

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011521\
 Data File : VX020641.D
 Acq On : 15 Jan 2021 19:18
 Operator : JC/MD
 Sample : M1157-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VOC-BLANK

Quant Time: Jan 16 00:57:58 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)

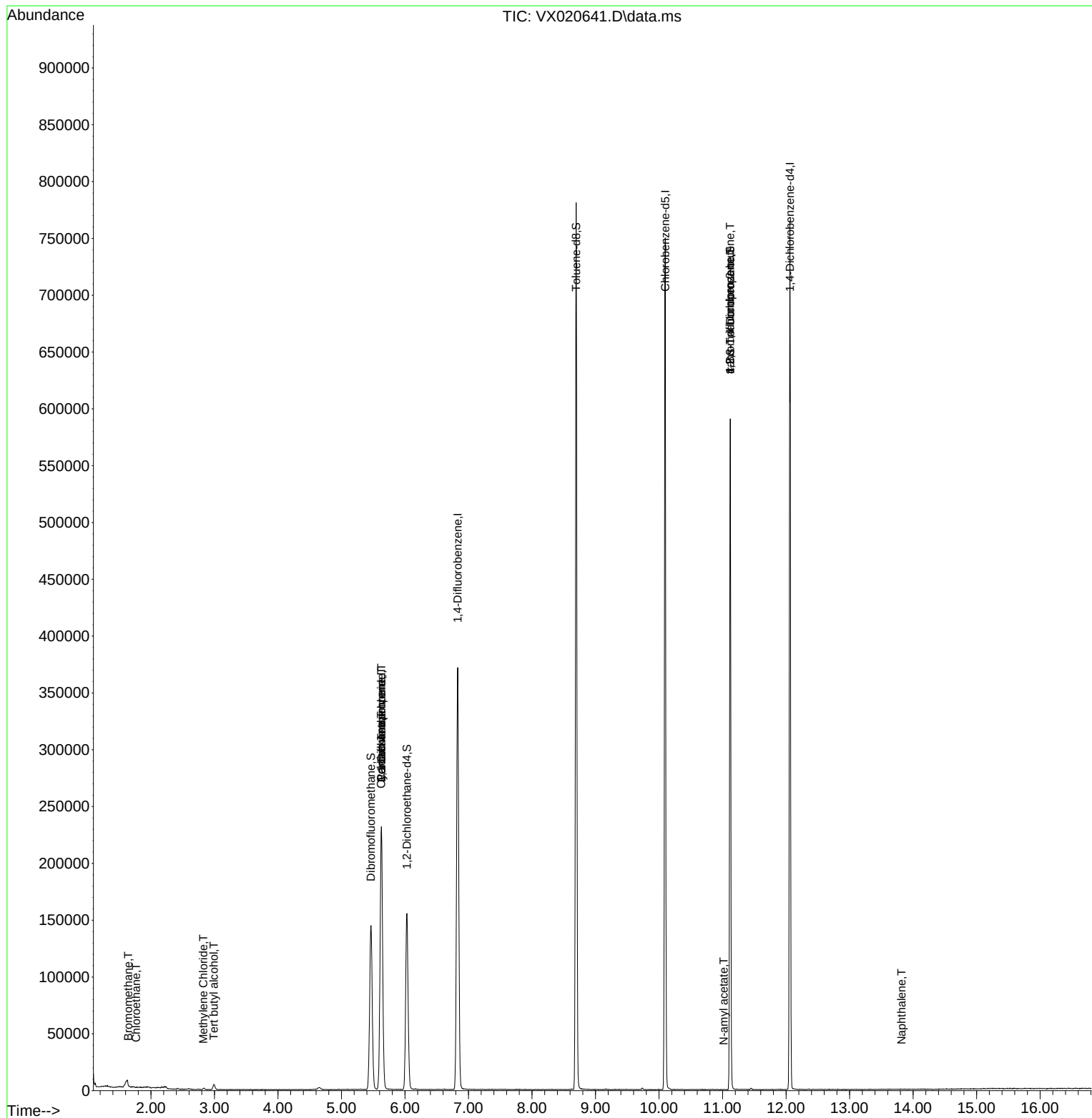
Internal Standards						
1) Pentafluorobenzene	5.629	168	211345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	379305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	350474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	155344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	151038	59.50	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	119.00%		
35) Dibromofluoromethane	5.465	113	126699	48.21	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.42%		
50) Toluene-d8	8.696	98	453189	48.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.38%		
62) 4-Bromofluorobenzene	11.122	95	162858	49.04	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.08%		
Target Compounds						Qvalue
5) Bromomethane	1.642	94	380	0.25	ug/l	100
6) Chloroethane	1.764	64	20	0.44	ug/l #	43
11) Tert butyl alcohol	2.989	59	2722	3.62	ug/l #	73
16) Acetone	2.422	43	897	Below Cal	#	72
20) Methylene Chloride	2.825	84	694	0.29	ug/l #	61
31) Cyclohexane	5.623	56	4318	1.45	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	17095	4.93	ug/l #	49
38) Carbon Tetrachloride	5.629	117	21936	5.42	ug/l #	16
74) N-amyl acetate	11.018	43	39	1.25	ug/l #	38
76) 1,2,3-Trichloropropane	11.122	75	79581	24.32	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	79581	66.26	ug/l #	12
95) Naphthalene	13.817	128	144	3.86	ug/l #	69

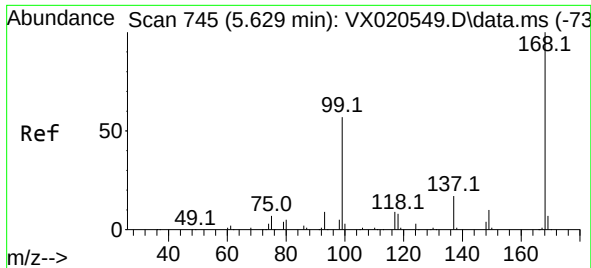
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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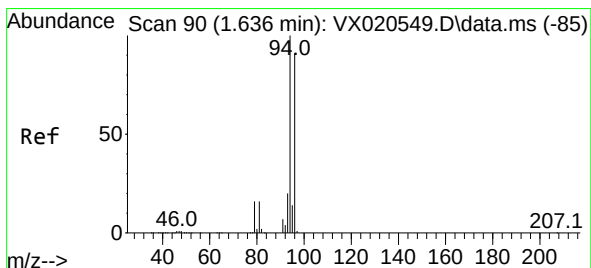
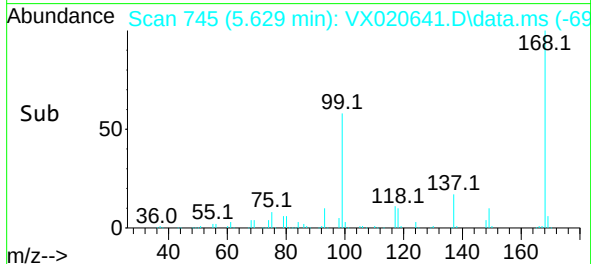
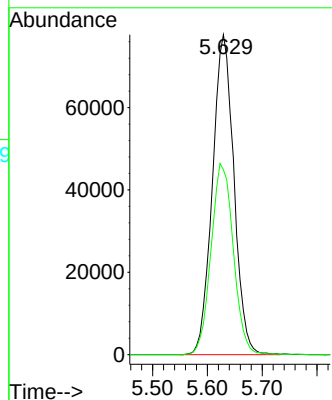
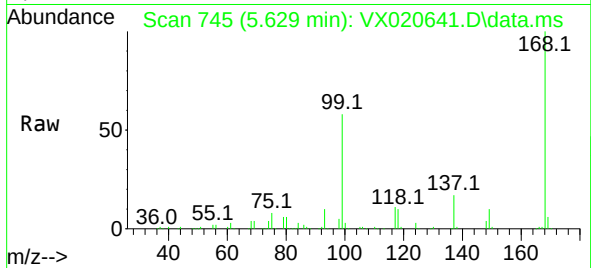




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

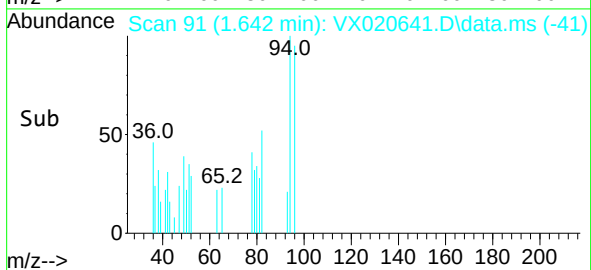
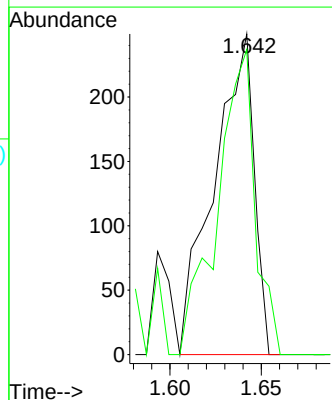
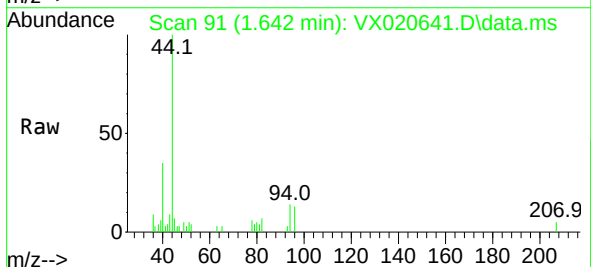
Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK

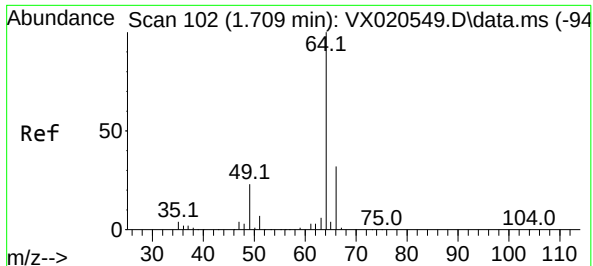
Tgt Ion:168 Resp: 211345
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



#5
Bromomethane
Concen: 0.25 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

Tgt Ion: 94 Resp: 380
Ion Ratio Lower Upper
94 100
96 95.2 76.4 114.6

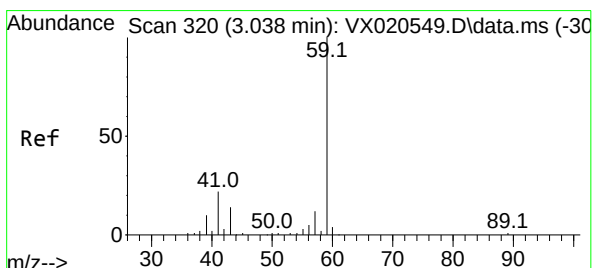
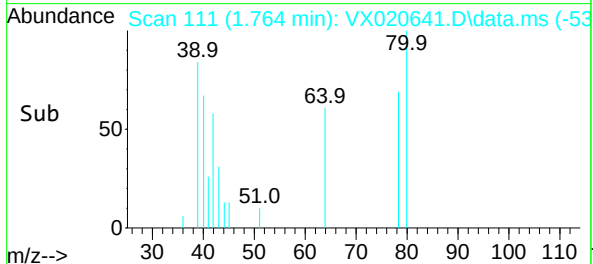
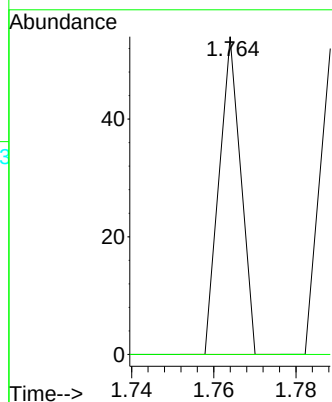
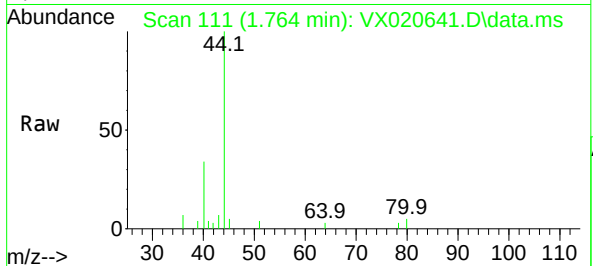




#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.764 min Scan# 111
Delta R.T. 0.055 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

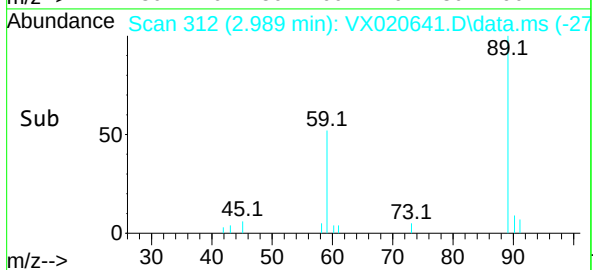
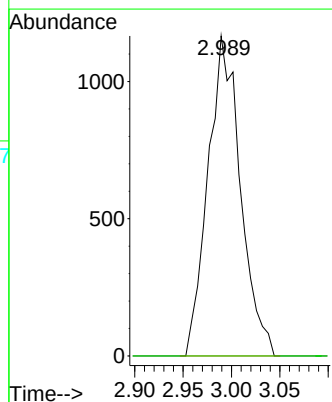
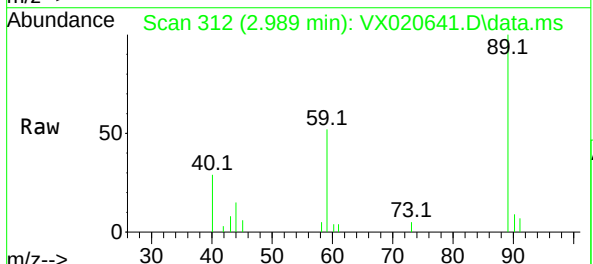
Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK

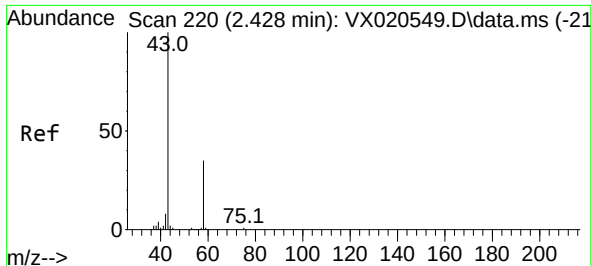
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 3.62 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

Tgt Ion: 59 Resp: 2722
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

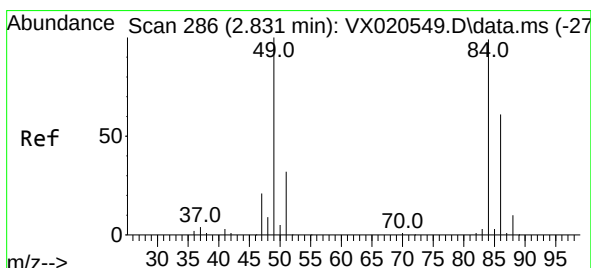
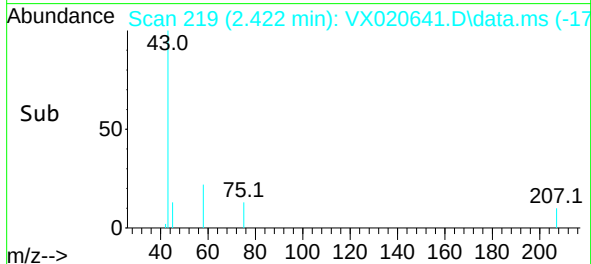
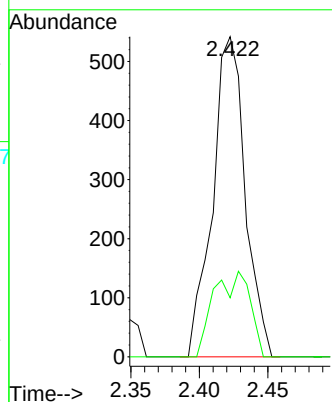
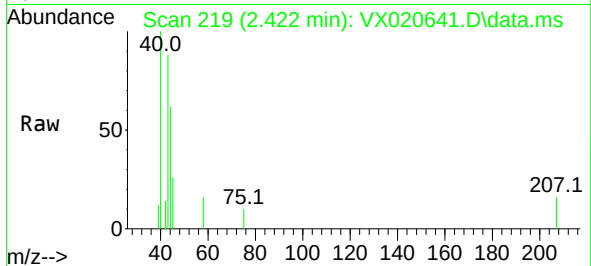




#16
Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

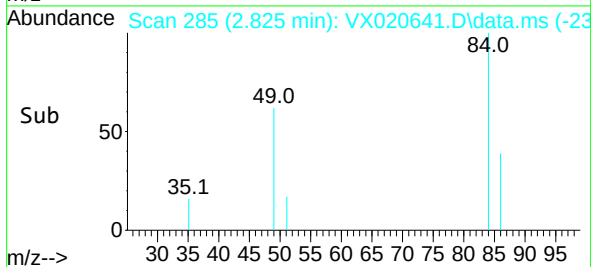
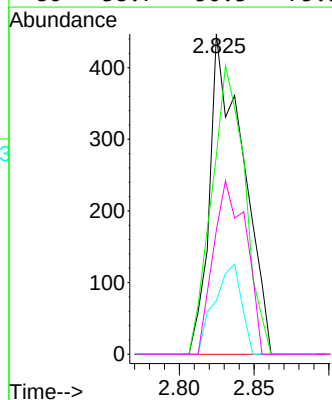
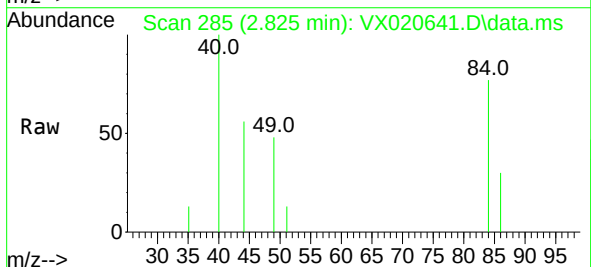
Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK

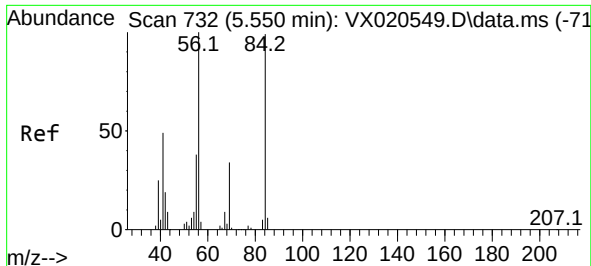
Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
58 18.5 27.8 41.8#



#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.825 min Scan# 285
Delta R.T. -0.006 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

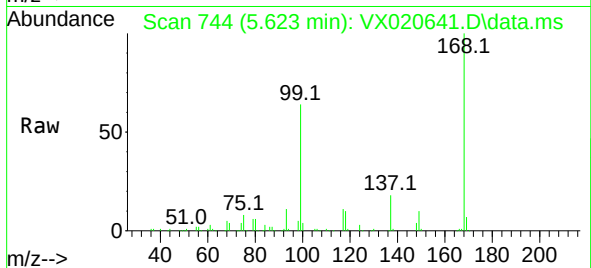
Tgt Ion: 84 Resp: 694
Ion Ratio Lower Upper
84 100
49 62.0 88.6 132.8#
51 16.8 27.0 40.6#
86 38.7 50.3 75.5#



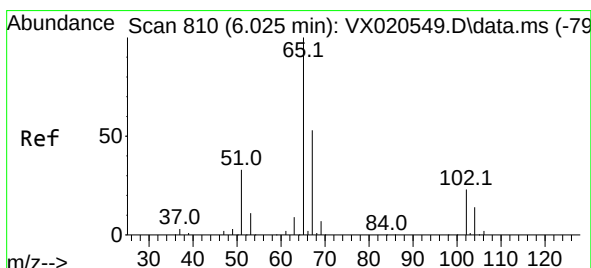
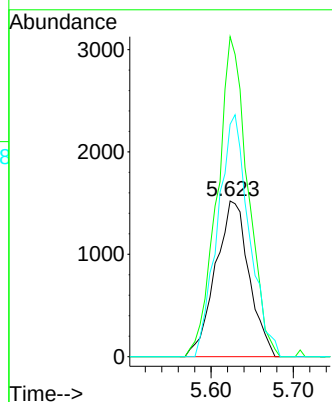
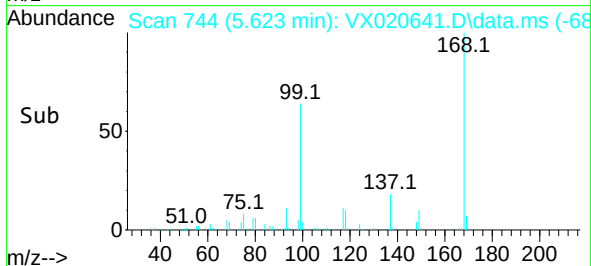


#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

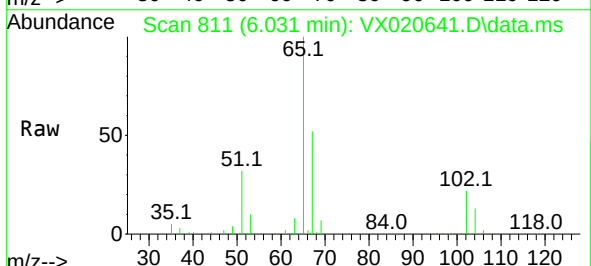
Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK



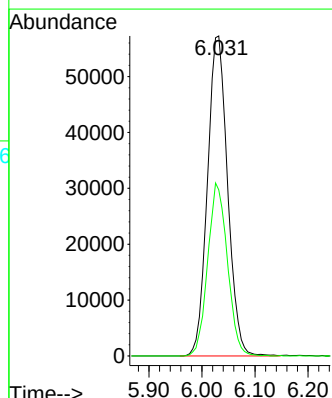
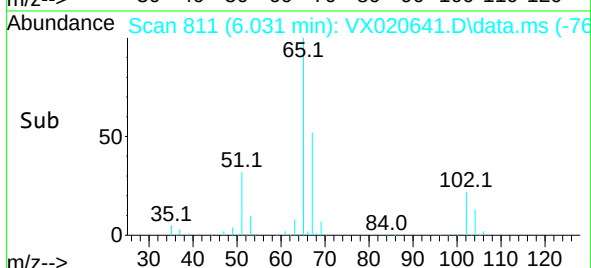
Tgt Ion: 56 Resp: 4318
Ion Ratio Lower Upper
56 100
69 205.5 25.3 37.9#
84 149.2 71.4 107.0#

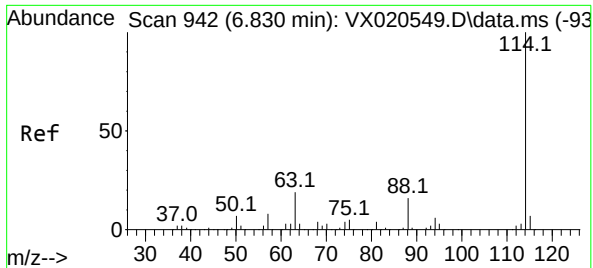


#33
1,2-Dichloroethane-d4
Concen: 59.50 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18



Tgt Ion: 65 Resp: 151038
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

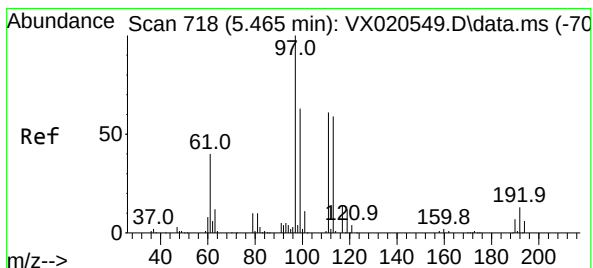
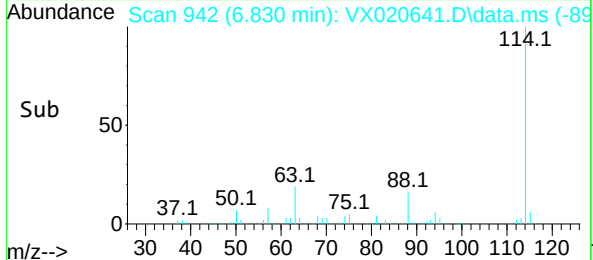
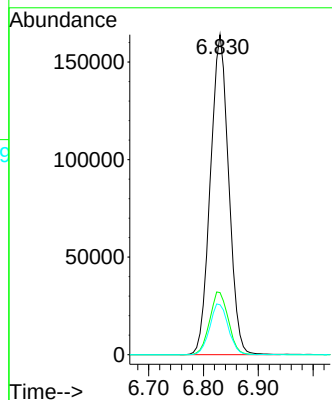
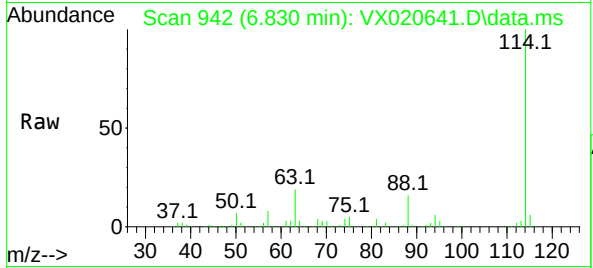




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

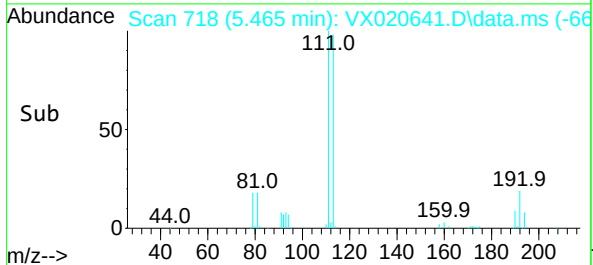
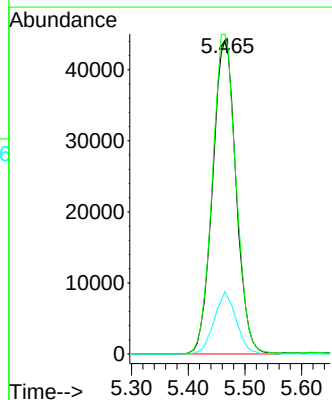
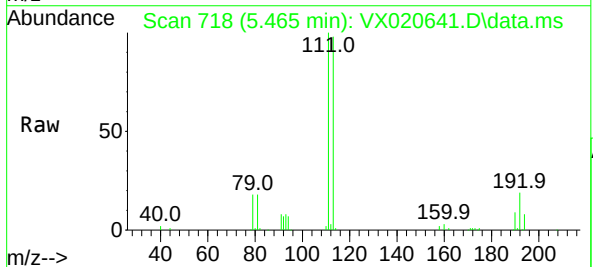
Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK

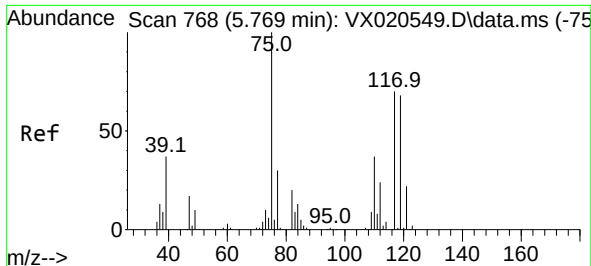
Tgt Ion:114 Resp: 379305
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.21 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

Tgt Ion:113 Resp: 126699
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 18.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.93 ug/l

RT: 5.629 min Scan# 745

Delta R.T. -0.140 min

Lab File: VX020641.D

Acq: 15 Jan 2021 19:18

Tgt Ion: 75 Resp: 17095

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

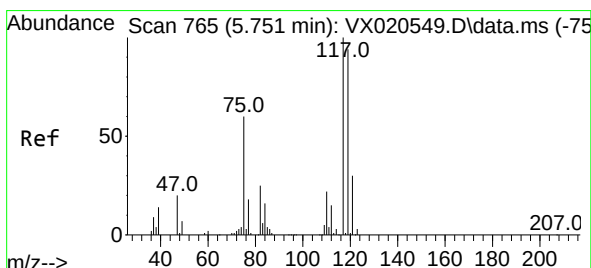
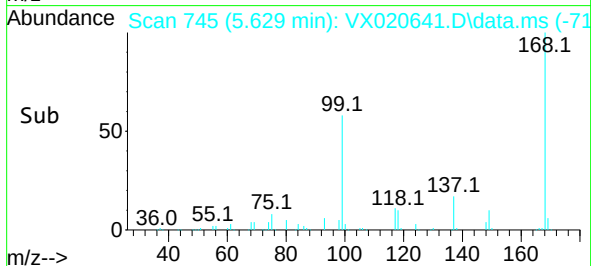
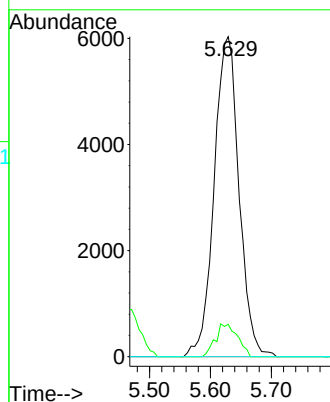
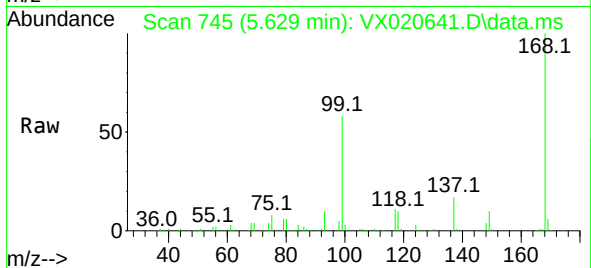
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

VOC-BLANK



#38

Carbon Tetrachloride

Concen: 5.42 ug/l

RT: 5.629 min Scan# 745

Delta R.T. -0.122 min

Lab File: VX020641.D

Acq: 15 Jan 2021 19:18

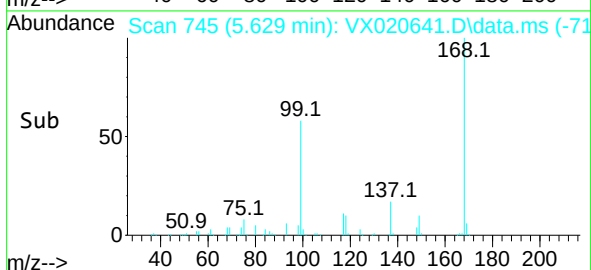
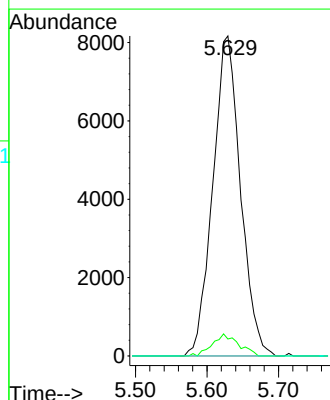
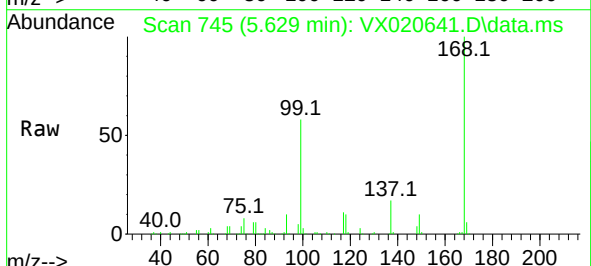
Tgt Ion: 117 Resp: 21936

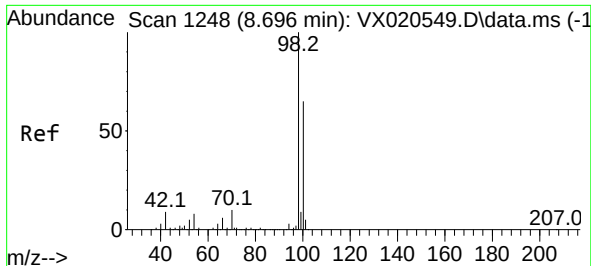
Ion Ratio Lower Upper

117 100

119 5.3 76.2 114.2#

121 0.0 24.8 37.2#

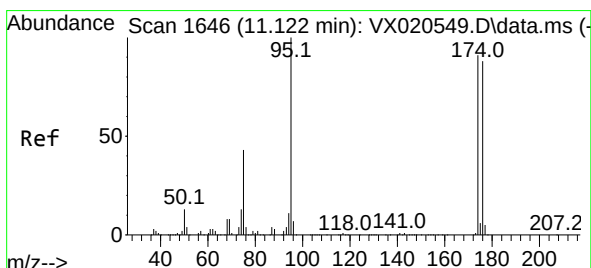
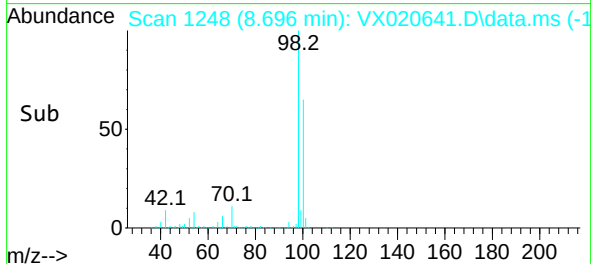
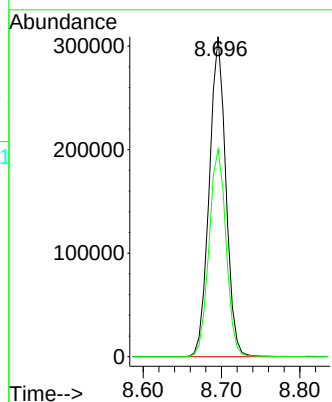
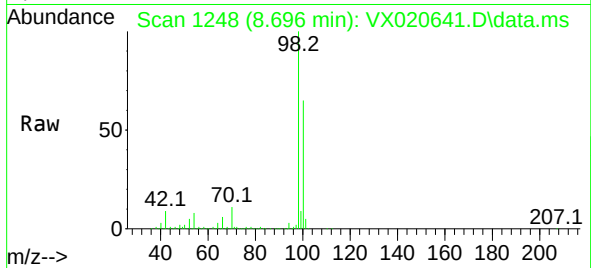




#50
Toluene-d8
Concen: 48.19 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

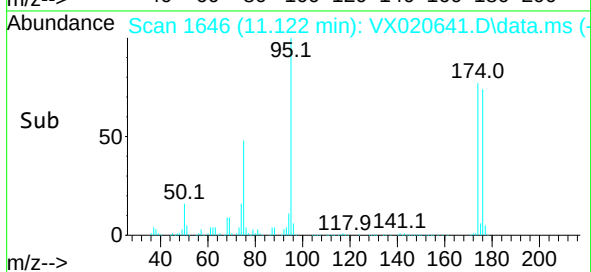
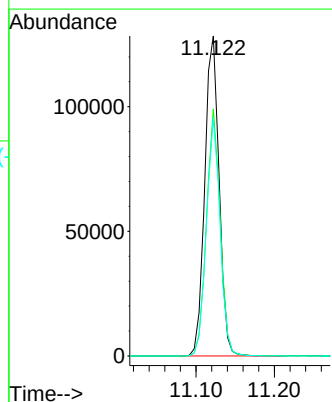
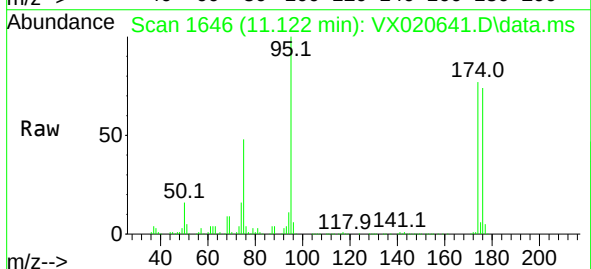
Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK

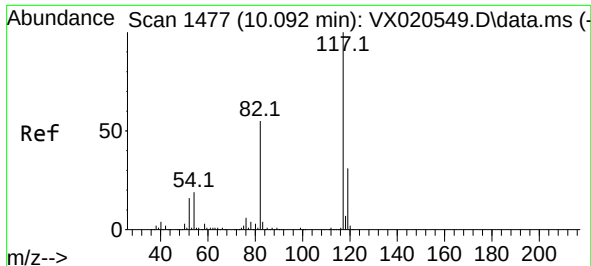
Tgt Ion: 98 Resp: 453189
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.04 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

Tgt Ion: 95 Resp: 162858
Ion Ratio Lower Upper
95 100
174 74.2 0.0 154.6
176 71.1 0.0 155.8

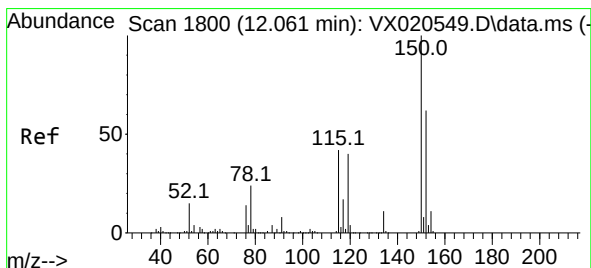
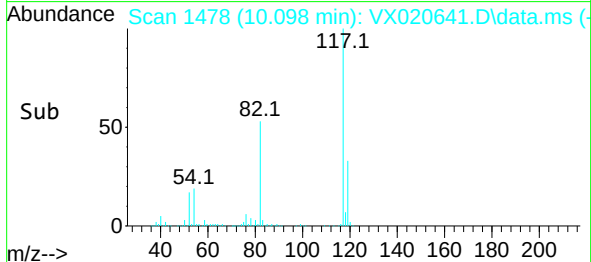
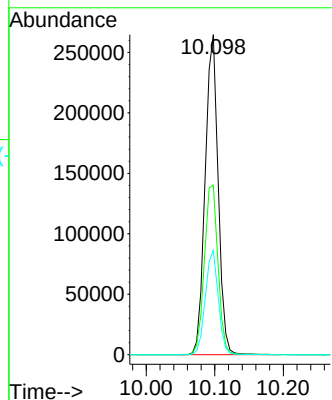
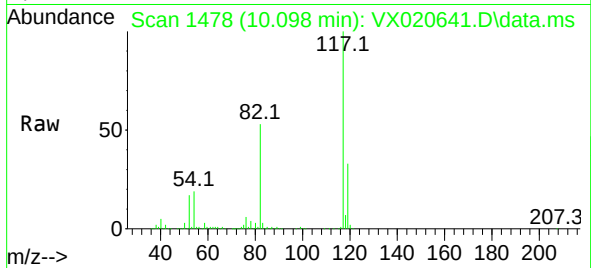




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

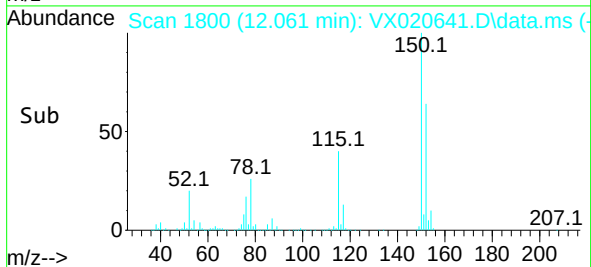
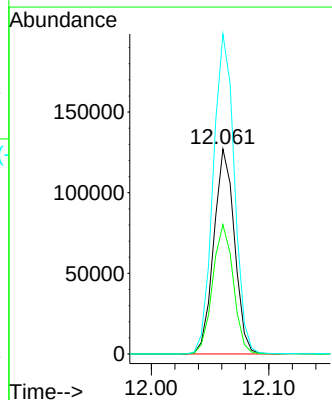
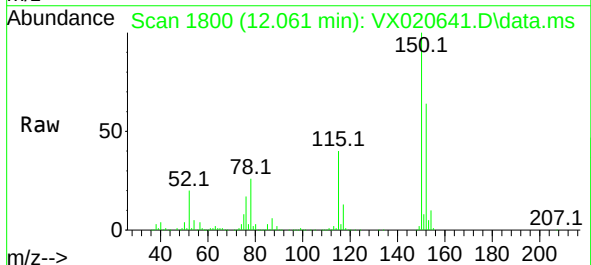
Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK

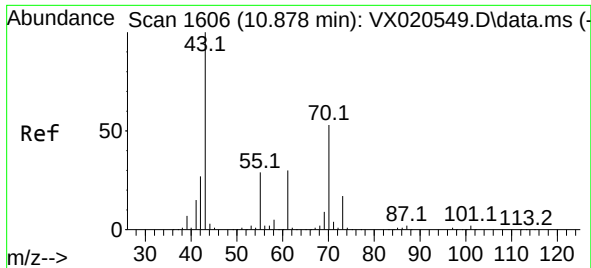
Tgt Ion:117 Resp: 350474
Ion Ratio Lower Upper
117 100
82 53.0 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

Tgt Ion:152 Resp: 155344
Ion Ratio Lower Upper
152 100
115 63.2 41.1 123.3
150 159.5 0.0 349.0

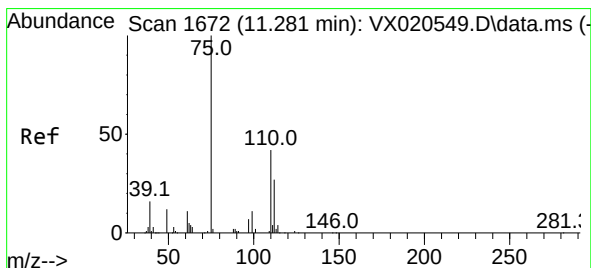
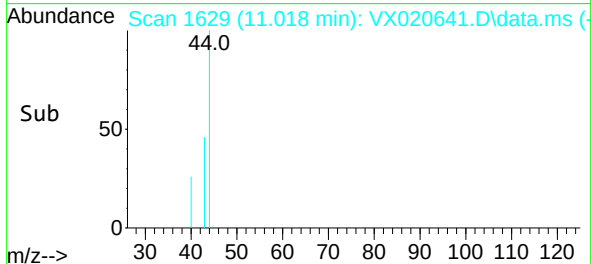
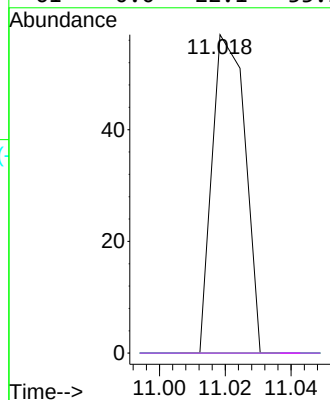
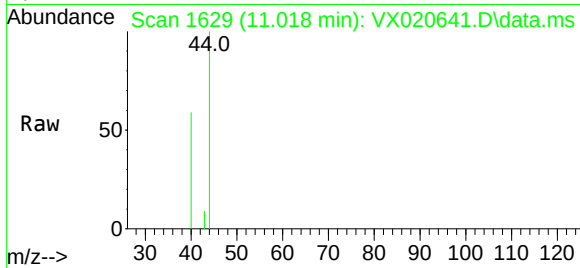




#74
N-amy1 acetate
Concen: 1.25 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.140 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

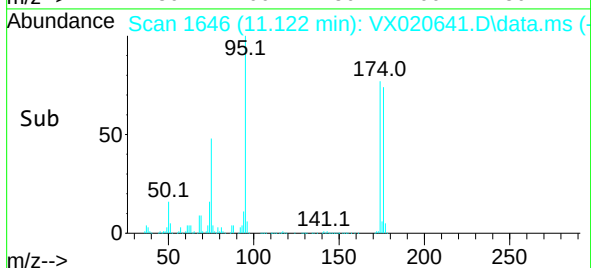
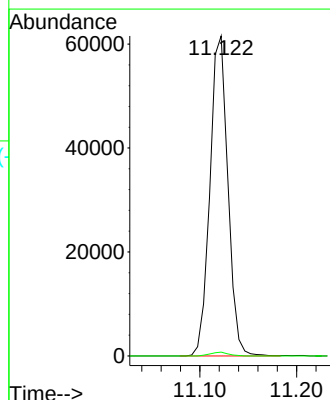
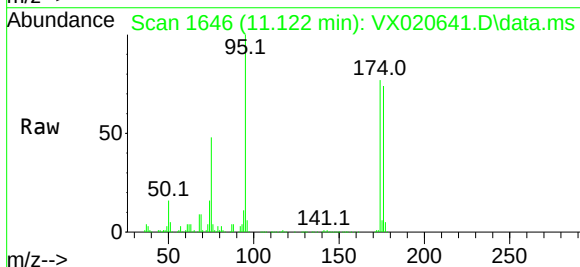
Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK

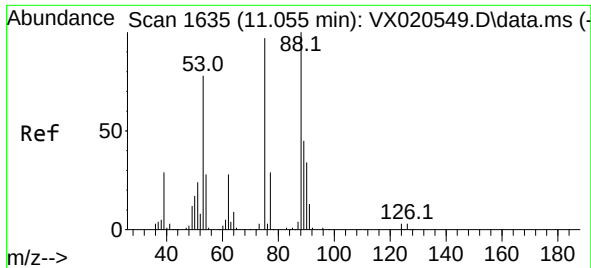
Tgt Ion: 43	Resp:	39
Ion Ratio	Lower	Upper
43	100	
70	0.0	39.0 58.6#
55	0.0	21.5 32.3#
61	0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 24.32 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

Tgt Ion: 75	Resp:	79581
Ion Ratio	Lower	Upper
75	100	
77	1.2	19.1 57.5#

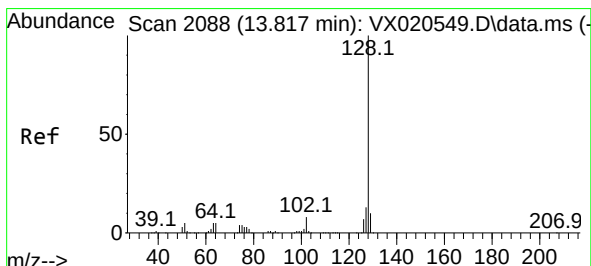
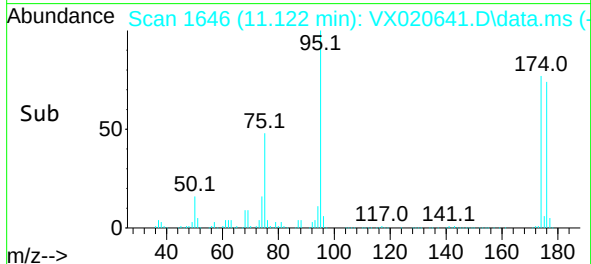
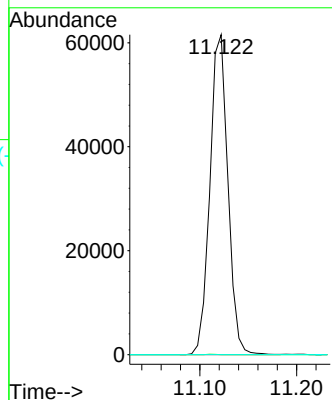
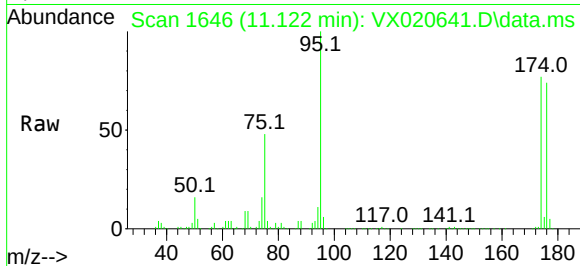




#81
trans-1,4-Dichloro-2-butene
Concen: 66.26 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020641.D
Acq: 15 Jan 2021 19:18

Instrument :
MSVOA_X
ClientSampleId :
VOC-BLANK

Tgt Ion: 75 Resp: 79581
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: VX020641.D
Acq: 15 Jan 2021 19:18

Tgt Ion: 128 Resp: 144
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

