

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021361.D
 Acq On : 22 Mar 2021 16:19
 Operator : JC/MD
 Sample : M1736-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20210317

Quant Time: Mar 23 02:02:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

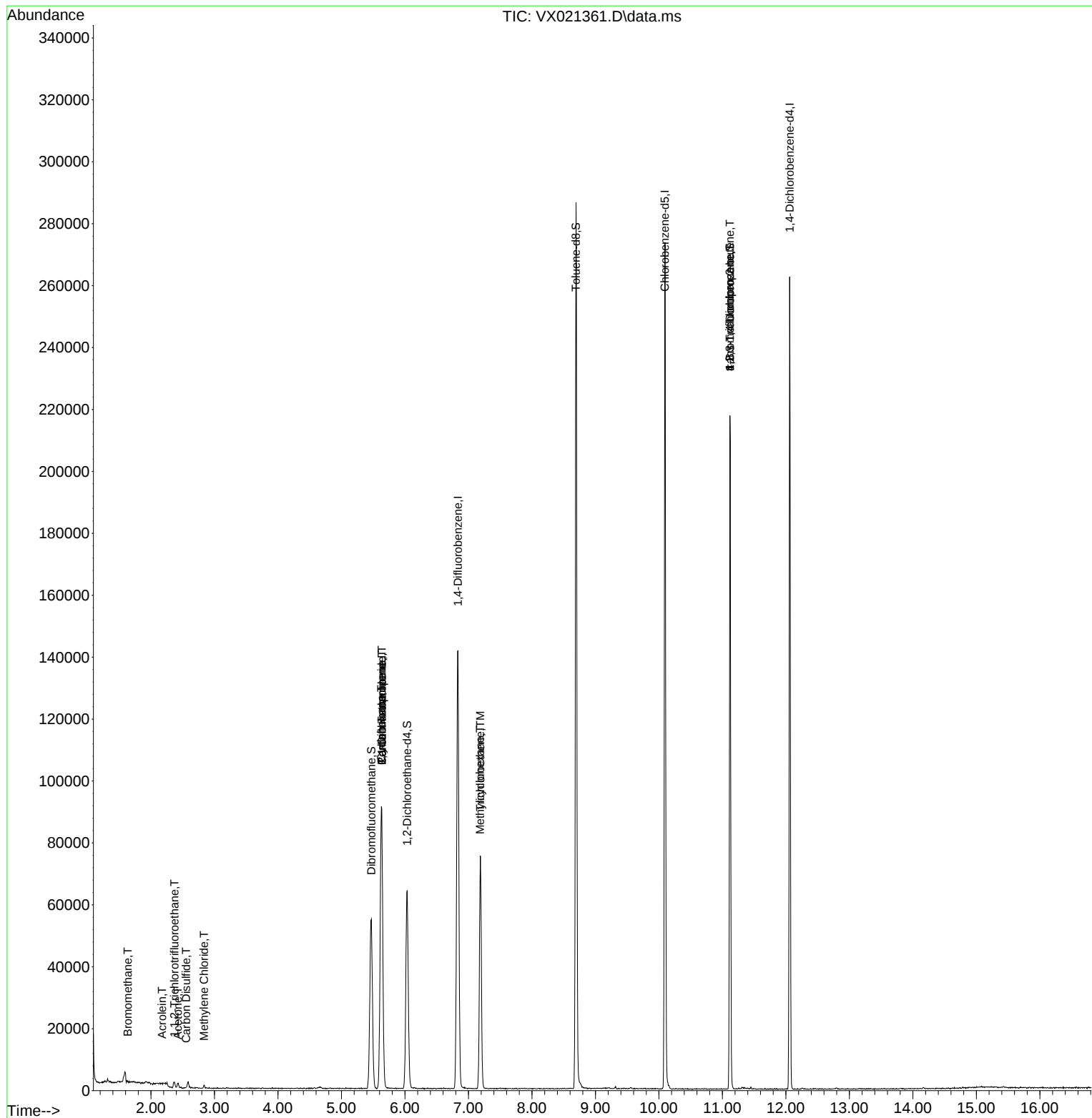
Internal Standards						
1) Pentafluorobenzene	5.635	168	79118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	134115	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	63564	48.98	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.96%		
35) Dibromofluoromethane	5.470	113	46507	50.96	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.92%		
50) Toluene-d8	8.694	98	161590	48.80	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.60%		
62) 4-Bromofluorobenzene	11.118	95	56672	44.07	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.14%		
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1737	Below Cal		98
5) Bromomethane	1.634	94	107	0.25 ug/l		99
9) 1,1,2-Trichlorotrifluo...	2.370	101	641	0.78 ug/l		87
13) Acrolein	2.176	56	24	3.31 ug/l #		1
16) Acetone	2.423	43	1620	3.39 ug/l		89
17) Carbon Disulfide	2.552	76	48	0.56 ug/l #		75
20) Methylene Chloride	2.835	84	299	0.30 ug/l #		65
31) Cyclohexane	5.629	56	2291	1.46 ug/l #		38
36) 1,1-Dichloropropene	5.635	75	7309	5.41 ug/l #		50
38) Carbon Tetrachloride	5.635	117	9058	6.45 ug/l #		16
39) Methylcyclohexane	7.182	83	317	0.21 ug/l #		1
44) Trichloroethene	7.188	130	26077	26.36 ug/l		91
76) 1,2,3-Trichloropropane	11.118	75	32184	28.35 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	32184	76.98 ug/l #		12

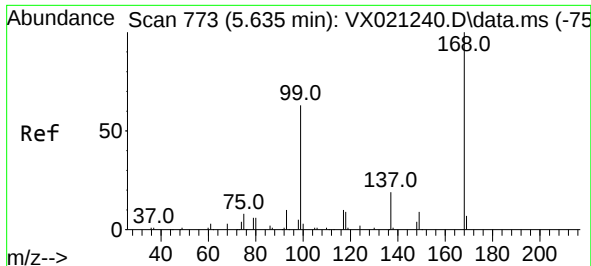
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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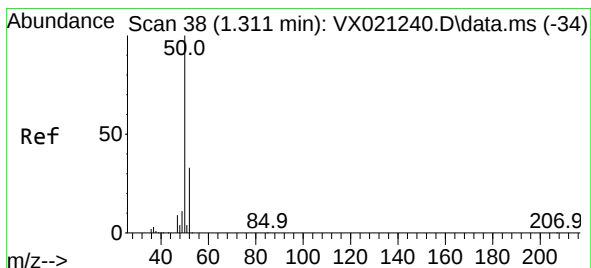
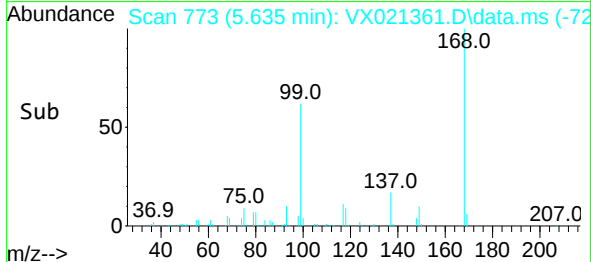
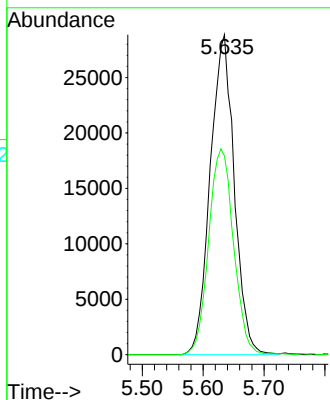
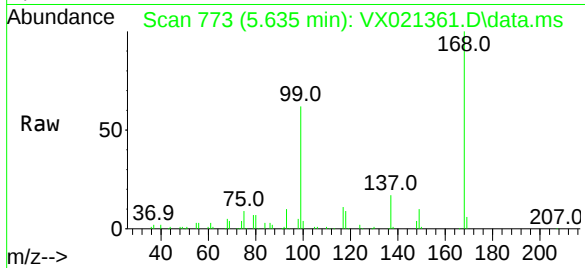




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.000 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

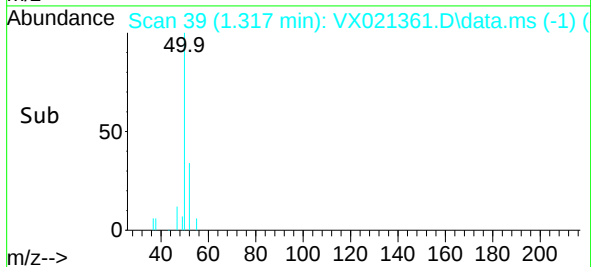
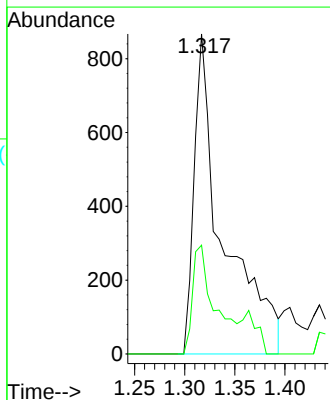
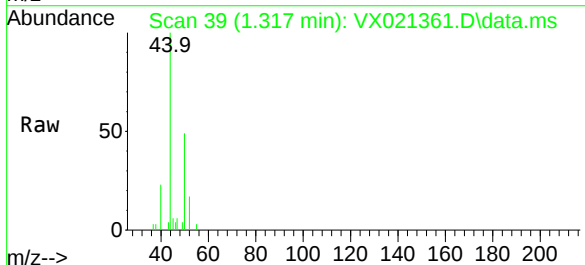
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

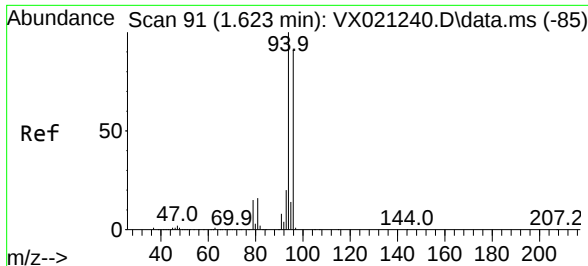
Tgt Ion:168 Resp: 79118
Ion Ratio Lower Upper
168 100
99 62.1 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

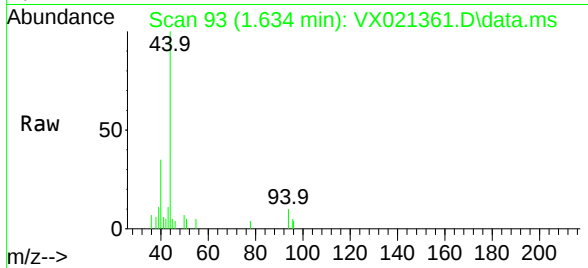
Tgt Ion: 50 Resp: 1737
Ion Ratio Lower Upper
50 100
52 34.0 26.4 39.6



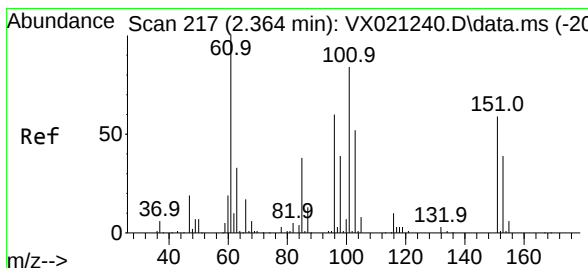
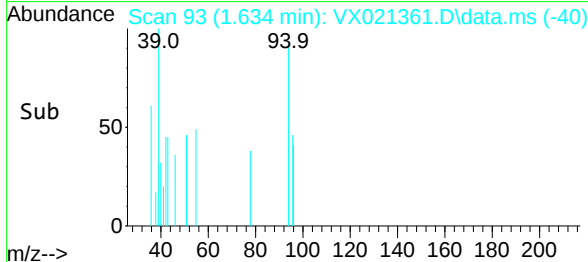
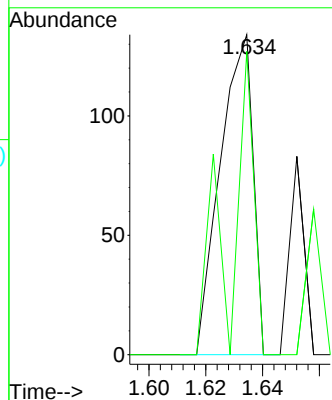


#5
Bromomethane
Concen: 0.25 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

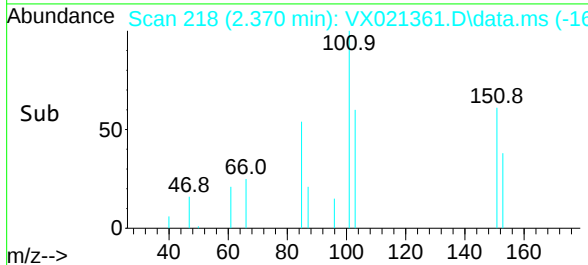
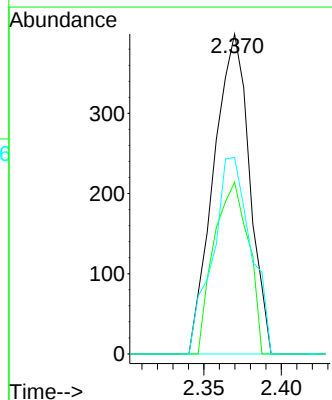
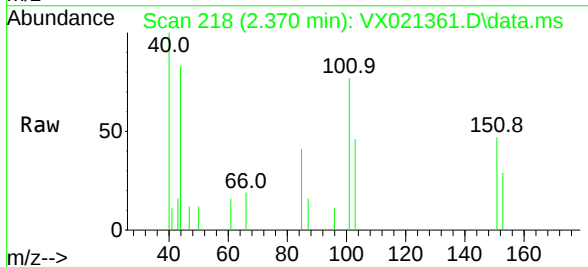


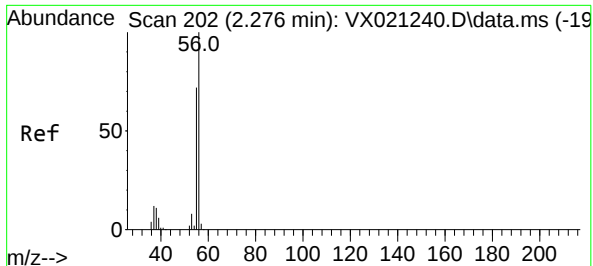
Tgt Ion: 94 Resp: 107
Ion Ratio Lower Upper
94 100
96 94.8 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.78 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

Tgt Ion: 101 Resp: 641
Ion Ratio Lower Upper
101 100
85 51.8 34.9 52.3
151 65.5 61.4 92.2





#13

Acrolein

Concen: 3.31 ug/l

RT: 2.176 min Scan# 185

Delta R.T. -0.100 min

Lab File: VX021361.D

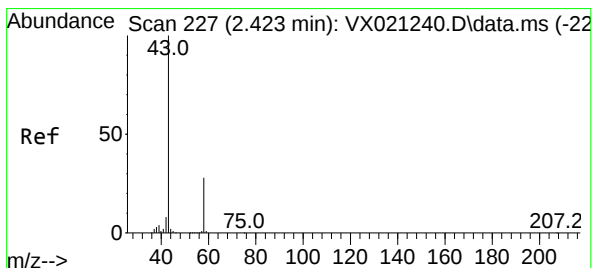
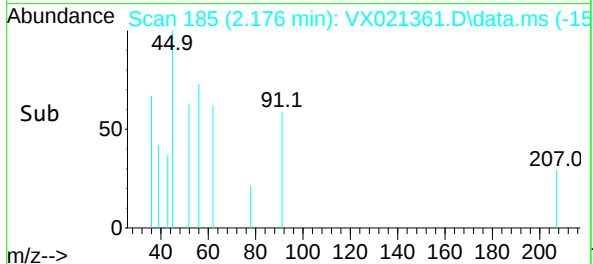
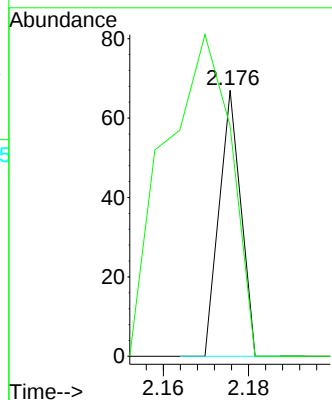
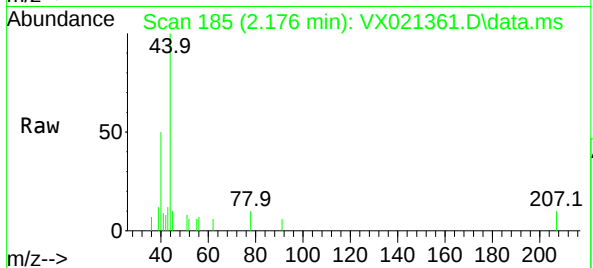
Acq: 22 Mar 2021 16:19

Tgt Ion: 56 Resp: 24

Ion Ratio Lower Upper

56 100

55 366.7 56.4 84.6#



#16

Acetone

Concen: 3.39 ug/l

RT: 2.423 min Scan# 227

Delta R.T. -0.000 min

Lab File: VX021361.D

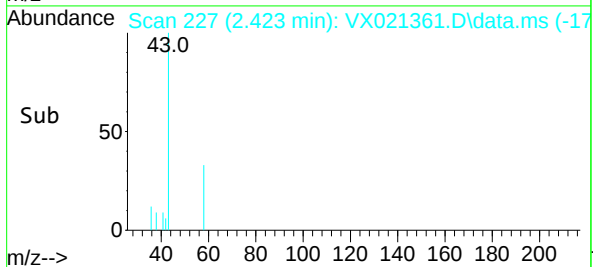
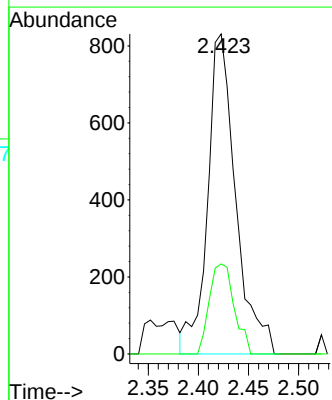
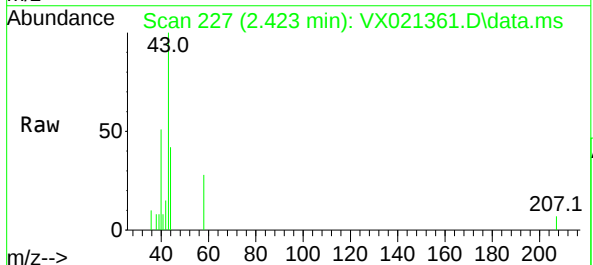
Acq: 22 Mar 2021 16:19

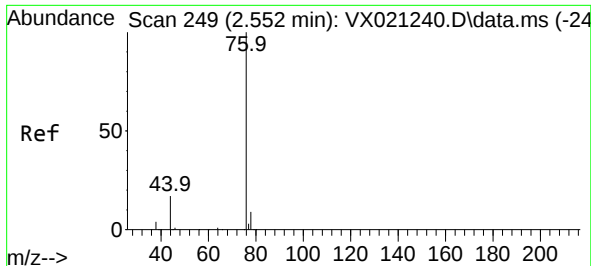
Tgt Ion: 43 Resp: 1620

Ion Ratio Lower Upper

43 100

58 28.2 27.8 41.8

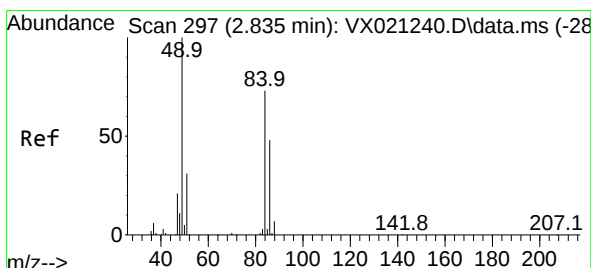
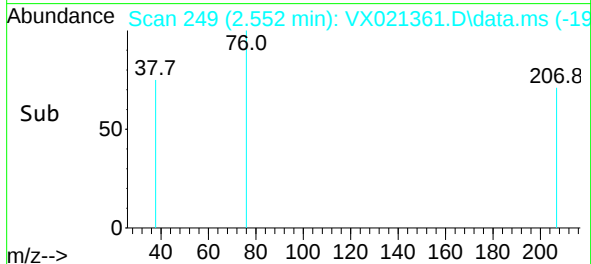
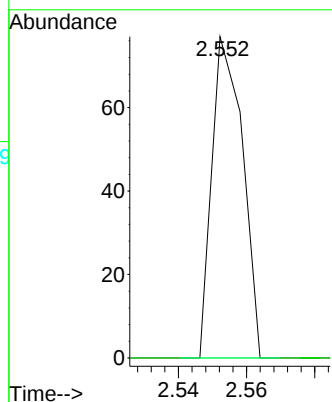
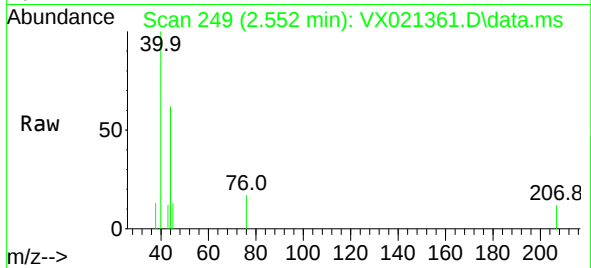




#17
Carbon Disulfide
Concen: 0.56 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

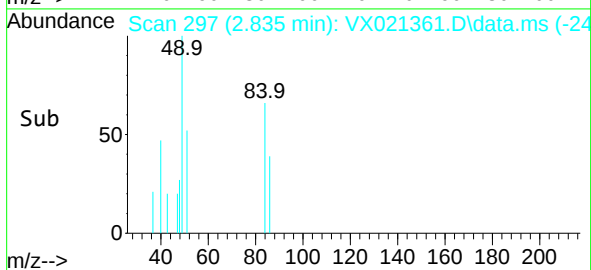
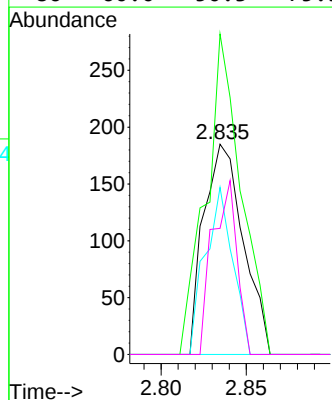
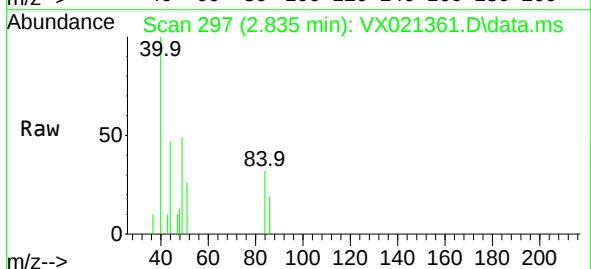
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

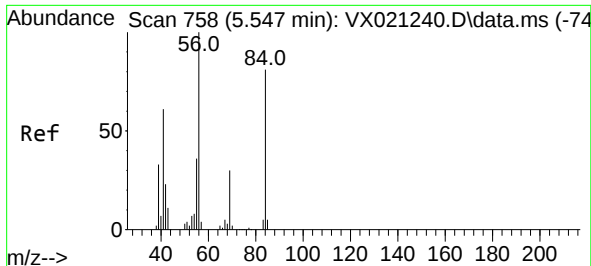
Tgt Ion: 76 Resp: 48
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 2.835 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

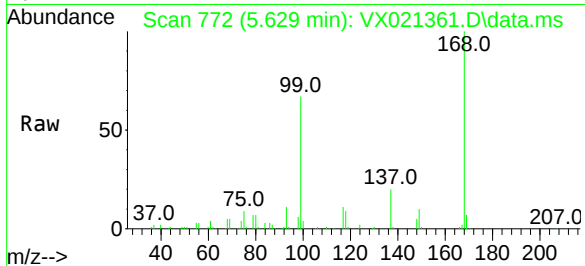
Tgt Ion: 84 Resp: 299
Ion Ratio Lower Upper
84 100
49 152.4 88.6 132.8#
51 79.5 27.0 40.6#
86 60.0 50.3 75.5



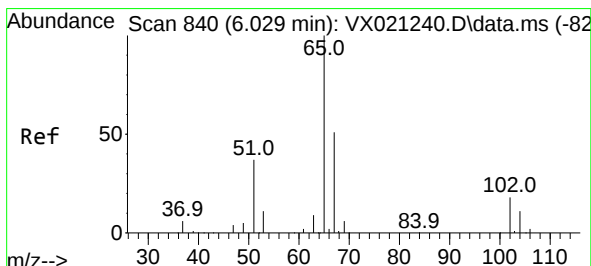
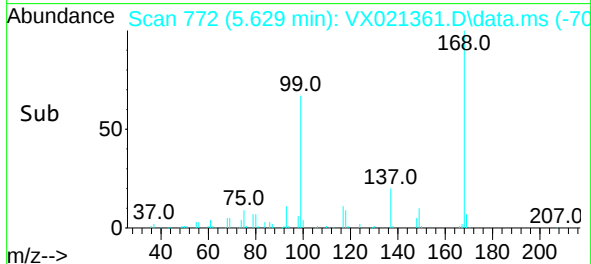
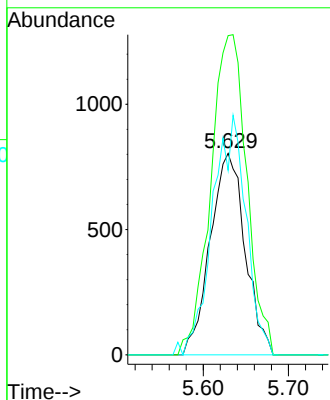


#31
Cyclohexane
Concen: 1.46 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

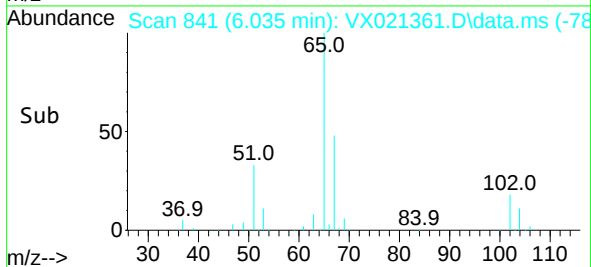
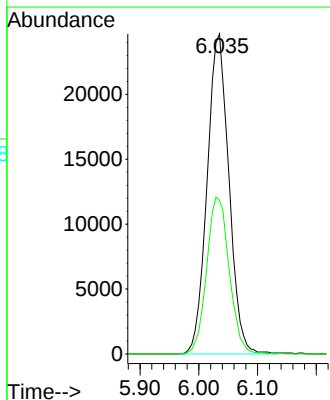
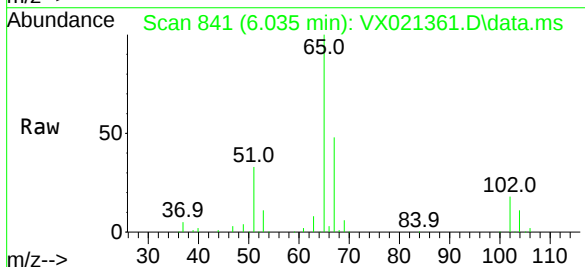


Tgt Ion: 56 Resp: 2291
Ion Ratio Lower Upper
56 100
69 158.5 25.3 37.9#
84 91.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.98 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

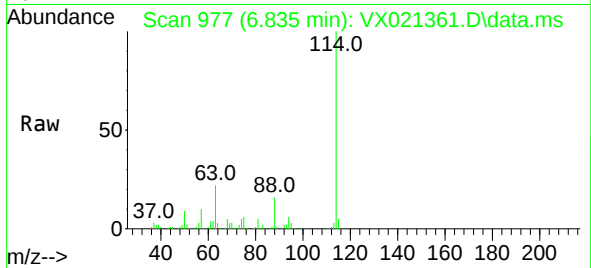
Tgt Ion: 65 Resp: 63564
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4



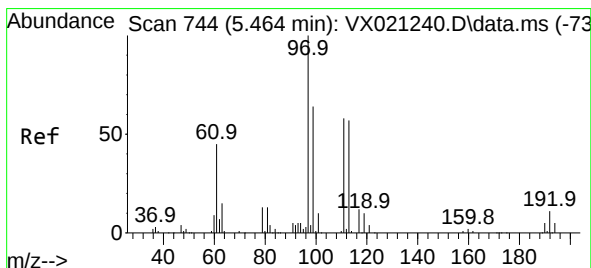
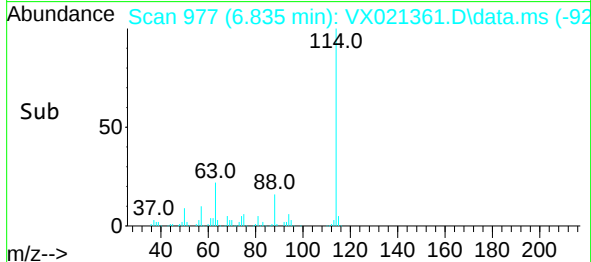
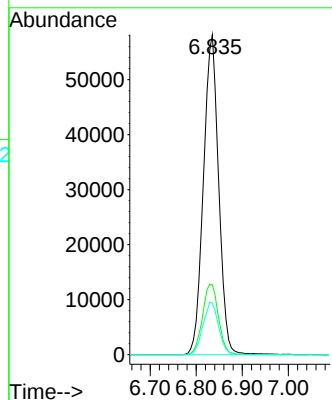


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

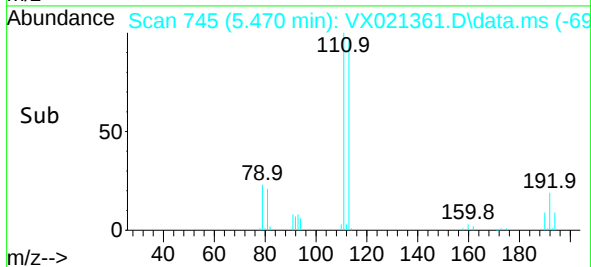
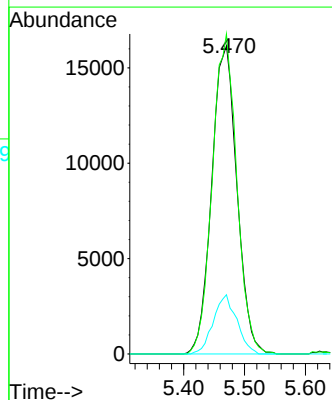
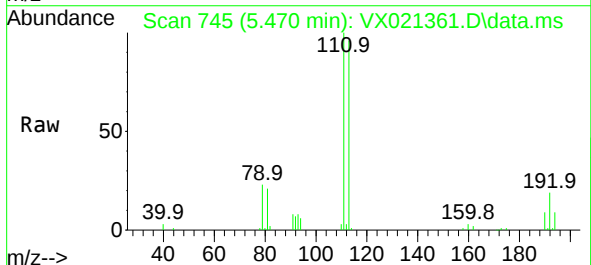


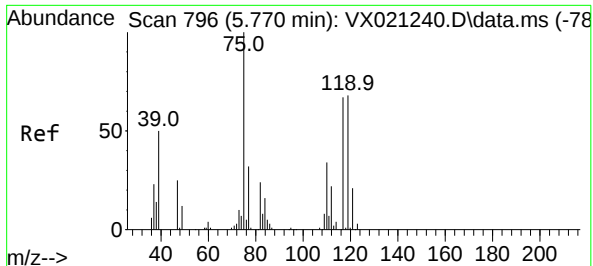
Tgt Ion:114 Resp: 134115
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.96 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

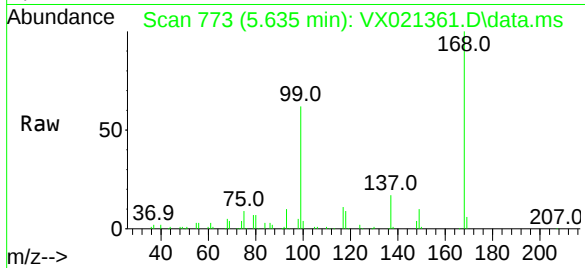
Tgt Ion:113 Resp: 46507
Ion Ratio Lower Upper
113 100
111 100.7 81.9 122.9
192 17.9 16.7 25.1



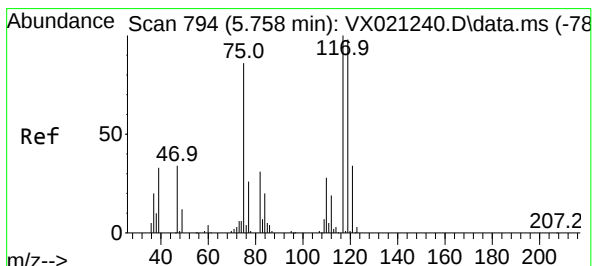
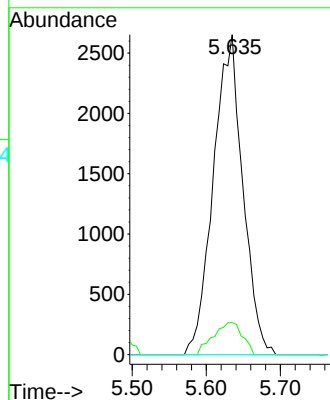
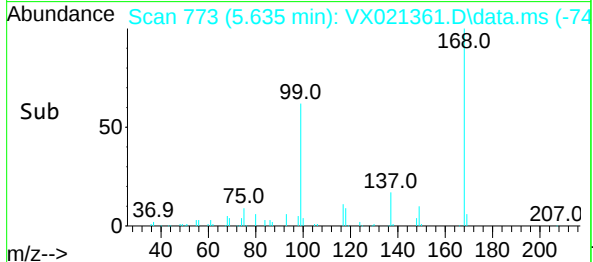


#36
1,1-Dichloropropene
Concen: 5.41 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.135 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

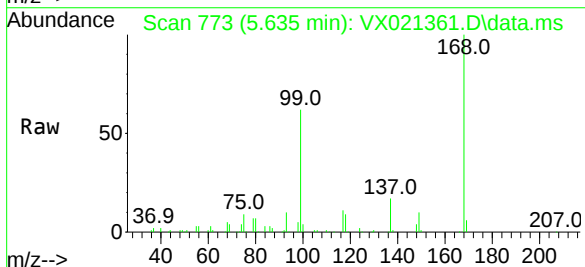
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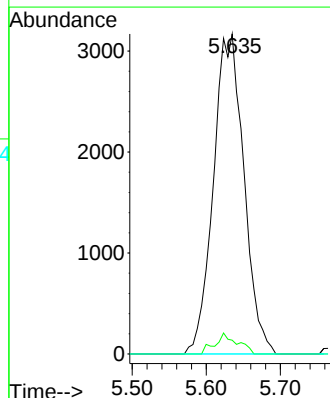
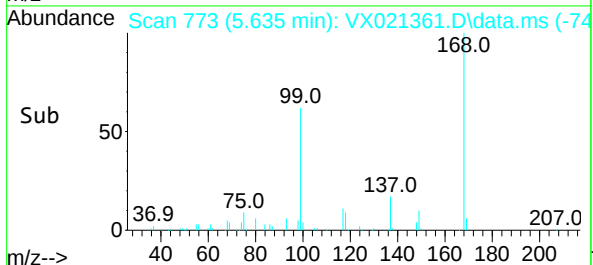
Tgt Ion: 75 Resp: 7309
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#

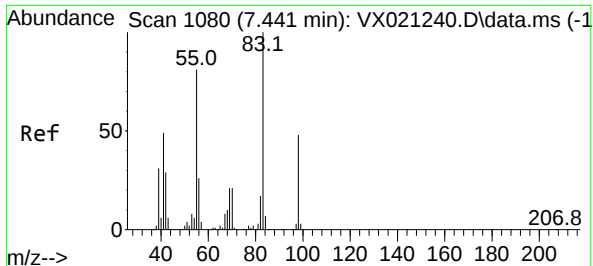


#38
Carbon Tetrachloride
Concen: 6.45 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.123 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19



Tgt Ion: 117 Resp: 9058
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.21 ug/l

RT: 7.182 min Scan# 1036

Delta R.T. -0.259 min

Lab File: VX021361.D

Acq: 22 Mar 2021 16:19

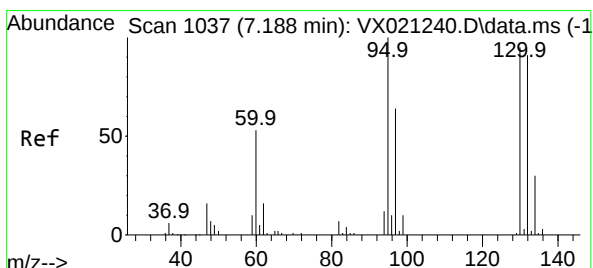
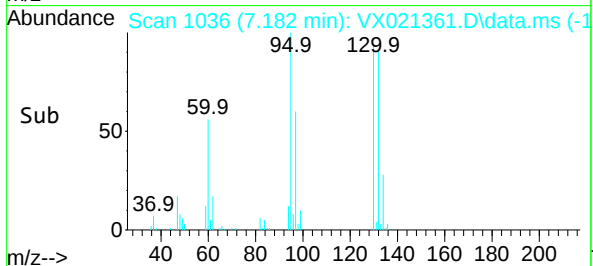
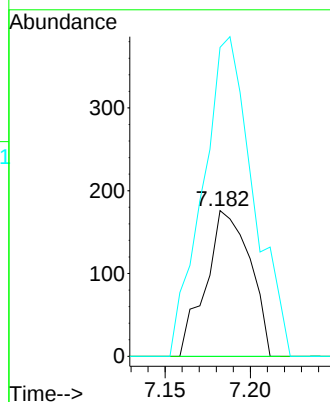
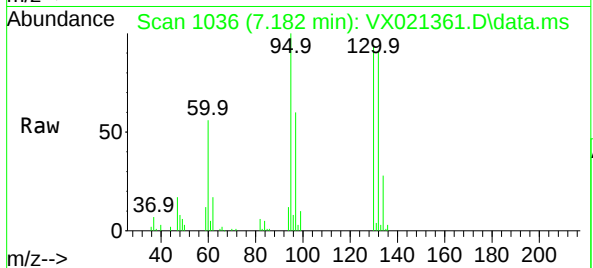
Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20210317

Tgt Ion:	83	Resp:	317
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	173.9	38.1	57.1#



#44

Trichloroethene

Concen: 26.36 ug/l

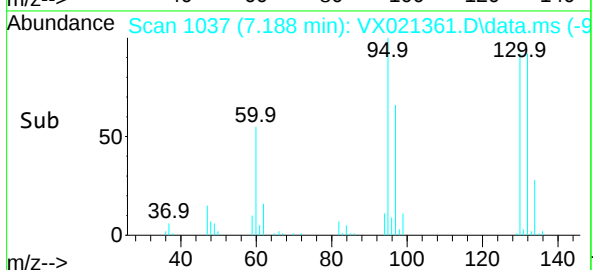
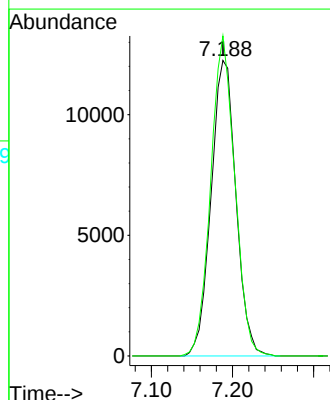
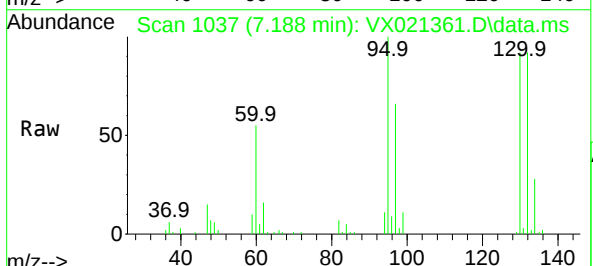
RT: 7.188 min Scan# 1037

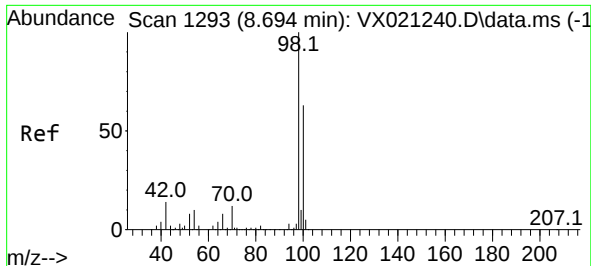
Delta R.T. 0.000 min

Lab File: VX021361.D

Acq: 22 Mar 2021 16:19

Tgt Ion:	130	Resp:	26077
Ion	Ratio	Lower	Upper
130	100		
95	108.3	0.0	198.0

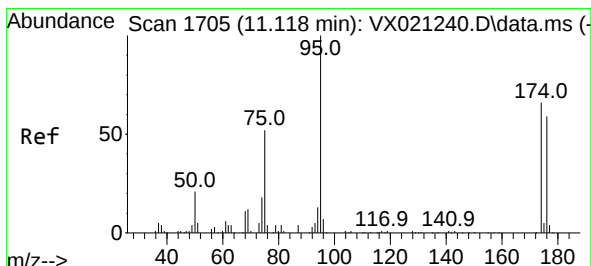
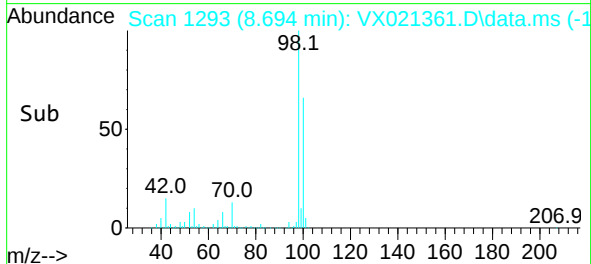
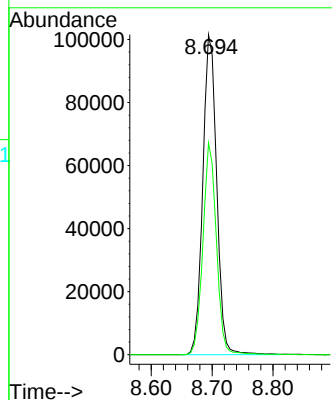
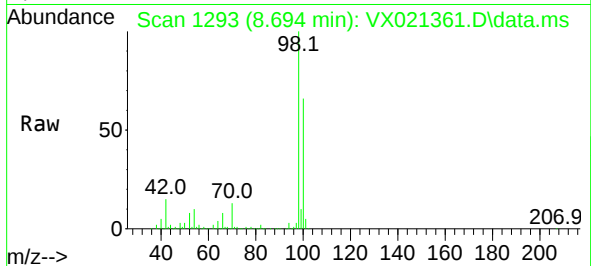




#50
Toluene-d8
Concen: 48.80 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

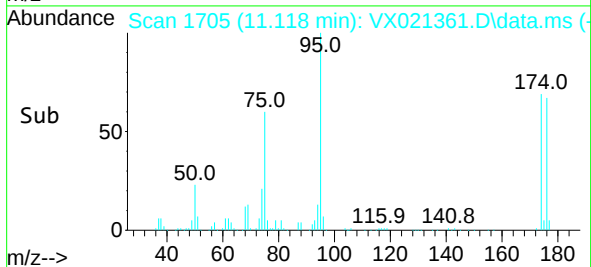
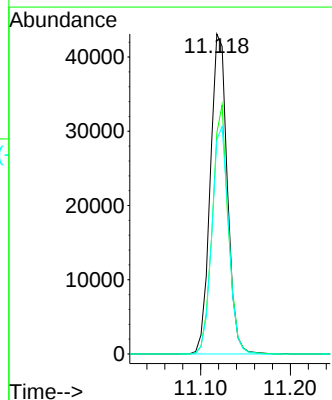
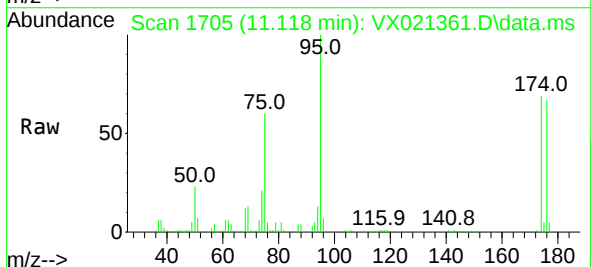
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

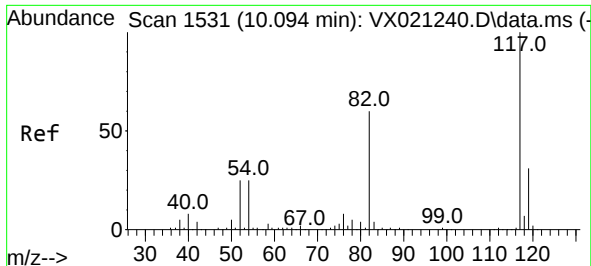
Tgt Ion: 98 Resp: 161590
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.07 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

Tgt Ion: 95 Resp: 56672
Ion Ratio Lower Upper
95 100
174 72.8 0.0 154.6
176 70.1 0.0 155.8

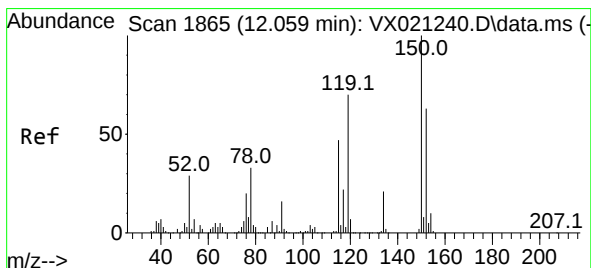
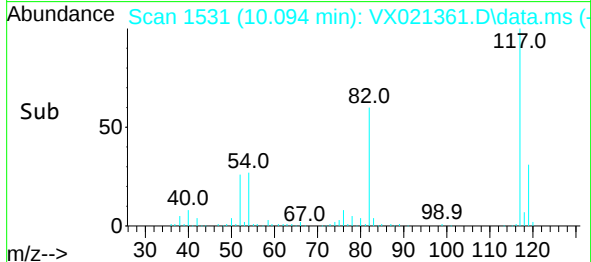
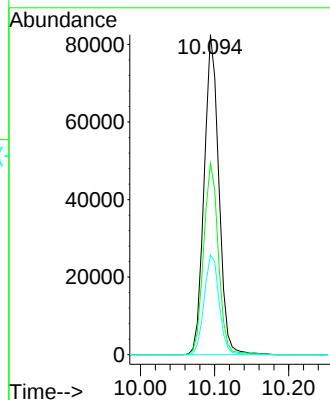
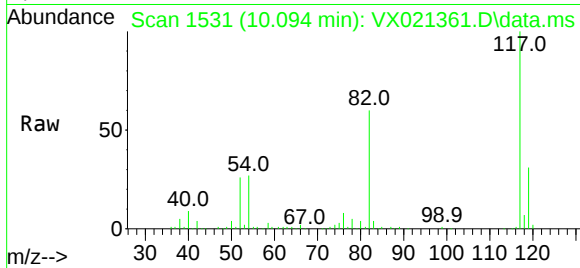




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

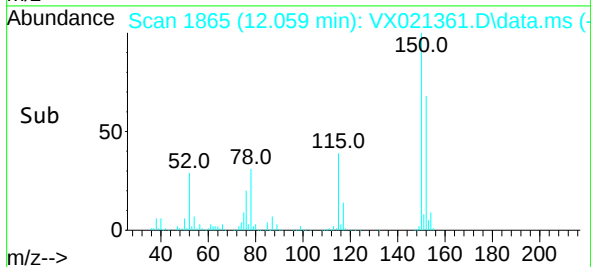
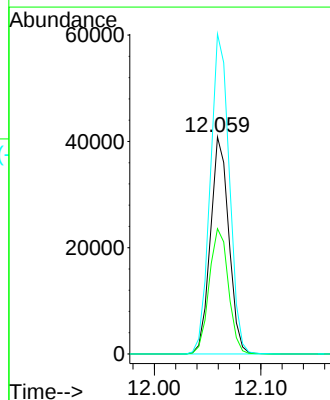
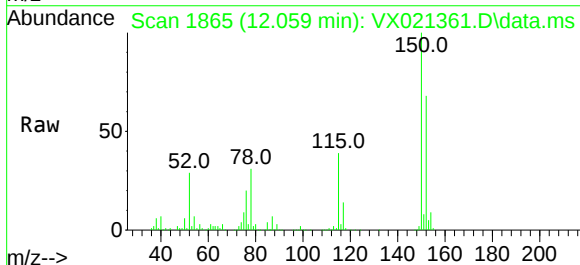
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

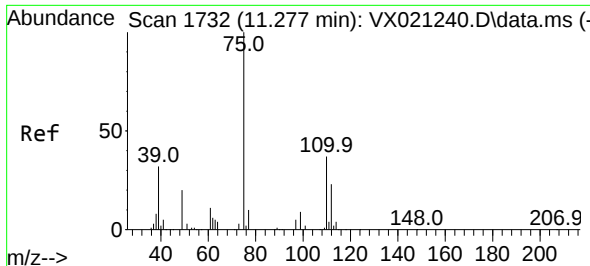
Tgt Ion:117 Resp: 113735
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

Tgt Ion:152 Resp: 48933
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 152.7 0.0 349.0

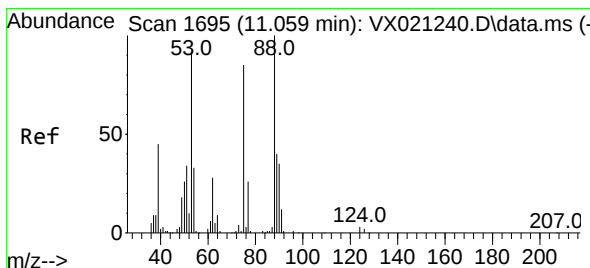
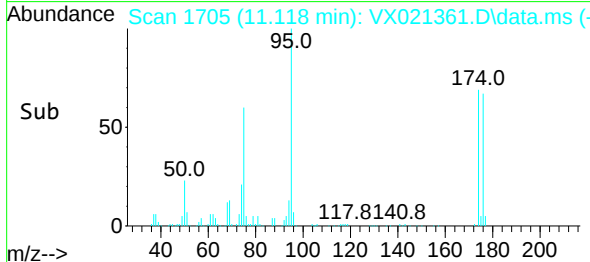
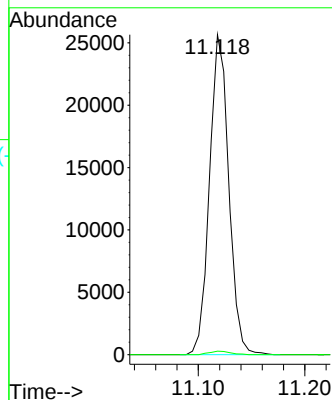
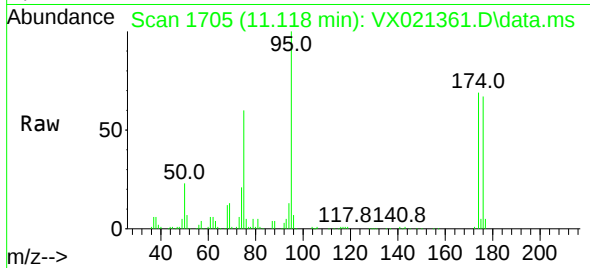




#76
1,2,3-Trichloropropane
Concen: 28.35 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20210317

Tgt Ion: 75 Resp: 32184
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.98 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021361.D
Acq: 22 Mar 2021 16:19

Tgt Ion: 75 Resp: 32184
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

