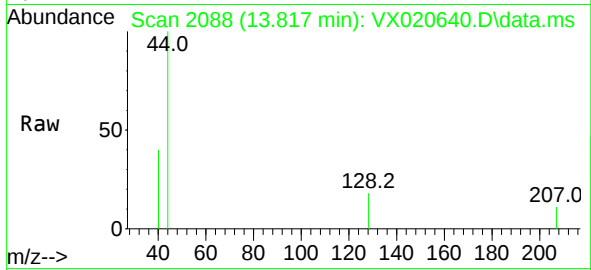
Tgt Ion: 75 Resp: 71839
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.86 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020640.D
Acq: 15 Jan 2021 18:55

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:128 Resp: 148
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

