

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021459.D
 Acq On : 25 Mar 2021 01:25
 Operator : JC/MD
 Sample : M1770-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 25 06:54:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

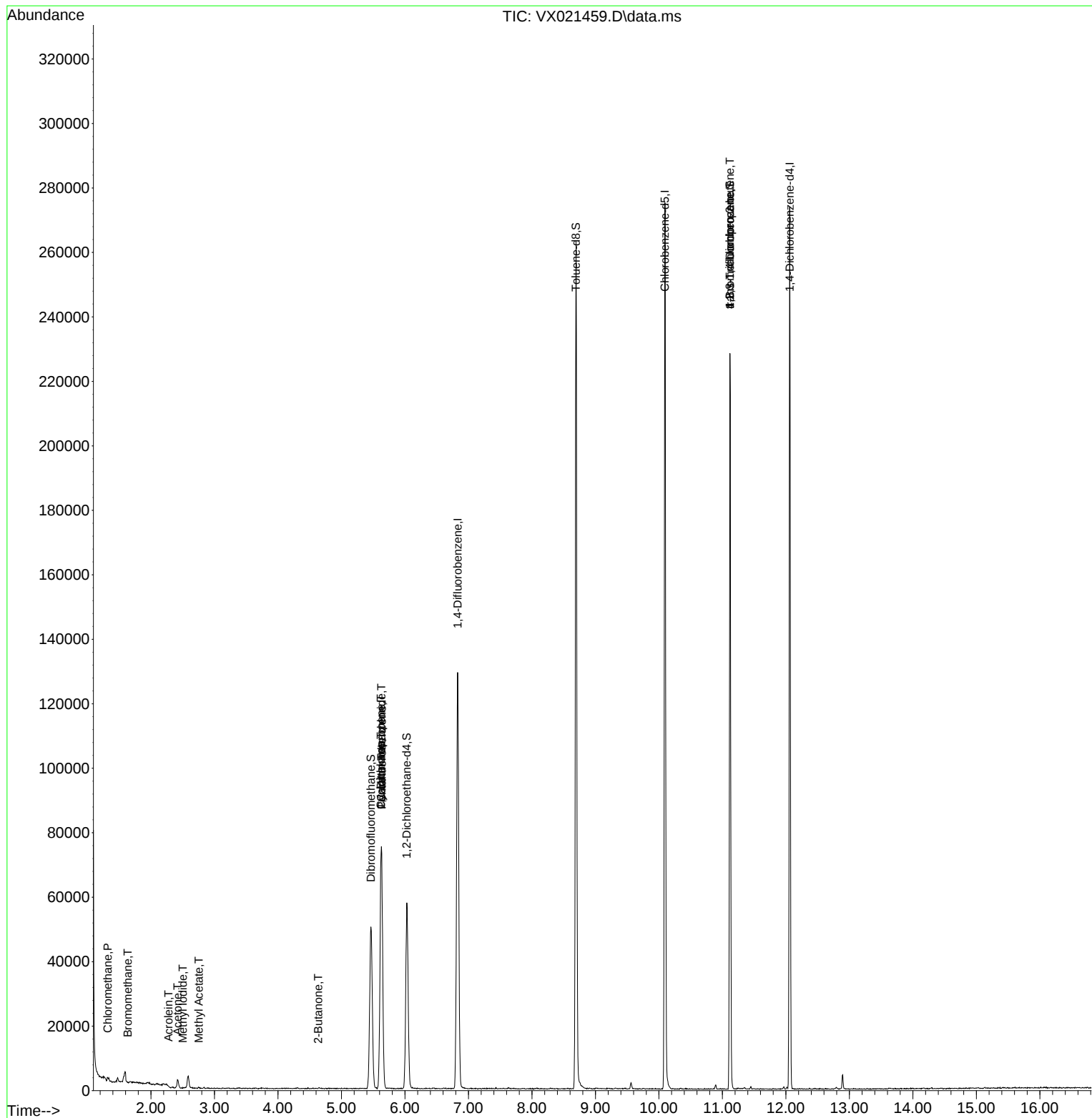
Internal Standards						
1) Pentafluorobenzene	5.635	168	65438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	119483	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	117068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49490	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	56552	51.94	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.88%			
35) Dibromofluoromethane	5.464	113	42184	49.70	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.40%			
50) Toluene-d8	8.694	98	146788	48.53	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.06%			
62) 4-Bromofluorobenzene	11.118	95	58453	49.71	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.42%			
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1710	2.11	ug/l #	67
5) Bromomethane	1.634	94	69	0.23	ug/l	90
10) Methyl Iodide	2.499	142	46	6.72	ug/l #	42
13) Acrolein	2.276	56	62	4.97	ug/l #	11
16) Acetone	2.417	43	2886	7.01	ug/l #	85
18) Methyl Acetate	2.752	43	302	0.25	ug/l #	47
25) 2-Butanone	4.635	43	173	0.28	ug/l #	45
31) Cyclohexane	5.623	56	1925	1.61	ug/l #	39
36) 1,1-Dichloropropene	5.623	75	6206	5.30	ug/l #	49
38) Carbon Tetrachloride	5.629	117	7367	5.86	ug/l #	17
76) 1,2,3-Trichloropropane	11.118	75	32909	28.56	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	32909	87.00	ug/l #	12

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

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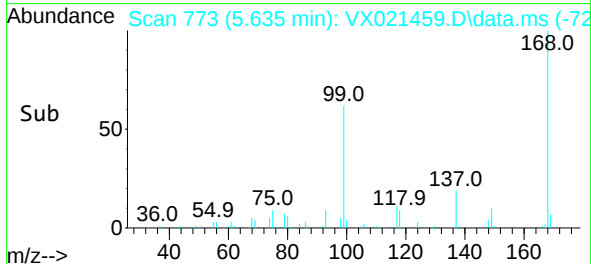
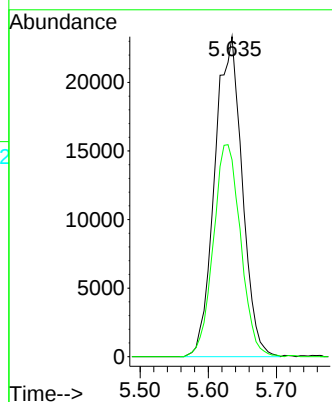
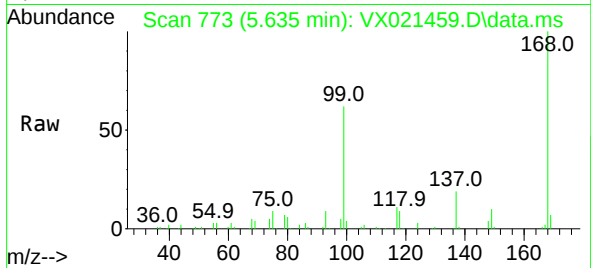




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.006 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25

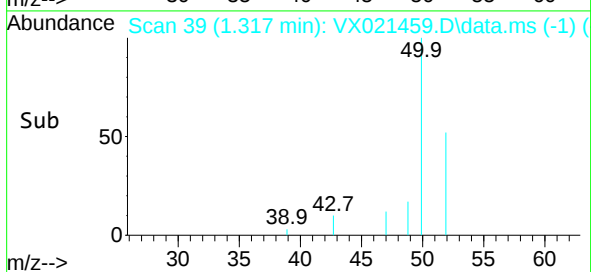
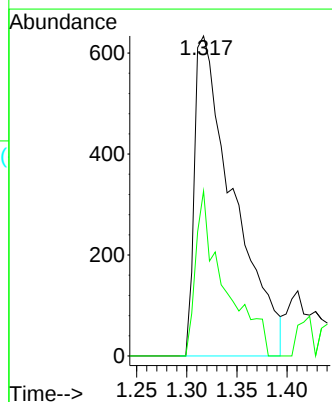
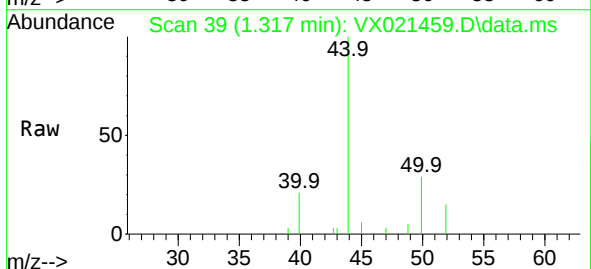
Instrument :
MSVOA_X
ClientSampleId :

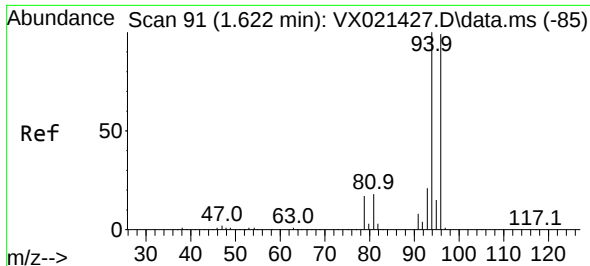
Tgt Ion:168 Resp: 65438
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.6



#3
Chloromethane
Concen: 2.11 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25

Tgt Ion: 50 Resp: 1710
Ion Ratio Lower Upper
50 100
52 51.6 26.4 39.6#

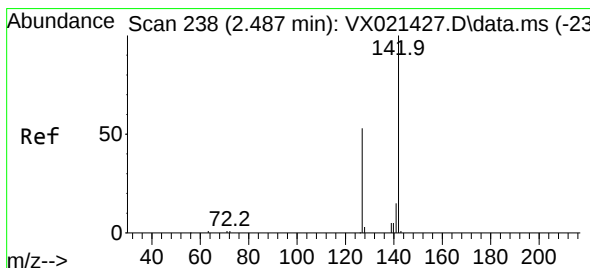
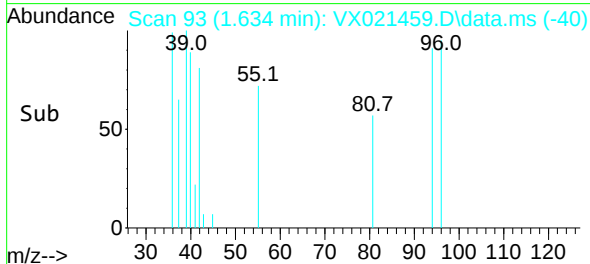
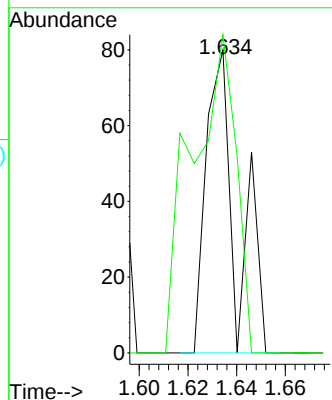
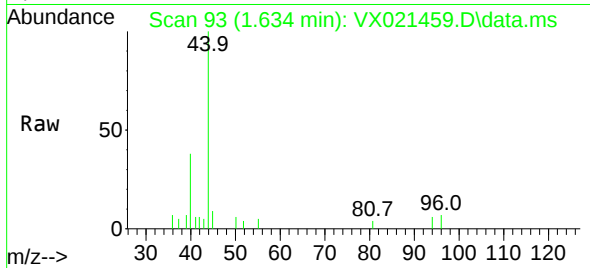




#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25

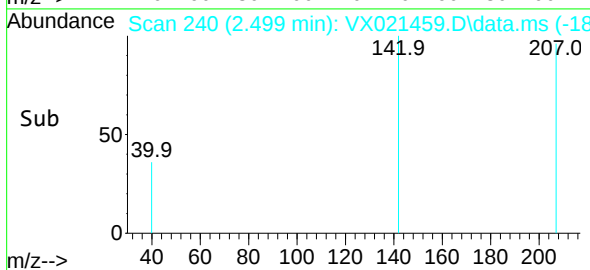
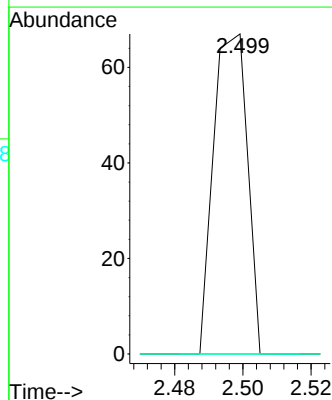
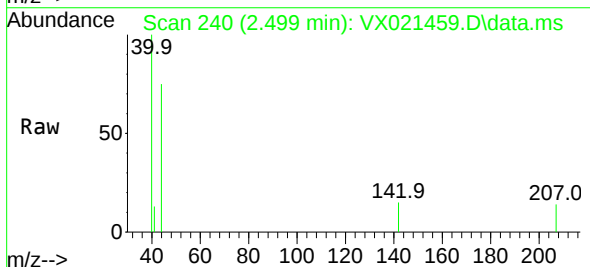
Instrument :
MSVOA_X
ClientSampled :

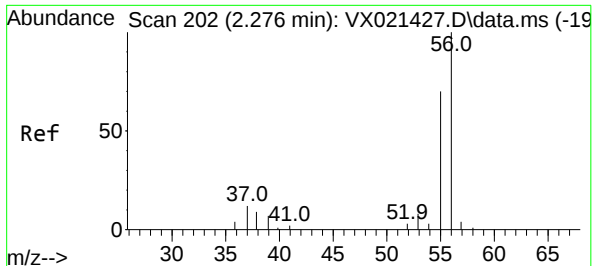
Tgt Ion: 94 Resp: 69
Ion Ratio Lower Upper
94 100
96 105.0 76.4 114.6



#10
Methyl Iodide
Concen: 6.72 ug/l
RT: 2.499 min Scan# 240
Delta R.T. 0.012 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25

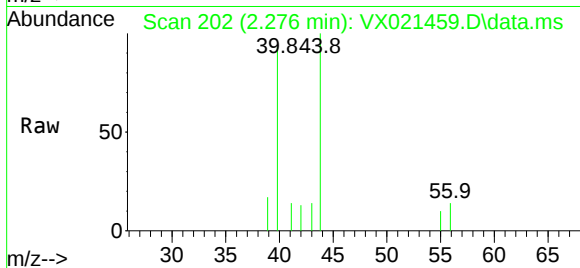
Tgt Ion: 142 Resp: 46
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



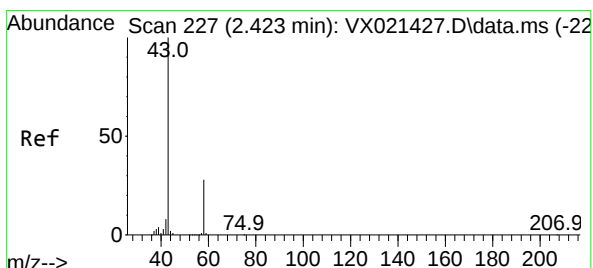
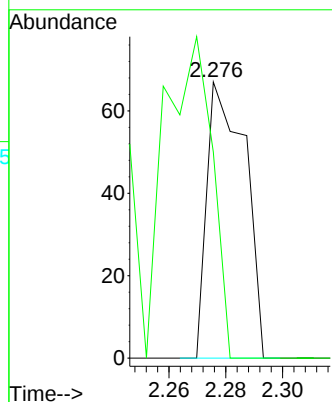
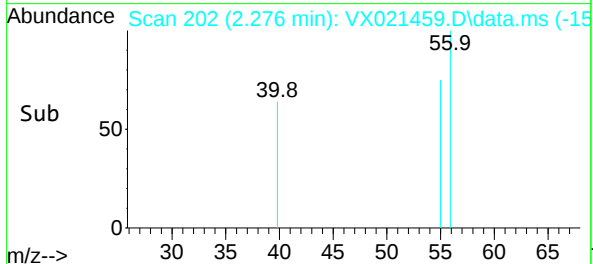


#13
Acrolein
Concen: 4.97 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25

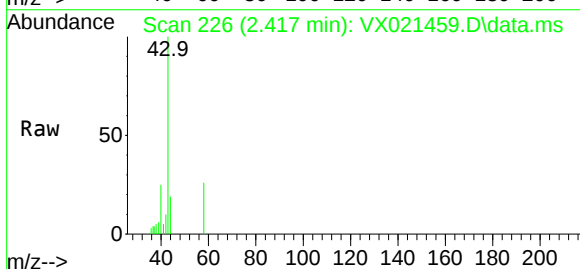
Instrument :
MSVOA_X
ClientSampled :



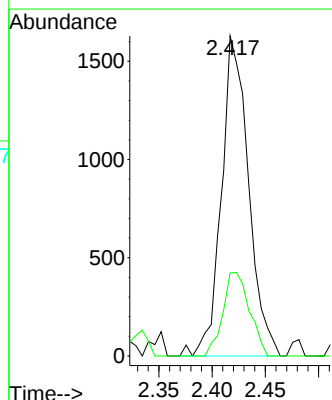
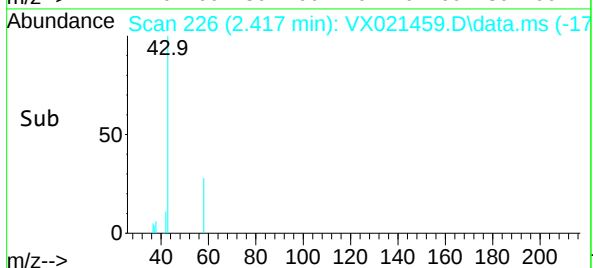
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 143.5 56.4 84.6#

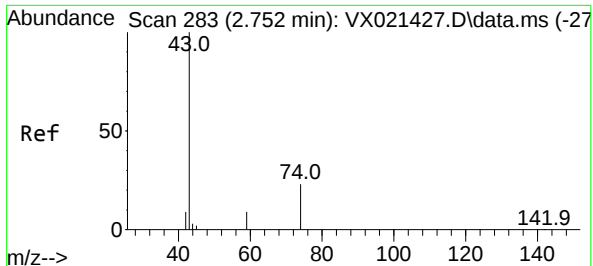


#16
Acetone
Concen: 7.01 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25



Tgt Ion: 43 Resp: 2886
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#





#18

Methyl Acetate

Concen: 0.25 ug/l

RT: 2.752 min Scan# 283

Delta R.T. 0.000 min

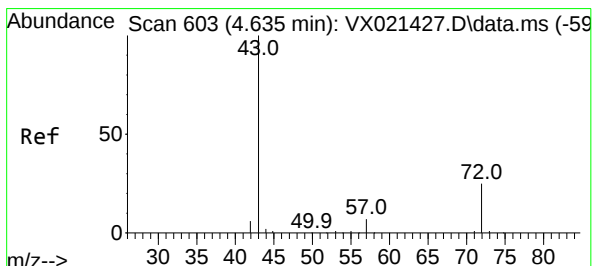
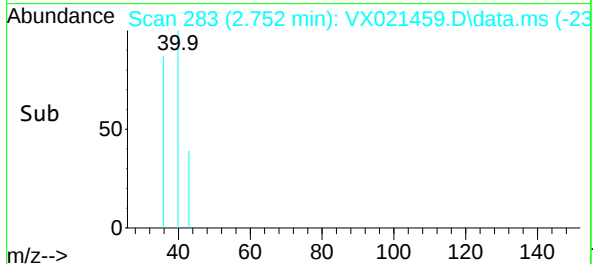
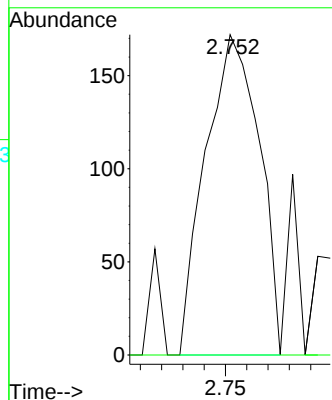
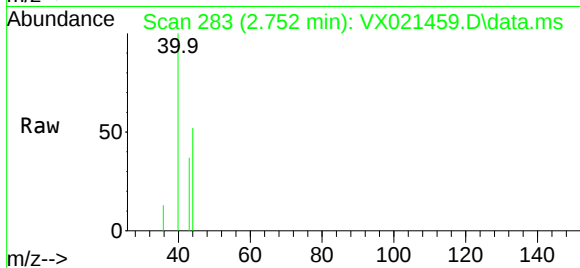
Lab File: VX021459.D

Acq: 25 Mar 2021 01:25

Tgt Ion: 43 Resp: 302

Ion Ratio Lower Upper

43 100
74 0.0 21.9 32.9#



#25

2-Butanone

Concen: 0.28 ug/l

RT: 4.635 min Scan# 603

Delta R.T. -0.000 min

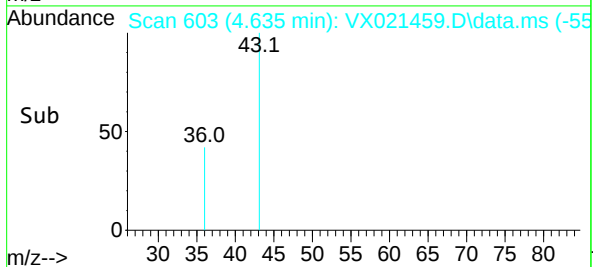
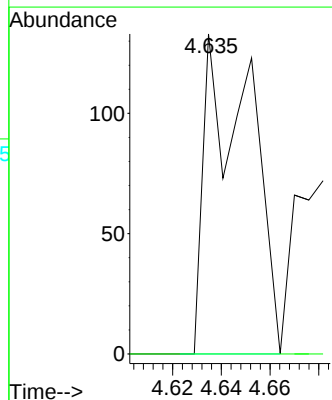
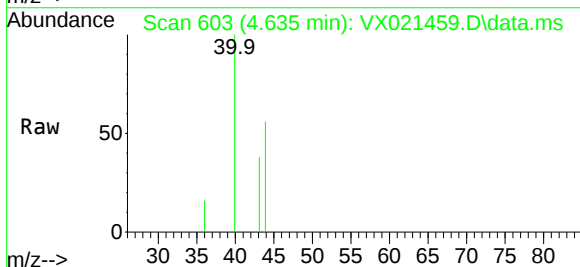
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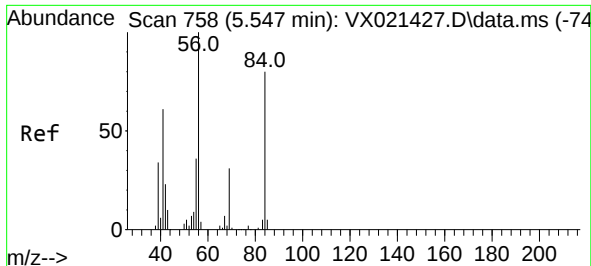
Acq: 25 Mar 2021 01:25

Tgt Ion: 43 Resp: 173

Ion Ratio Lower Upper

43 100
72 0.0 23.7 35.5#





#31

Cyclohexane

Concen: 1.61 ug/l

RT: 5.623 min Scan# 771

Delta R.T. 0.076 min

Lab File: VX021459.D

Acq: 25 Mar 2021 01:25

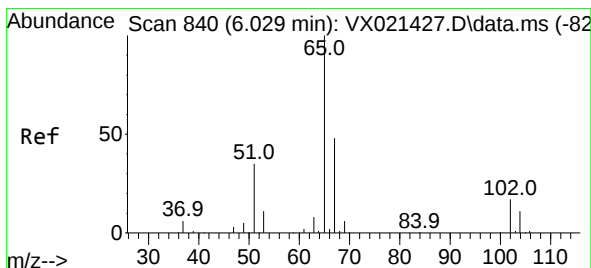
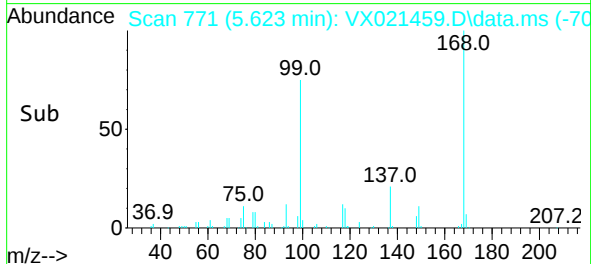
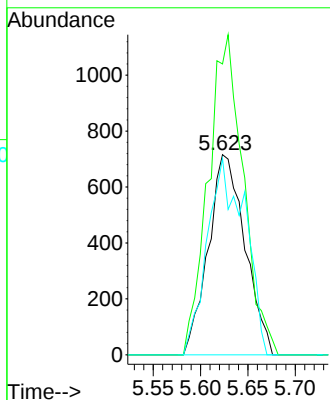
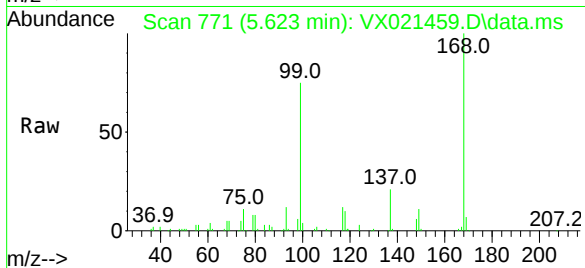
Tgt Ion: 56 Resp: 1925

Ion Ratio Lower Upper

56 100

69 145.3 25.3 37.9#

84 98.0 71.4 107.0



#33

1,2-Dichloroethane-d4

Concen: 51.94 ug/l

RT: 6.029 min Scan# 840

Delta R.T. 0.000 min

Lab File: VX021459.D

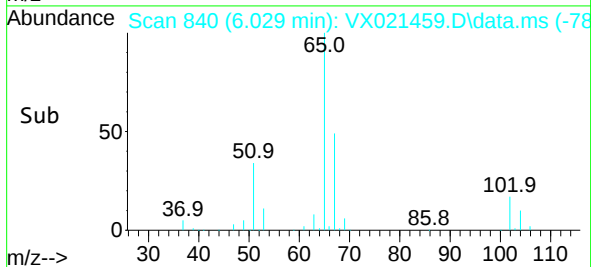
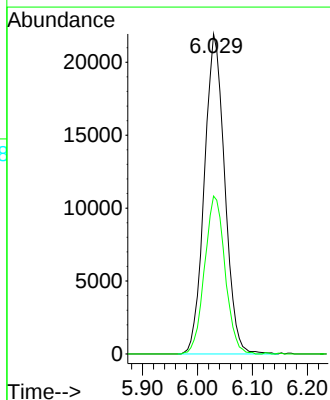
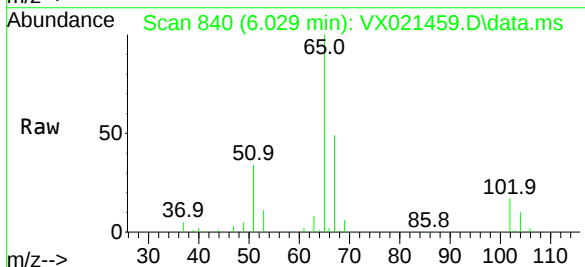
Acq: 25 Mar 2021 01:25

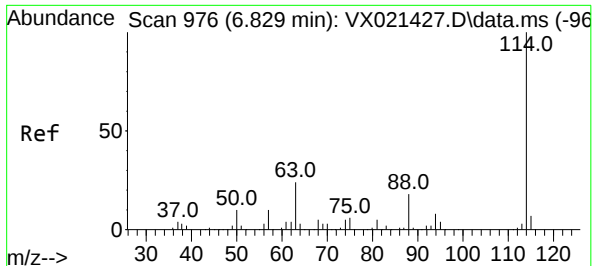
Tgt Ion: 65 Resp: 56552

Ion Ratio Lower Upper

65 100

67 49.6 0.0 105.4

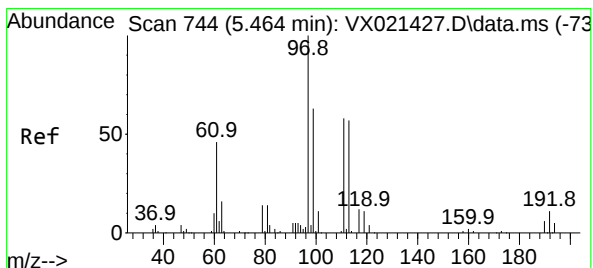
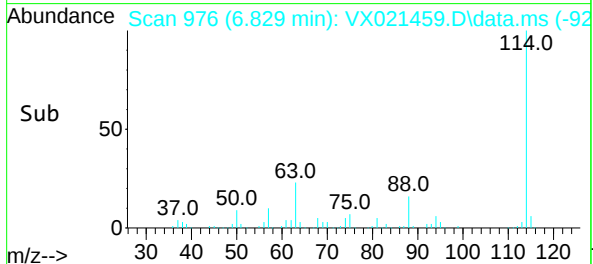
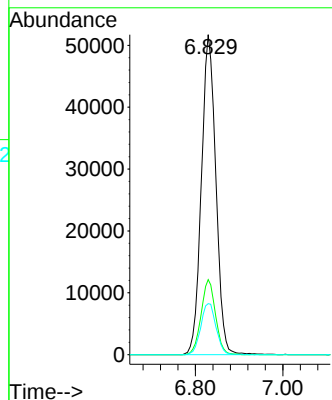
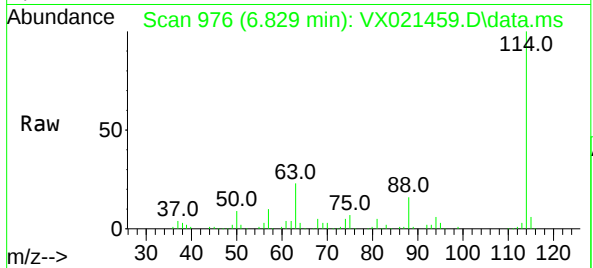




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25

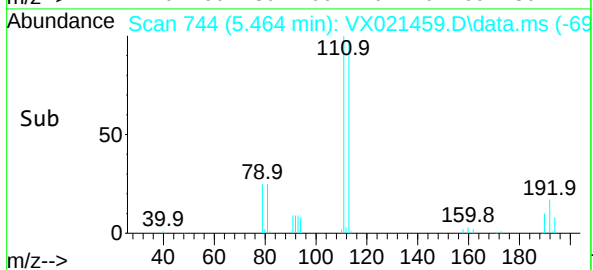
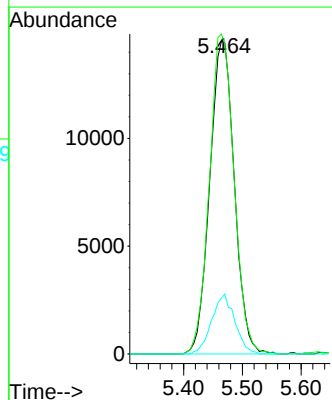
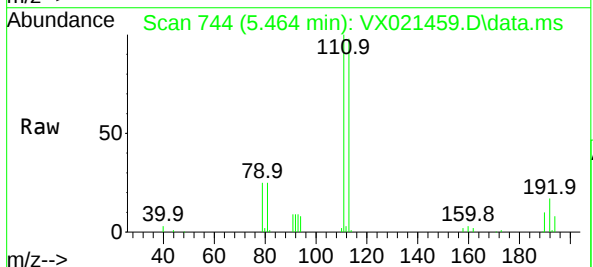
Instrument :
MSVOA_X
ClientSampleId :

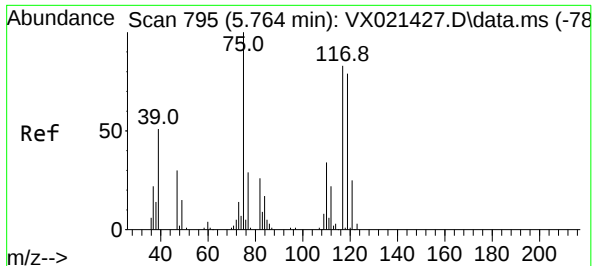
Tgt Ion:114 Resp: 119483
Ion Ratio Lower Upper
114 100
63 23.4 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.70 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25

Tgt Ion:113 Resp: 42184
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 18.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.30 ug/l

RT: 5.623 min Scan# 771

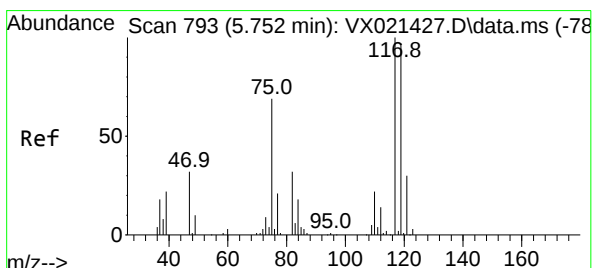
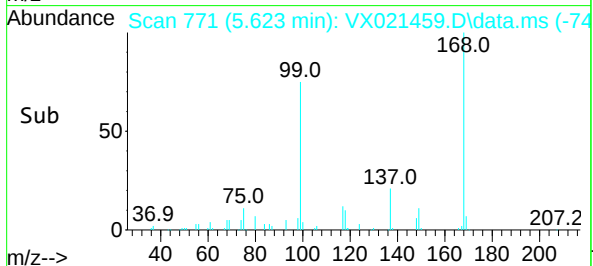
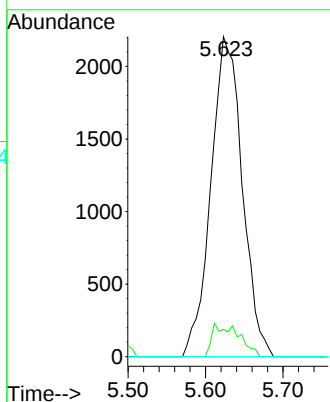
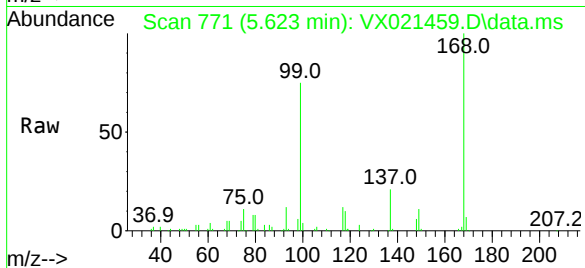
Delta R.T. -0.141 min

Lab File: VX021459.D

Acq: 25 Mar 2021 01:25

Tgt Ion:	75	Resp:	6206
Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.86 ug/l

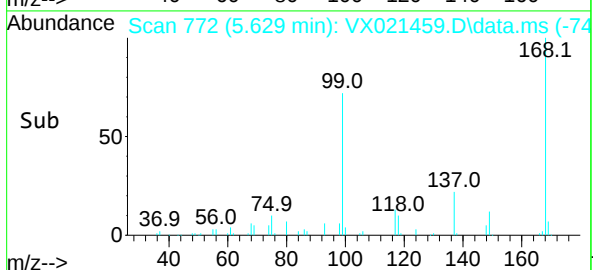
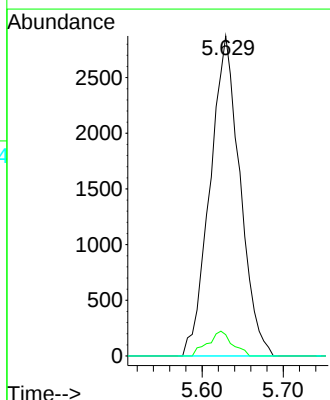
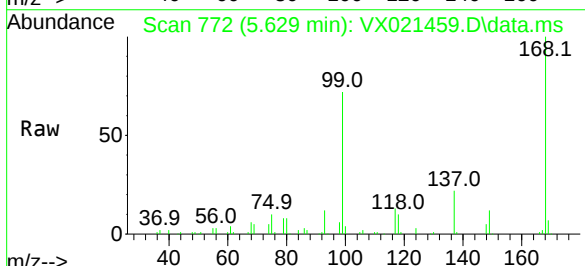
RT: 5.629 min Scan# 772

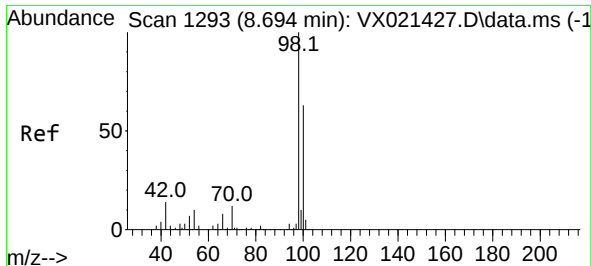
Delta R.T. -0.123 min

Lab File: VX021459.D

Acq: 25 Mar 2021 01:25

Tgt Ion:	117	Resp:	7367
Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.2	114.2#
121	0.0	24.8	37.2#

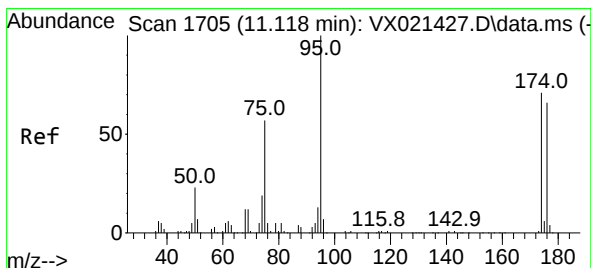
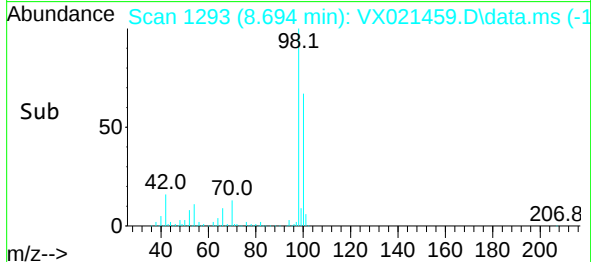
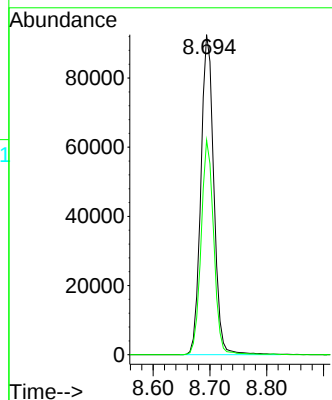
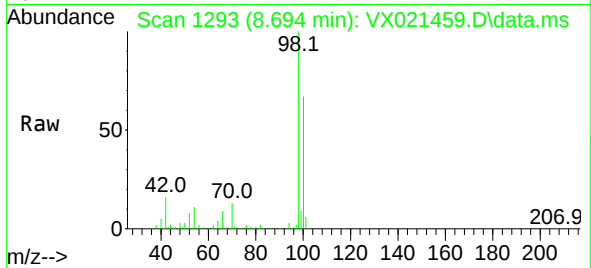




#50
Toluene-d8
Concen: 48.53 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25

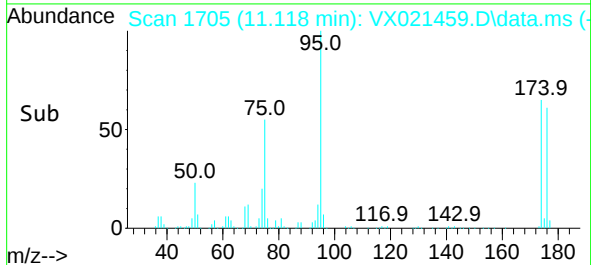
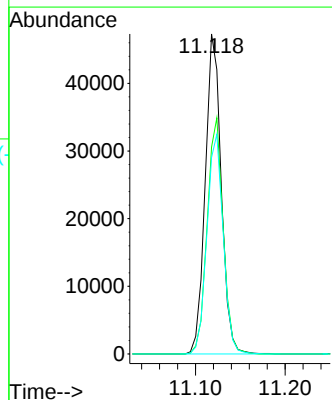
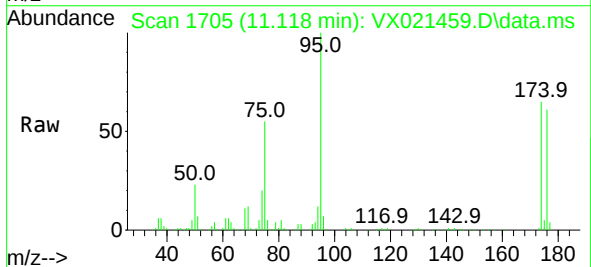
Instrument :
MSVOA_X
ClientSampled :

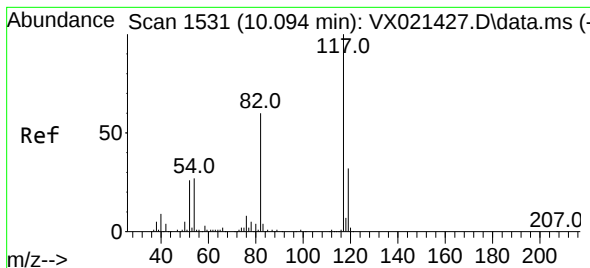
Tgt Ion: 98 Resp: 146788
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.71 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25

Tgt Ion: 95 Resp: 58453
Ion Ratio Lower Upper
95 100
174 73.6 0.0 154.6
176 69.8 0.0 155.8

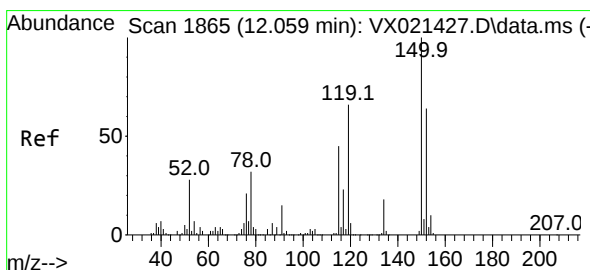
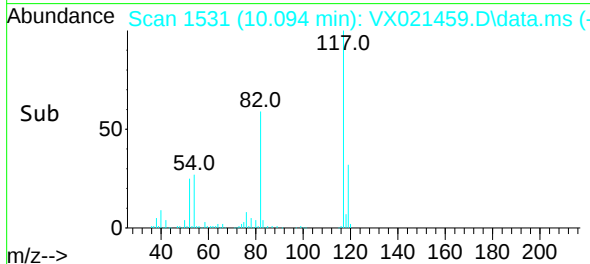
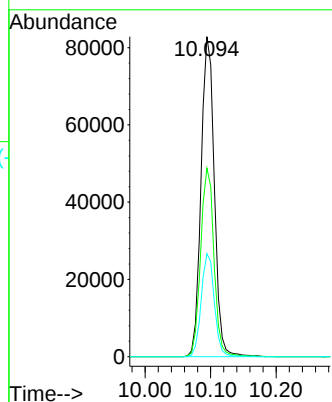
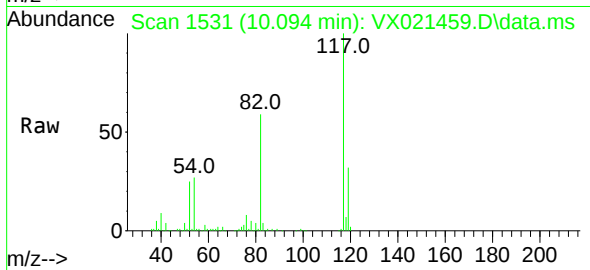




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25

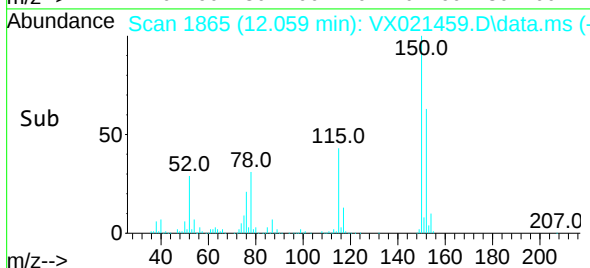
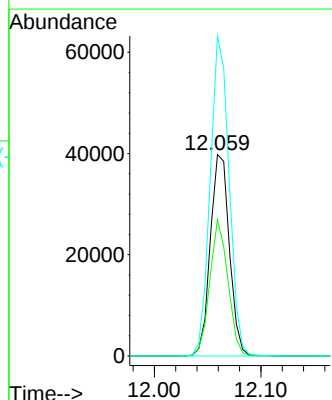
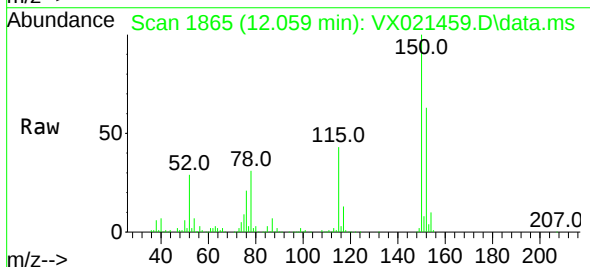
Instrument :
MSVOA_X
ClientSampleId :

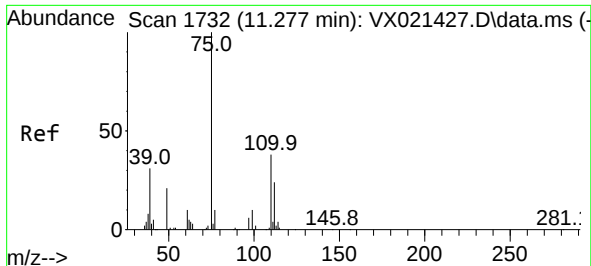
Tgt Ion:117 Resp: 117068
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25

Tgt Ion:152 Resp: 49490
Ion Ratio Lower Upper
152 100
115 64.0 41.1 123.3
150 157.0 0.0 349.0

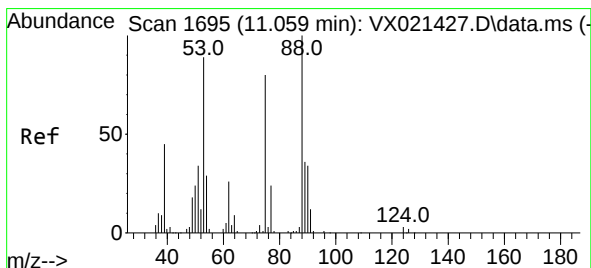
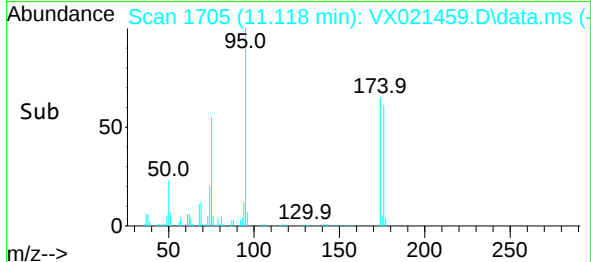
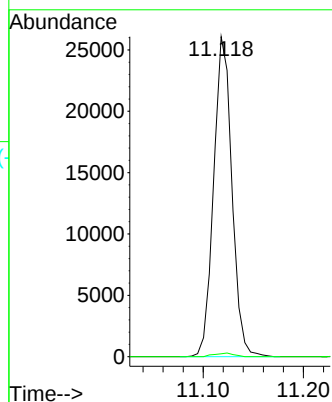
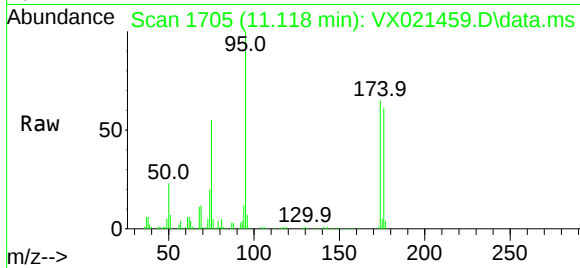




#76
1,2,3-Trichloropropane
Concen: 28.56 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 32909
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.00 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021459.D
Acq: 25 Mar 2021 01:25

Tgt Ion: 75 Resp: 32909
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

