

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020554.D
 Acq On : 11 Jan 2021 17:04
 Operator : JC/MD
 Sample : VX0111WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 02:52:35 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)

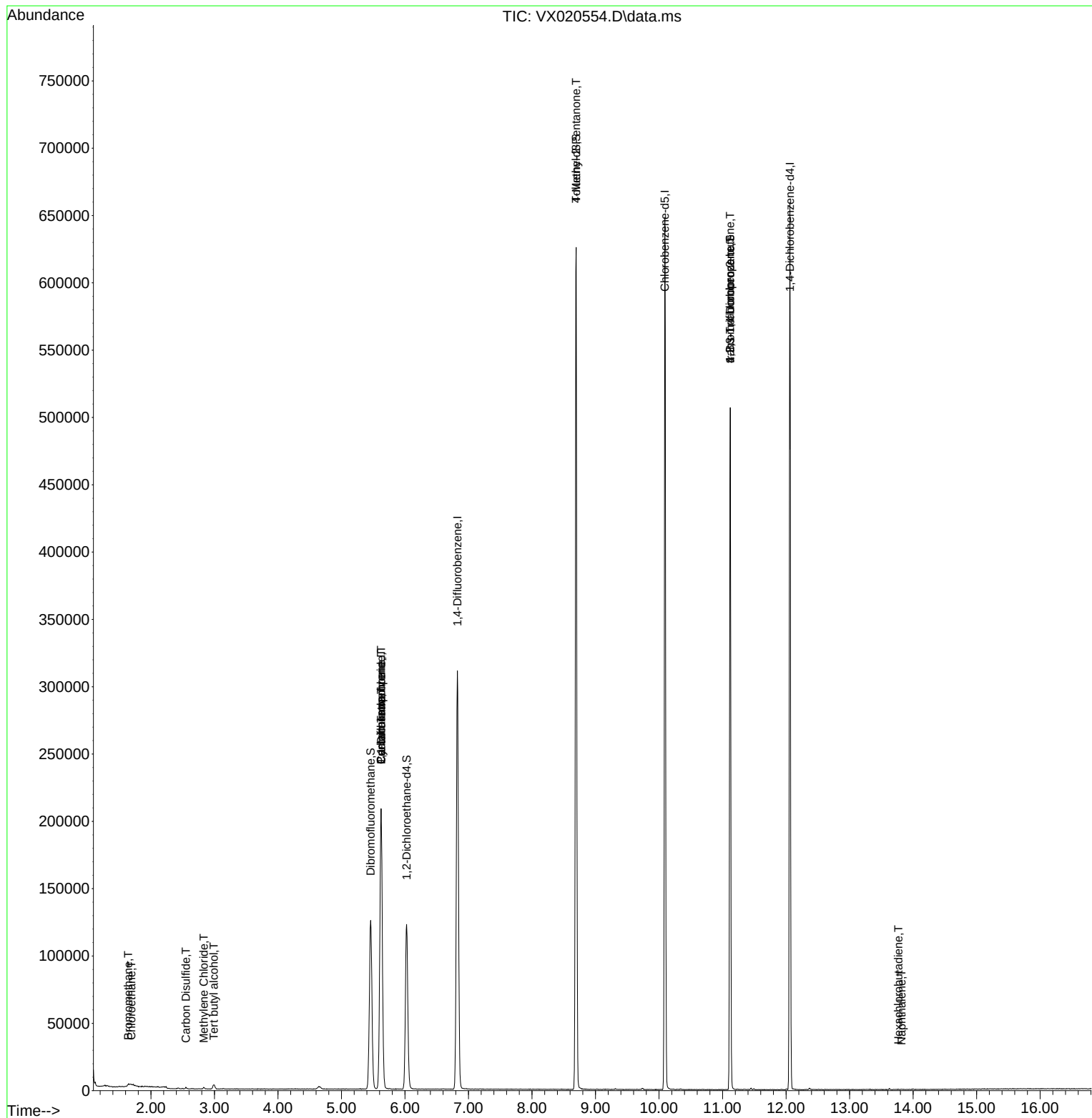
Internal Standards						
1) Pentafluorobenzene	5.623	168	204787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	324382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	306057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	139611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	119179	48.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.90%
35) Dibromofluoromethane	5.458	113	108734	48.38	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.76%
50) Toluene-d8	8.696	98	384850	47.85	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.70%
62) 4-Bromofluorobenzene	11.122	95	134907	47.50	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.00%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	421	0.29	ug/l #	72
6) Chloroethane	1.691	64	21	0.44	ug/l #	43
11) Tert butyl alcohol	2.989	59	1930	2.04	ug/l #	73
16) Acetone	2.428	43	658	Below	Cal	95
17) Carbon Disulfide	2.550	76	1247	0.23	ug/l	95
20) Methylene Chloride	2.831	84	509	0.22	ug/l #	87
31) Cyclohexane	5.623	56	3460	1.20	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	14057	4.74	ug/l #	49
38) Carbon Tetrachloride	5.623	117	19357	5.60	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	1347	0.52	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	64620	21.97	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.122	75	64620	59.86	ug/l #	12
94) Hexachlorobutadiene	13.768	225	110	0.94	ug/l #	65
95) Naphthalene	13.817	128	340	3.88	ug/l #	69

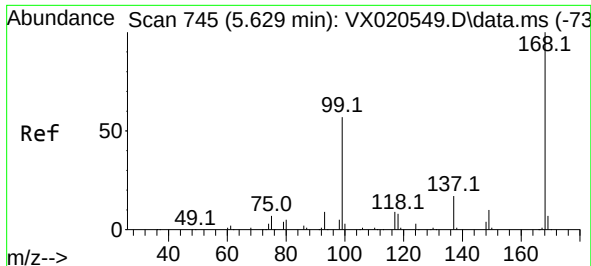
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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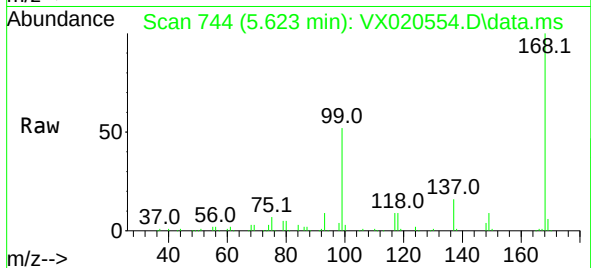
Quant Time: Jan 12 02:52:35 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
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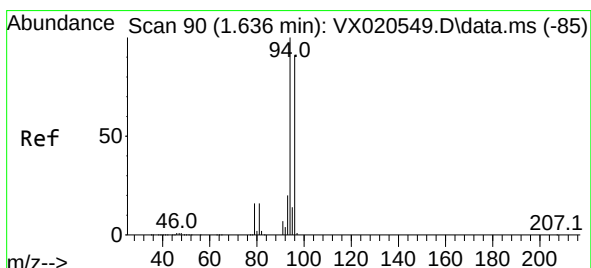
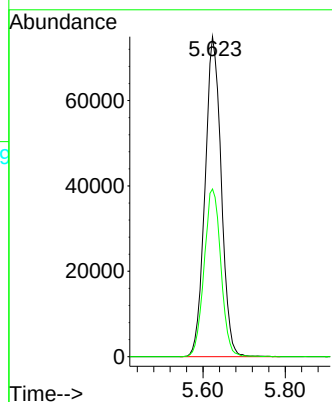
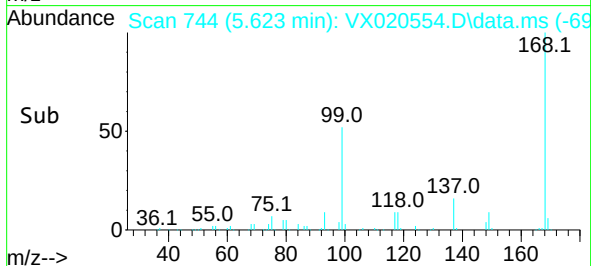


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

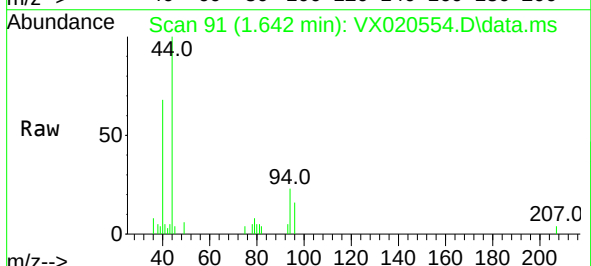
Instrument :
MSVOA_X
ClientSampled :



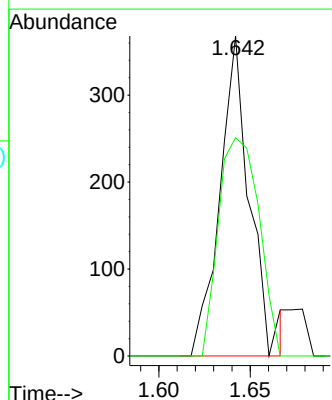
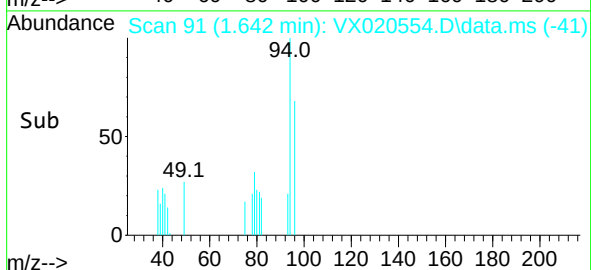
Tgt Ion:168 Resp: 204787
Ion Ratio Lower Upper
168 100
99 52.4 45.8 68.6

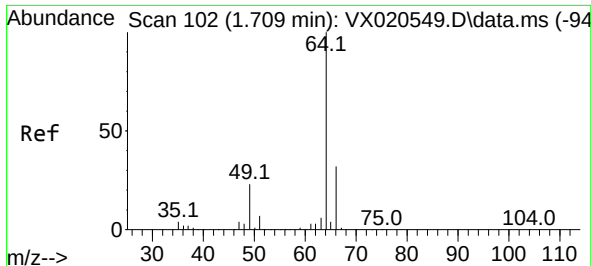


#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04



Tgt Ion: 94 Resp: 421
Ion Ratio Lower Upper
94 100
96 68.2 76.4 114.6#

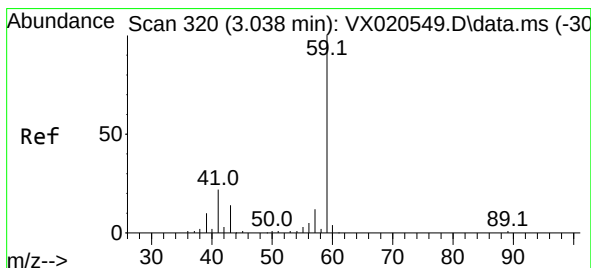
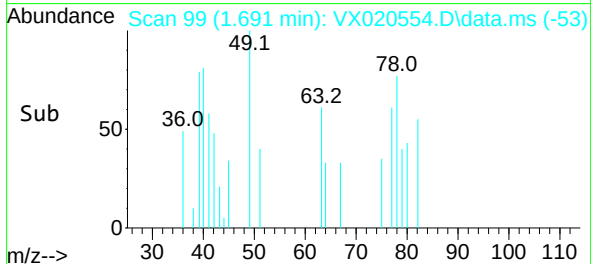
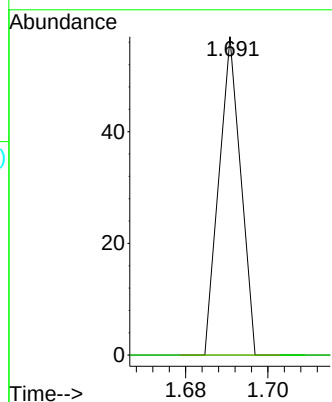
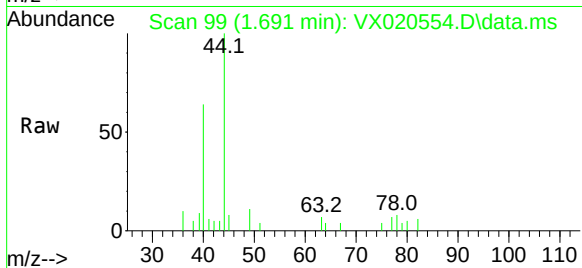




#6
Chloroethane
Concen: 0.44 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.018 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

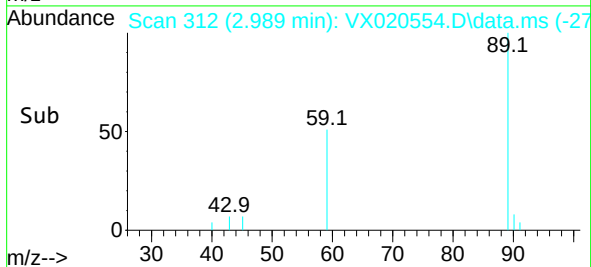
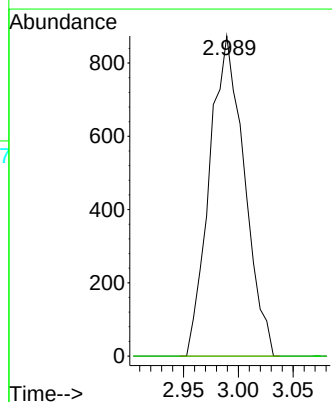
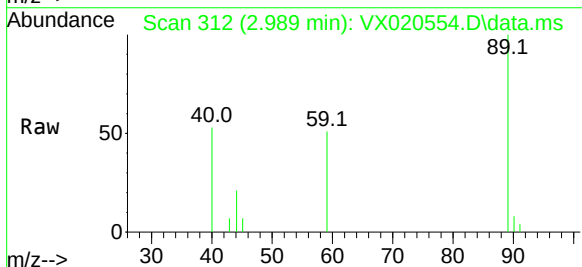
Instrument :
MSVOA_X
ClientSampleId :

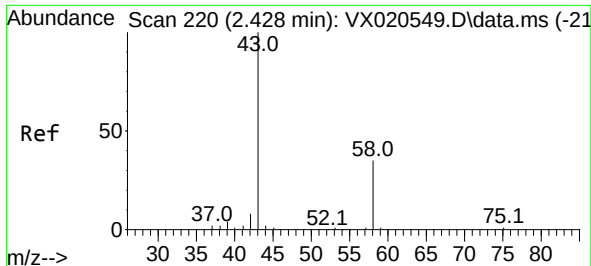
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 2.04 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

Tgt Ion: 59 Resp: 1930
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

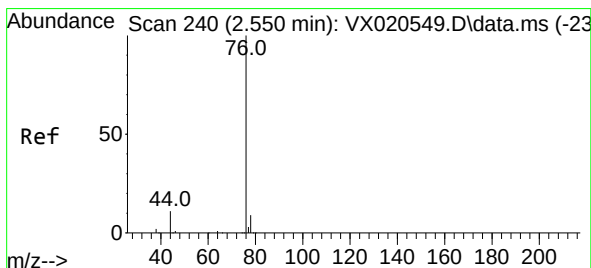
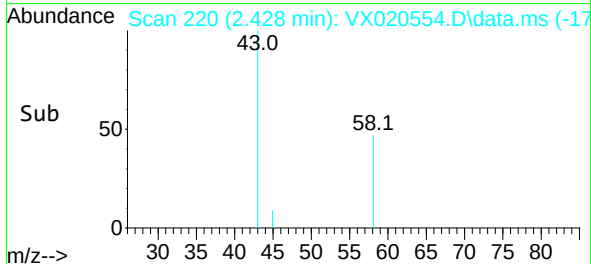
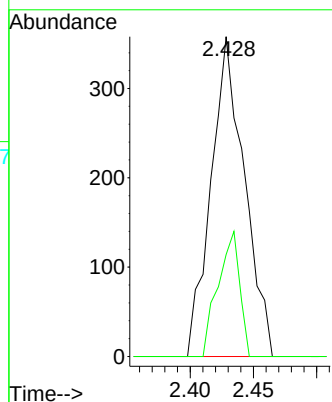
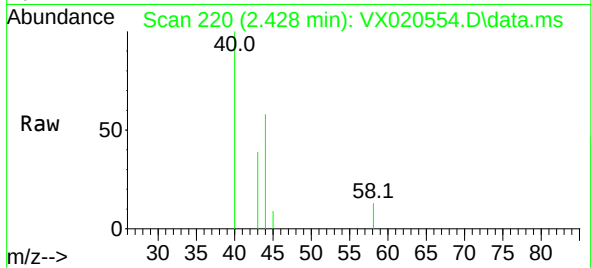




#16
Acetone
Concen: Below Cal
RT: 2.428 min Scan# 220
Delta R.T. 0.000 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

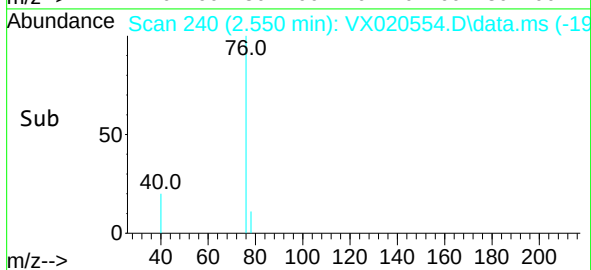
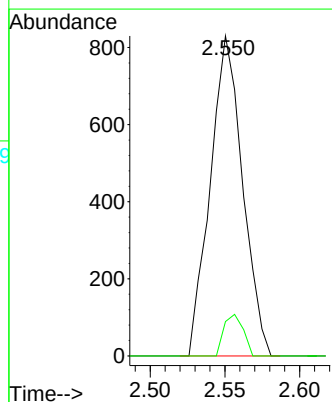
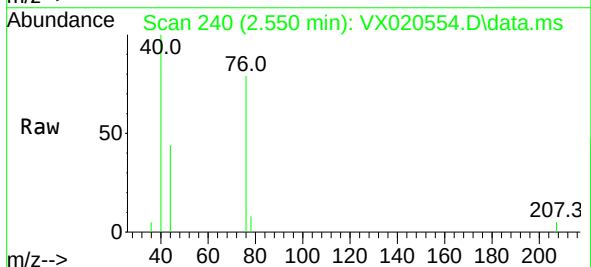
Instrument :
MSVOA_X
ClientSampled :

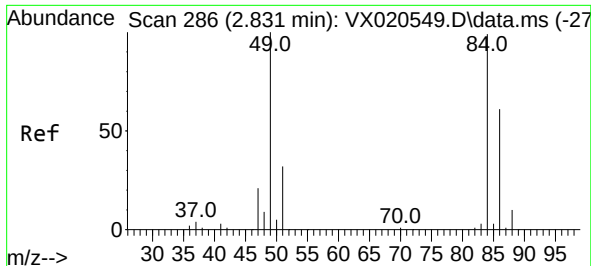
Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 31.8 27.8 41.8



#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

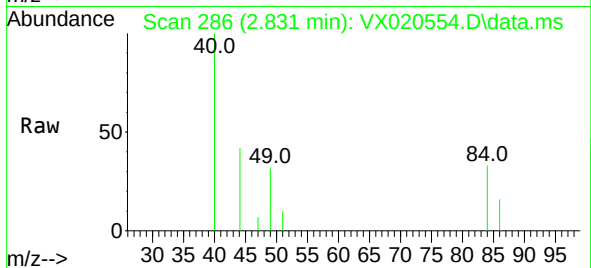
Tgt Ion: 76 Resp: 1247
Ion Ratio Lower Upper
76 100
78 10.7 7.2 10.8



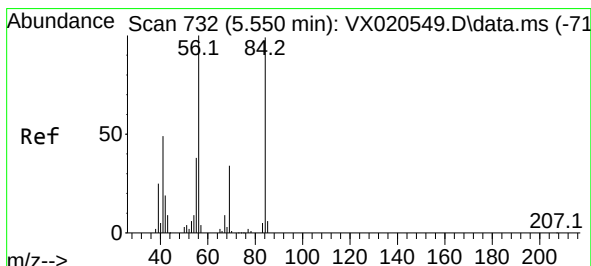
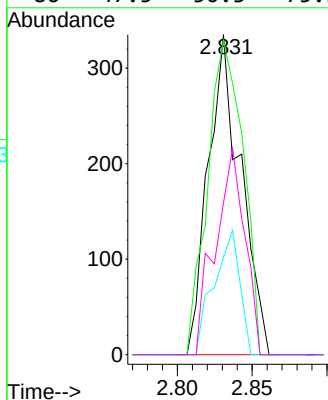
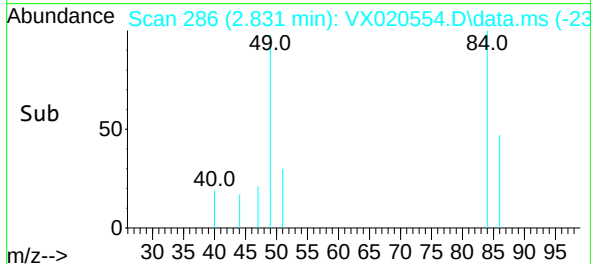


#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

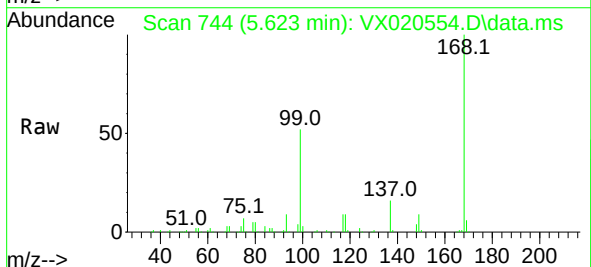
Instrument :
MSVOA_X
ClientSampleId :



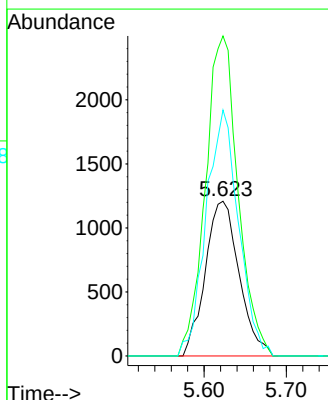
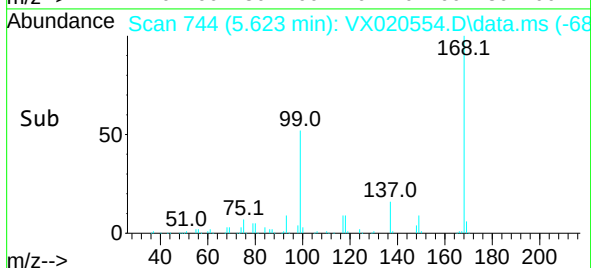
Tgt Ion:	84	Resp:	509
Ion	Ratio	Lower	Upper
84	100		
49	98.2	88.6	132.8
51	30.4	27.0	40.6
86	47.5	50.3	75.5#

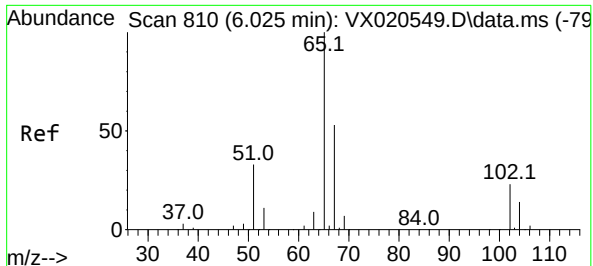


#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.073 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04



Tgt Ion:	56	Resp:	3460
Ion	Ratio	Lower	Upper
56	100		
69	206.9	25.3	37.9#
84	158.9	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.45 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020554.D

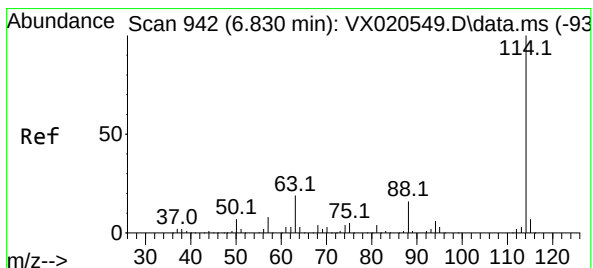
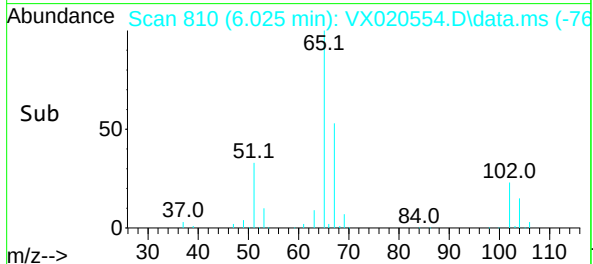
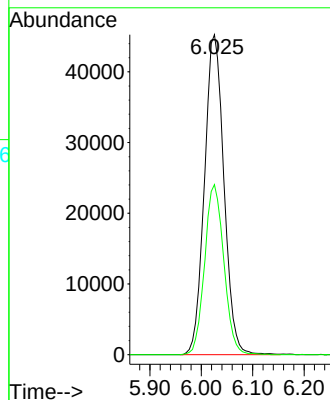
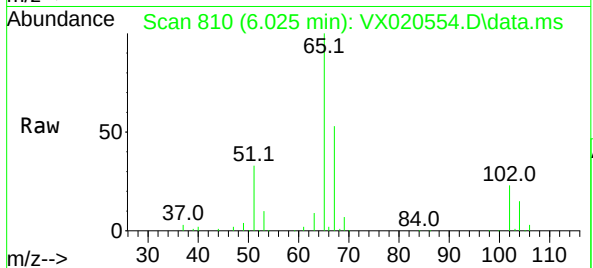
Acq: 11 Jan 2021 17:04

Tgt Ion: 65 Resp: 119179

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.824 min Scan# 941

Delta R.T. -0.006 min

Lab File: VX020554.D

Acq: 11 Jan 2021 17:04

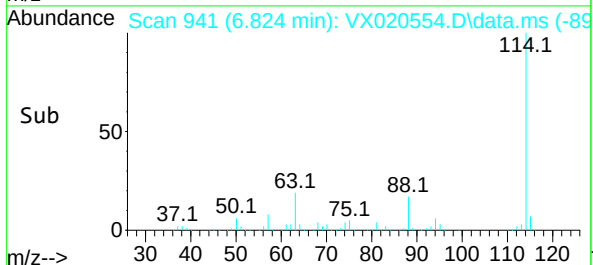
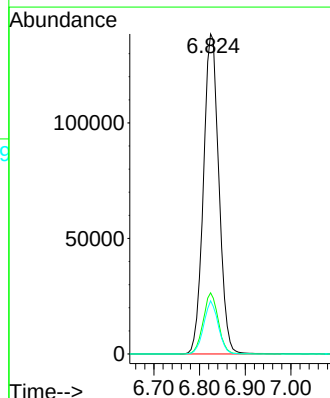
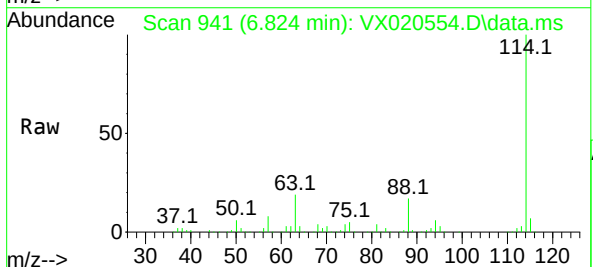
Tgt Ion: 114 Resp: 324382

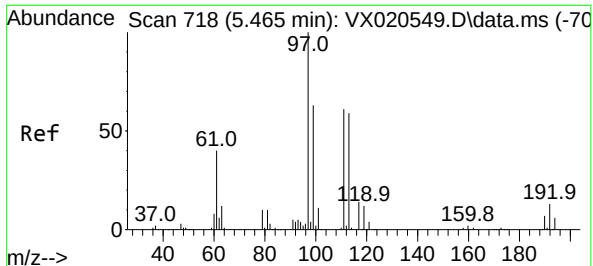
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

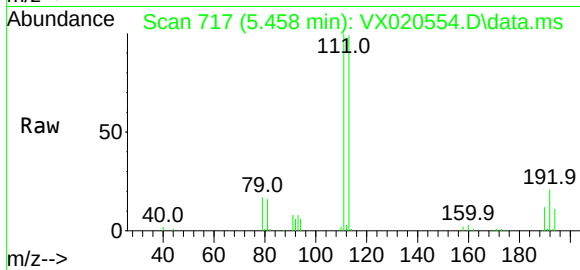
88 16.6 0.0 32.8



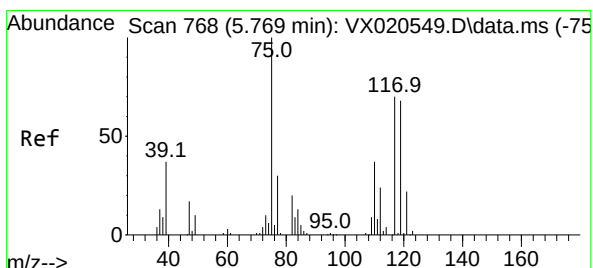
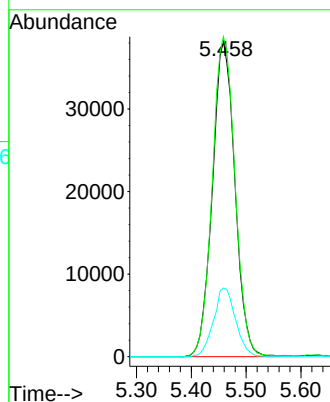
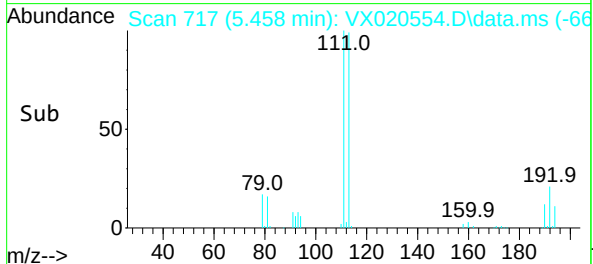


#35
Dibromofluoromethane
Concen: 48.38 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

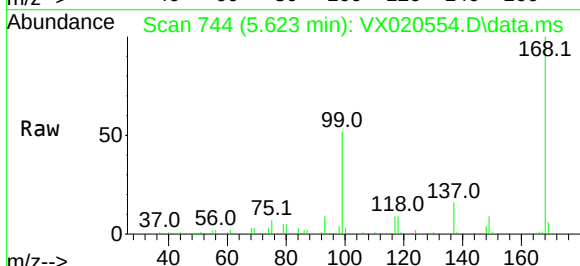
Instrument :
MSVOA_X
ClientSampled :



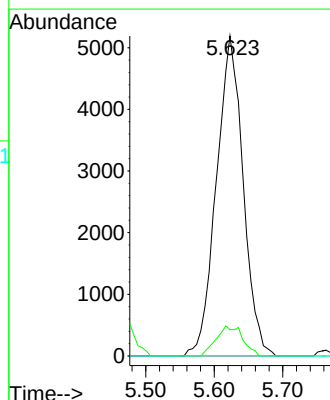
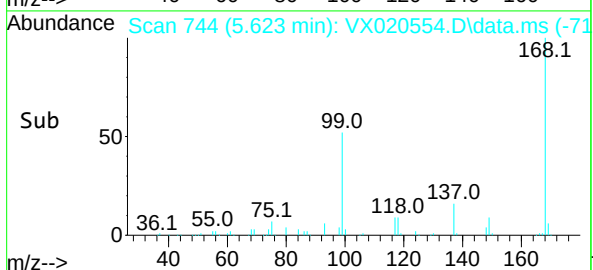
Tgt Ion:113 Resp: 108734
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 21.4 16.7 25.1

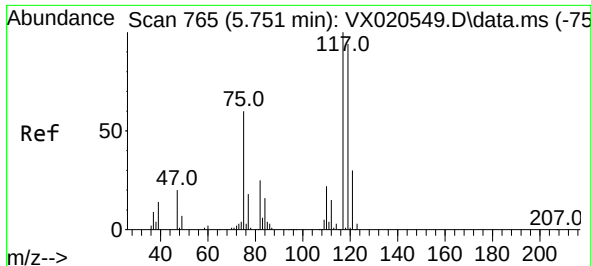


#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04



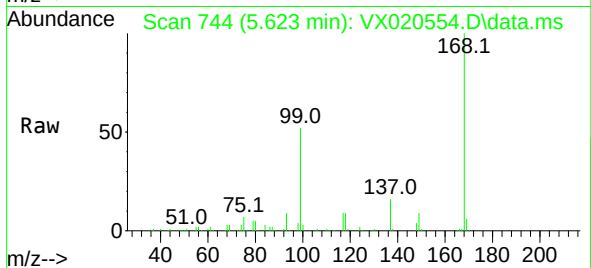
Tgt Ion: 75 Resp: 14057
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



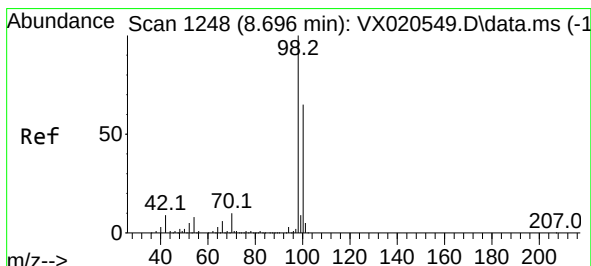
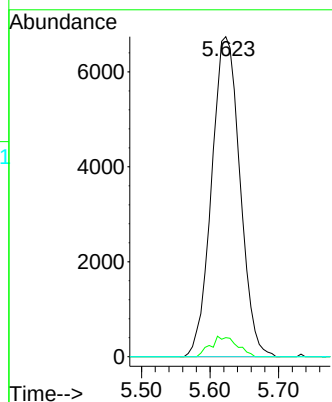
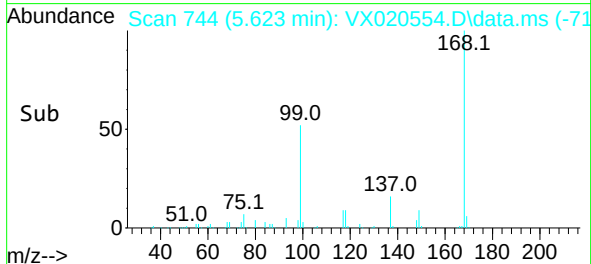


#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

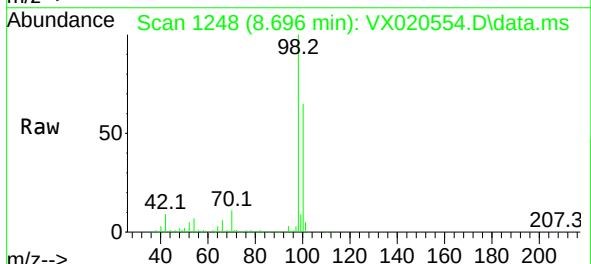
Instrument :
MSVOA_X
ClientSampleId :



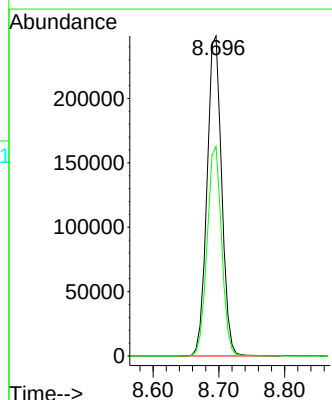
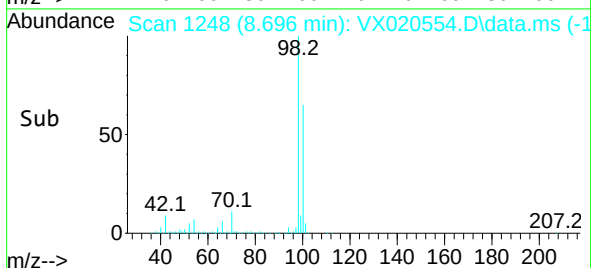
Tgt Ion:117 Resp: 19357
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

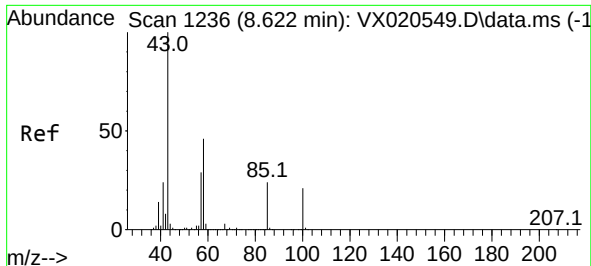


#50
Toluene-d8
Concen: 47.85 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04



Tgt Ion: 98 Resp: 384850
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

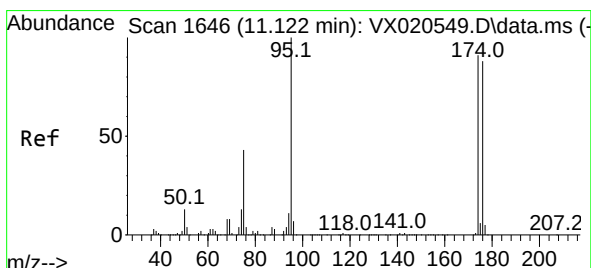
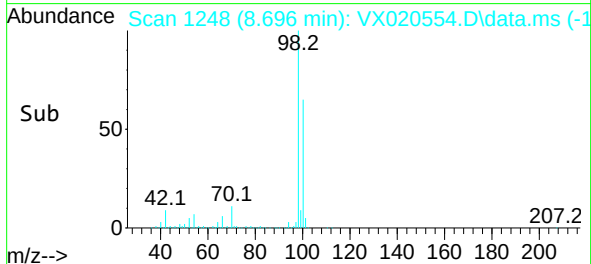
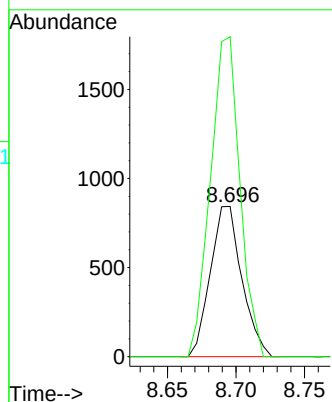
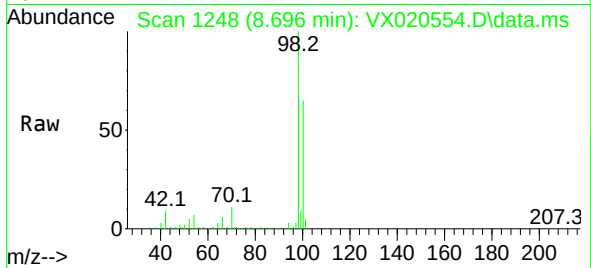




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.074 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

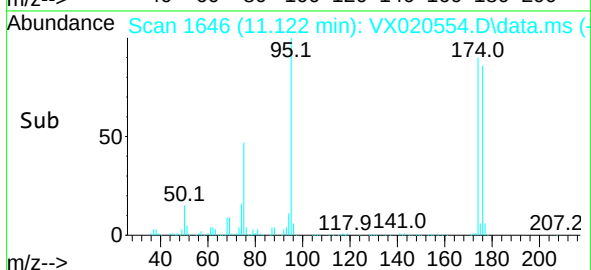
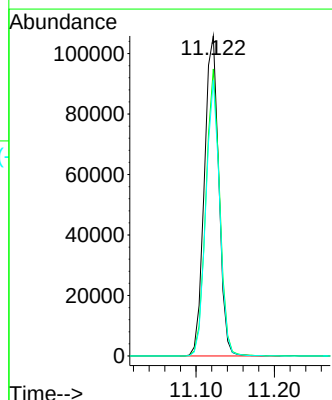
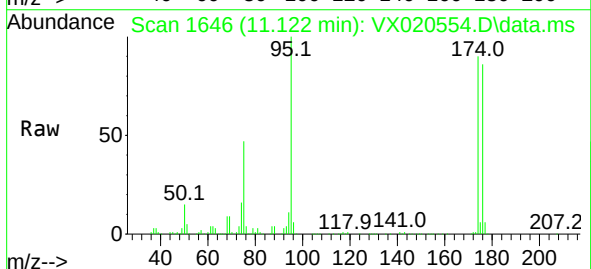
Instrument :
MSVOA_X
ClientSampled :

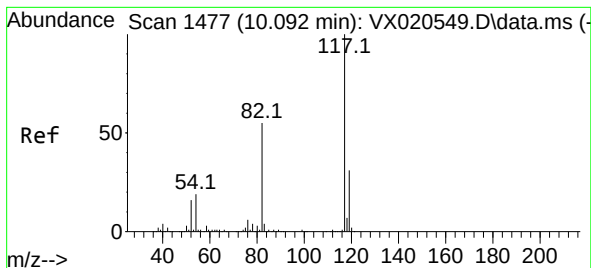
Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
58 199.6 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.50 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

Tgt Ion: 95 Resp: 134907
Ion Ratio Lower Upper
95 100
174 86.3 0.0 154.6
176 82.4 0.0 155.8

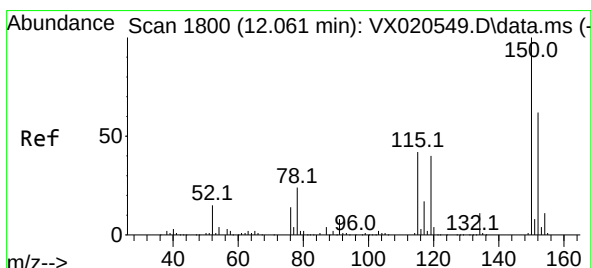
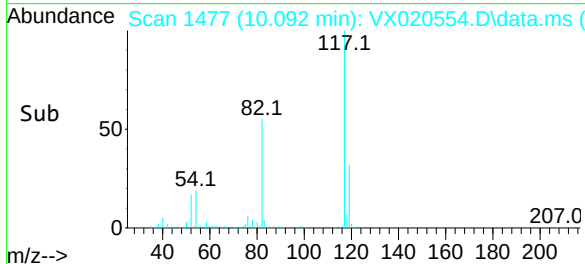
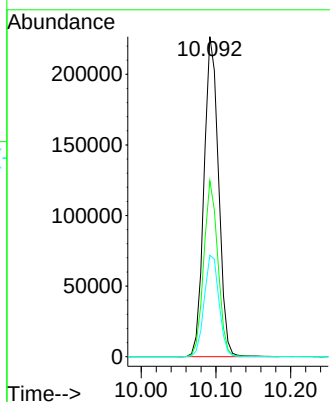
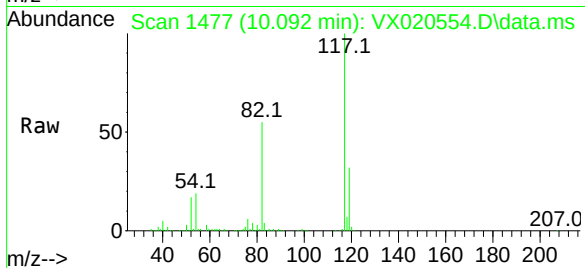




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

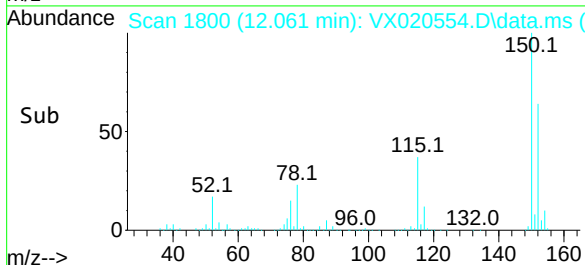
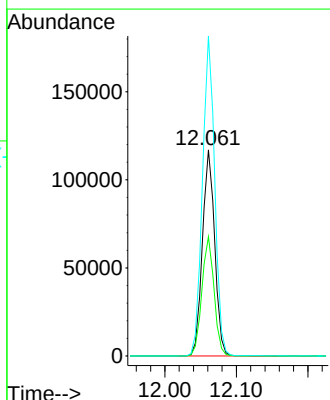
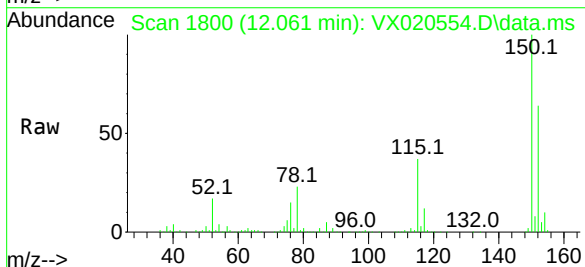
Instrument :
MSVOA_X
ClientSampleId :

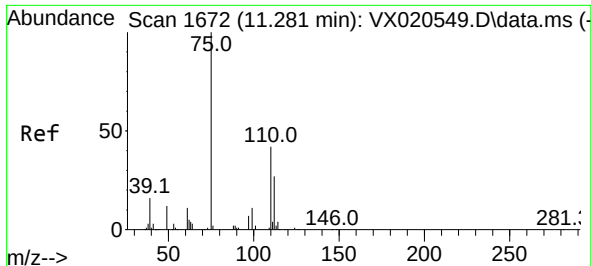
Tgt Ion:117 Resp: 306057
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

Tgt Ion:152 Resp: 139611
Ion Ratio Lower Upper
152 100
115 57.2 41.1 123.3
150 154.6 0.0 349.0

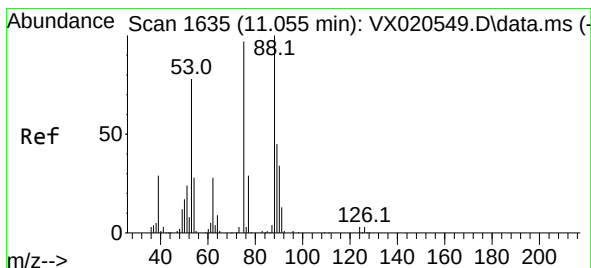
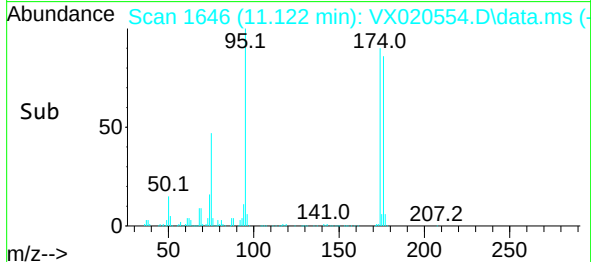
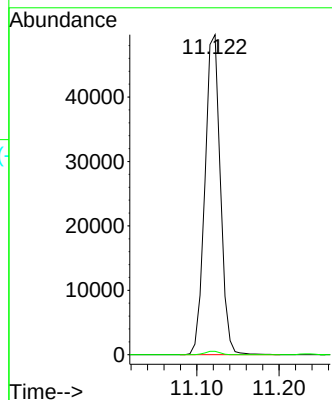
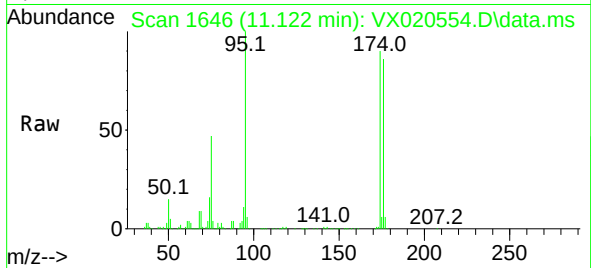




#76
1,2,3-Trichloropropane
Concen: 21.97 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

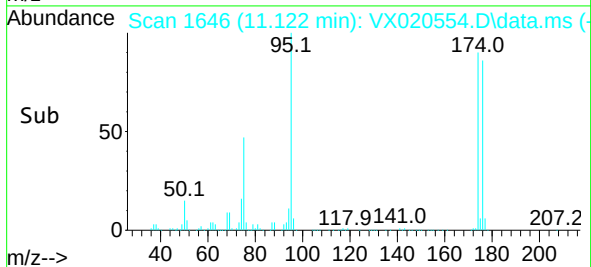
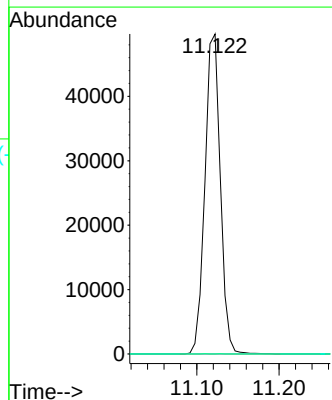
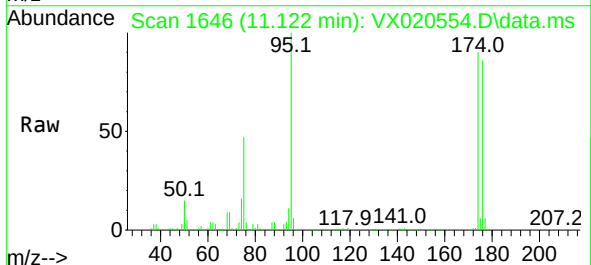
Instrument :
MSVOA_X
ClientSampleId :

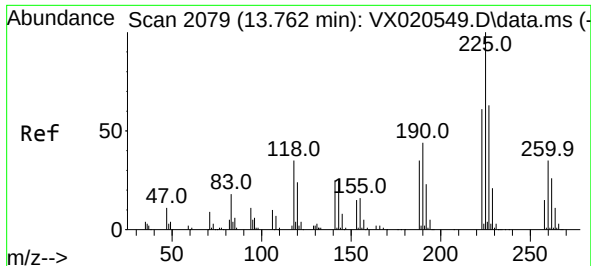
Tgt Ion: 75 Resp: 64620
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.86 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

Tgt Ion: 75 Resp: 64620
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

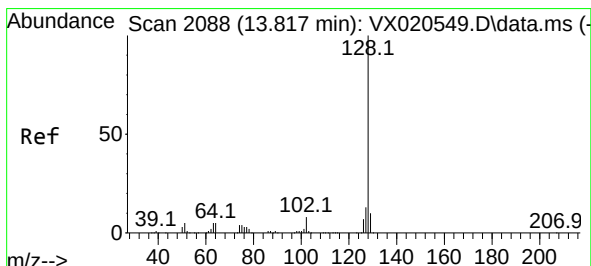
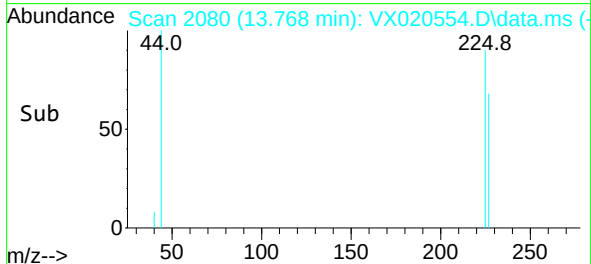
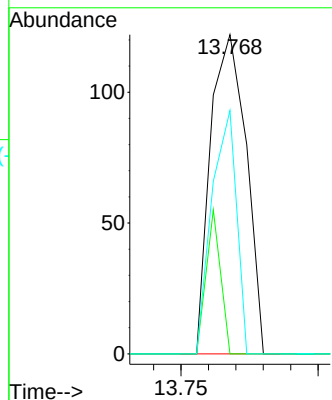
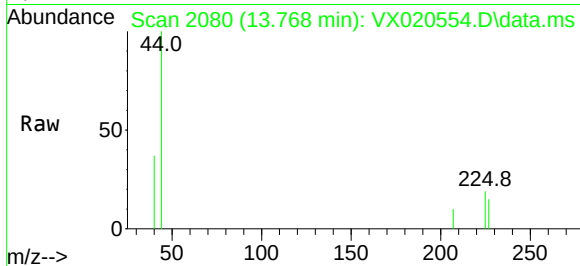




#94
Hexachlorobutadiene
Concen: 0.94 ug/l
RT: 13.768 min Scan# 2080
Delta R.T. 0.006 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:225 Resp: 110
Ion Ratio Lower Upper
225 100
223 18.2 31.1 93.2#
227 52.7 31.6 95.0



#95
Naphthalene
Concen: 3.88 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020554.D
Acq: 11 Jan 2021 17:04

Tgt Ion:128 Resp: 340
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

