

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021458.D
 Acq On : 25 Mar 2021 01:01
 Operator : JC/MD
 Sample : M1770-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 25 06:53:46 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)

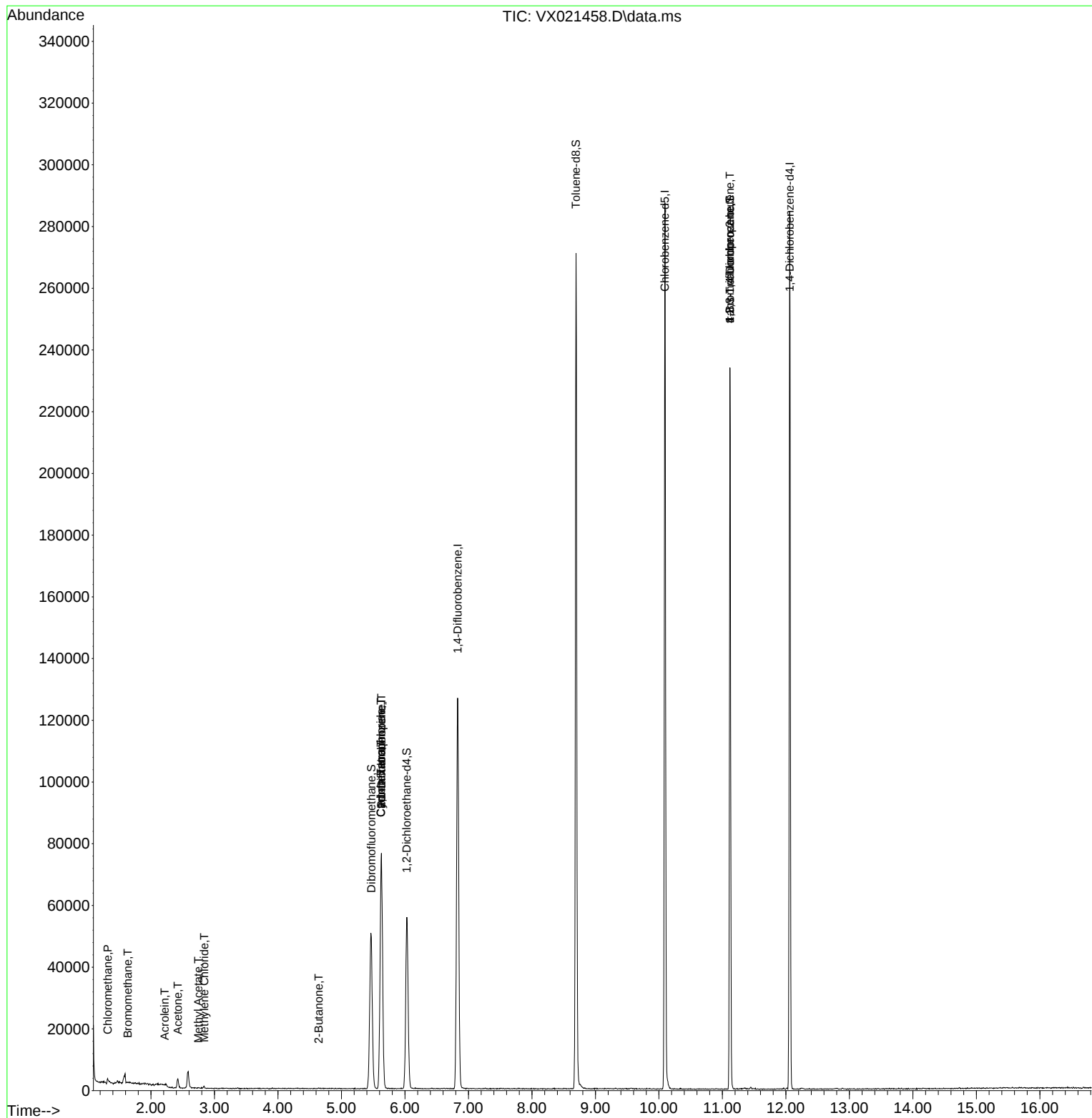
Internal Standards						
1) Pentafluorobenzene	5.629	168	64531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	116603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	119137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	52387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	55167	51.38	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.76%	
35) Dibromofluoromethane	5.470	113	41373	49.95	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.90%	
50) Toluene-d8	8.694	98	150725	51.07	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.14%	
62) 4-Bromofluorobenzene	11.118	95	60036	52.32	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.64%	
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	2126	2.65	ug/l	95
5) Bromomethane	1.634	94	136	0.47	ug/l	82
13) Acrolein	2.217	56	19	4.51	ug/l #	1
16) Acetone	2.423	43	3254	8.02	ug/l	95
18) Methyl Acetate	2.746	43	309	0.26	ug/l #	47
20) Methylene Chloride	2.840	84	204	0.26	ug/l #	75
25) 2-Butanone	4.641	43	200	0.32	ug/l #	45
31) Cyclohexane	5.623	56	1934	1.64	ug/l #	28
36) 1,1-Dichloropropene	5.629	75	6046	5.29	ug/l #	49
38) Carbon Tetrachloride	5.623	117	7074	5.76	ug/l #	16
76) 1,2,3-Trichloropropane	11.118	75	34129	27.98	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	34129	85.24	ug/l #	12

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
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Response via : Initial Calibration

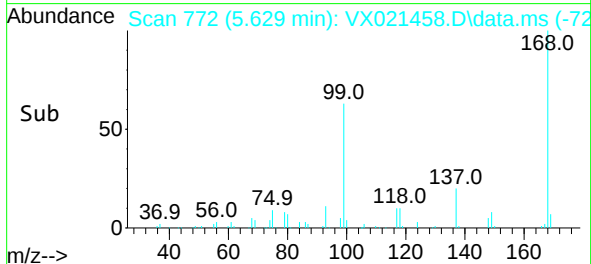
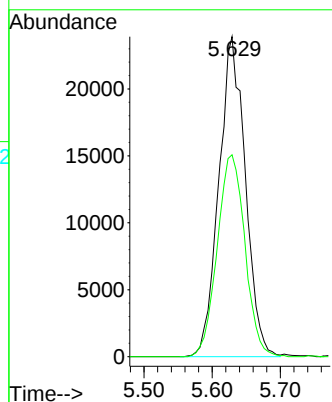
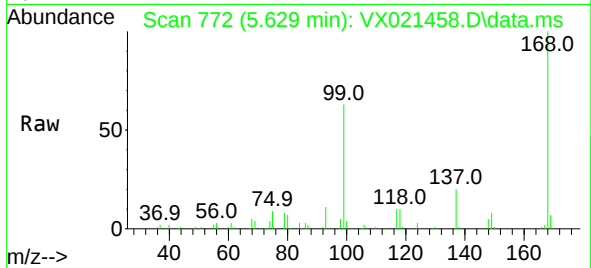




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01

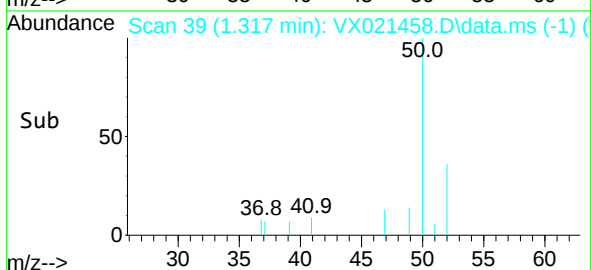
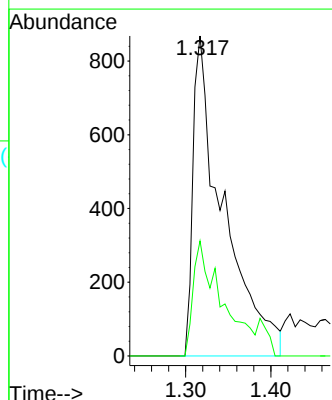
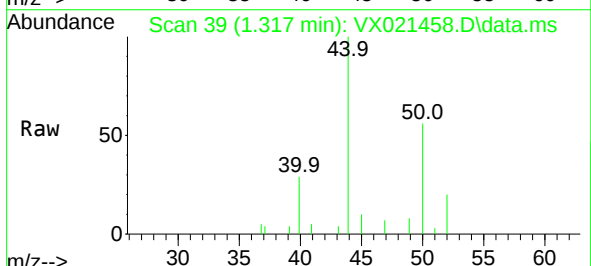
Instrument :
MSVOA_X
ClientSampled :

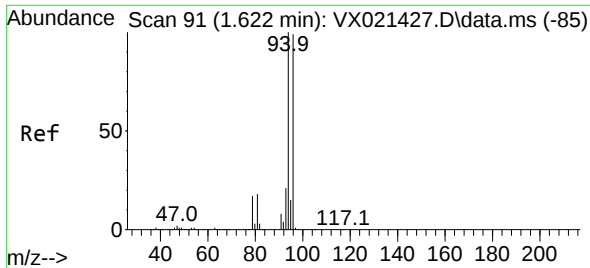
Tgt Ion:168 Resp: 64531
Ion Ratio Lower Upper
168 100
99 63.1 45.8 68.6



#3
Chloromethane
Concen: 2.65 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01

Tgt Ion: 50 Resp: 2126
Ion Ratio Lower Upper
50 100
52 35.9 26.4 39.6

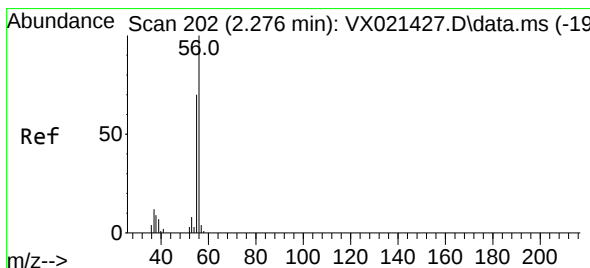
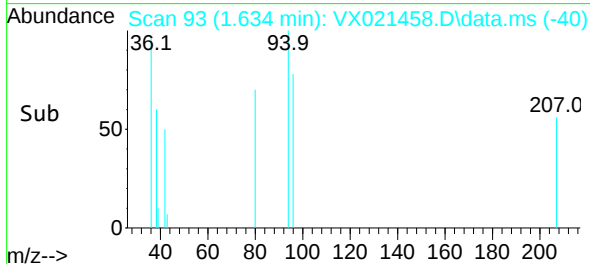
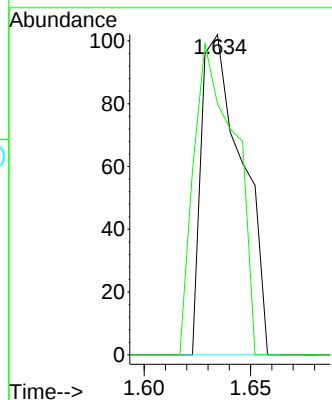
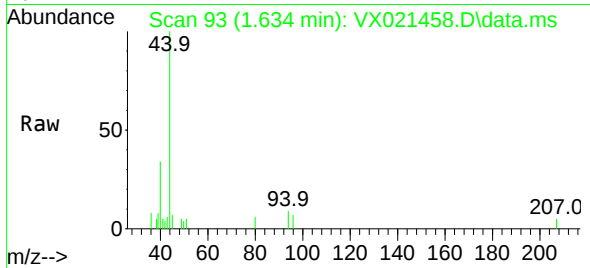




#5
Bromomethane
Concen: 0.47 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01

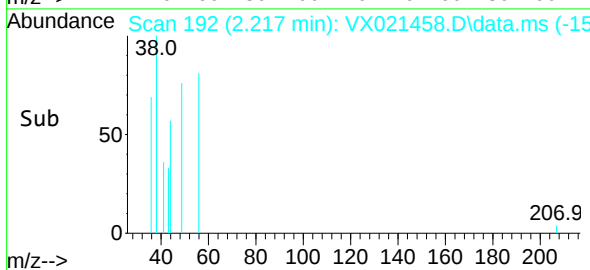
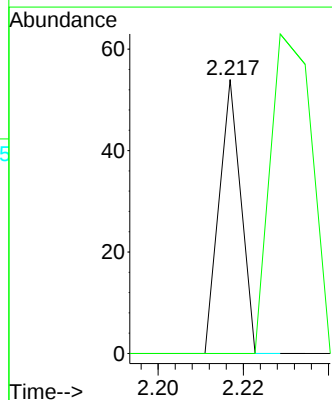
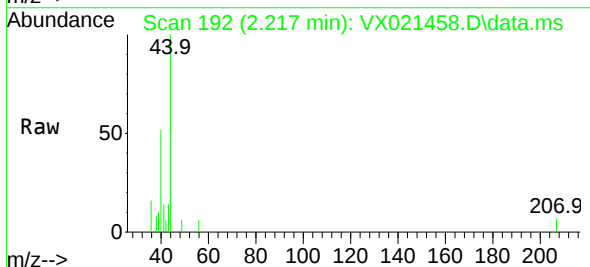
Instrument :
MSVOA_X
ClientSampled :

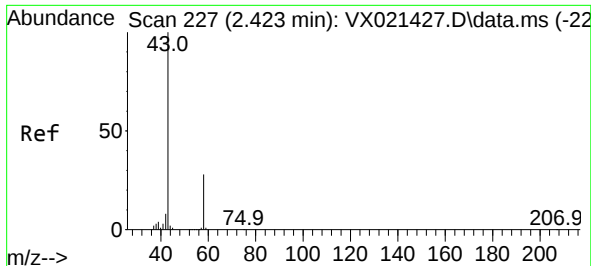
Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 78.4 76.4 114.6



#13
Acrolein
Concen: 4.51 ug/l
RT: 2.217 min Scan# 192
Delta R.T. -0.059 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01

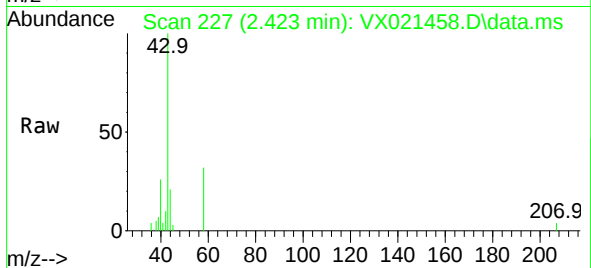
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 221.1 56.4 84.6#



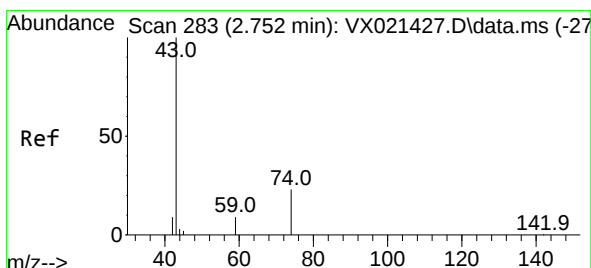
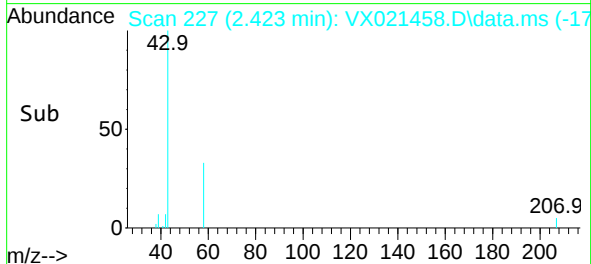
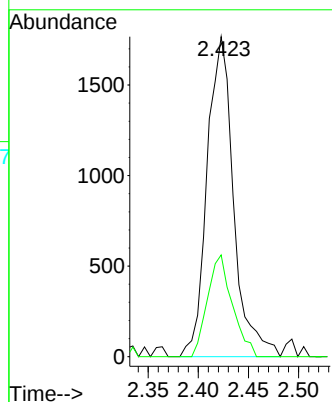


#16
Acetone
Concen: 8.02 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01

Instrument :
MSVOA_X
ClientSampled :

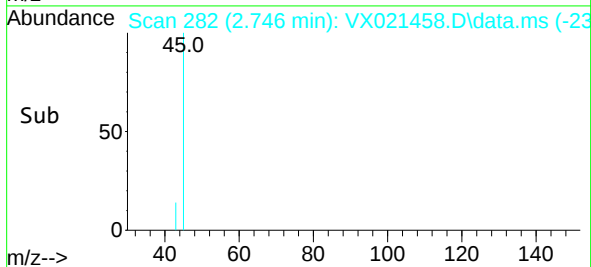
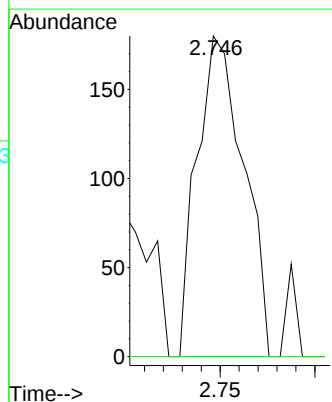
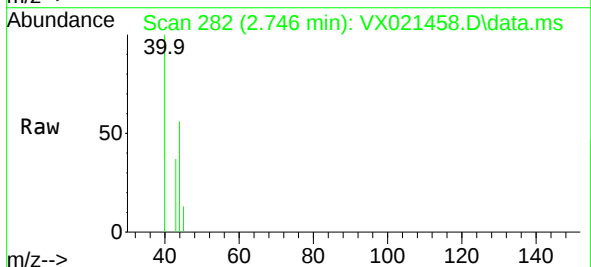


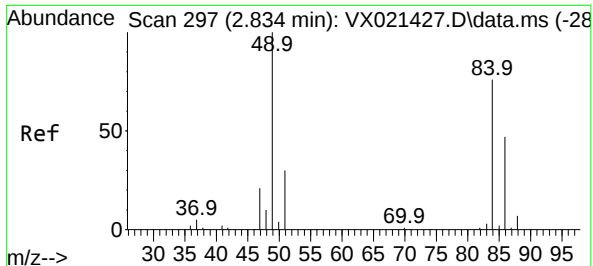
Tgt Ion: 43 Resp: 3254
Ion Ratio Lower Upper
43 100
58 31.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01

Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.26 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021458.D

Acq: 25 Mar 2021 01:01

Tgt Ion: 84 Resp: 204

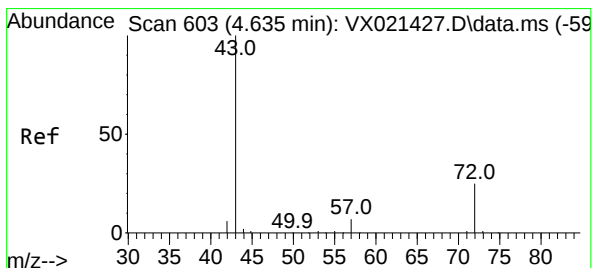
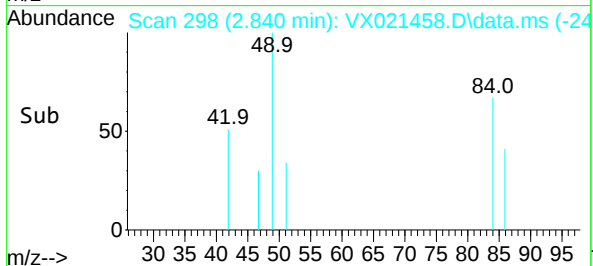
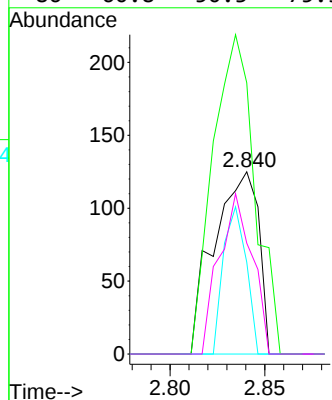
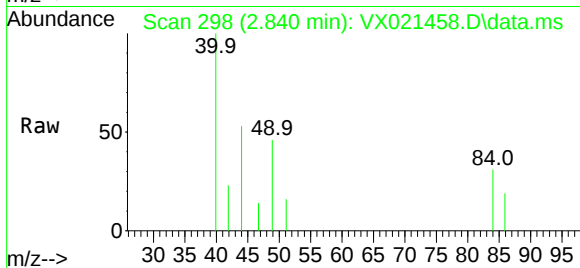
Ion Ratio Lower Upper

84 100

49 148.8 88.6 132.8#

51 50.4 27.0 40.6#

86 60.8 50.3 75.5



#25

2-Butanone

Concen: 0.32 ug/l

RT: 4.641 min Scan# 604

Delta R.T. 0.006 min

Lab File: VX021458.D

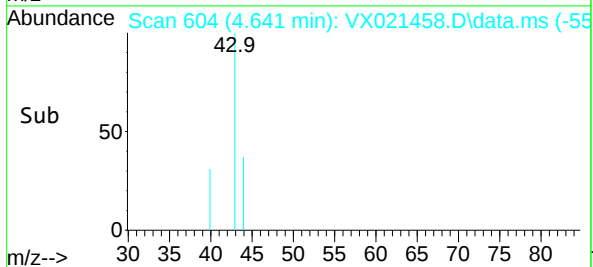
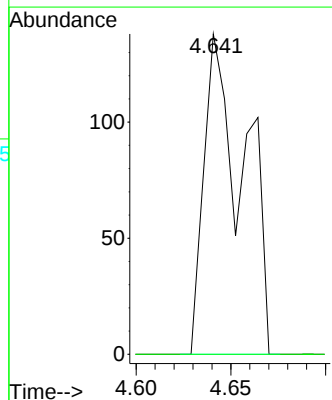
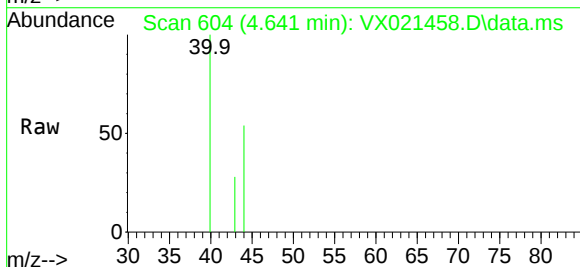
Acq: 25 Mar 2021 01:01

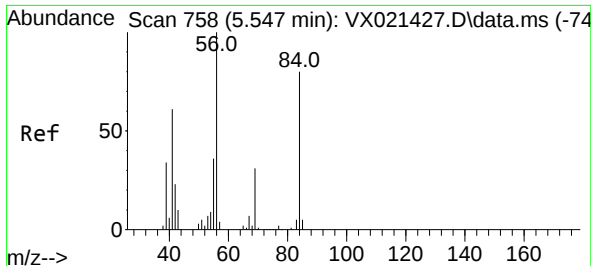
Tgt Ion: 43 Resp: 200

Ion Ratio Lower Upper

43 100

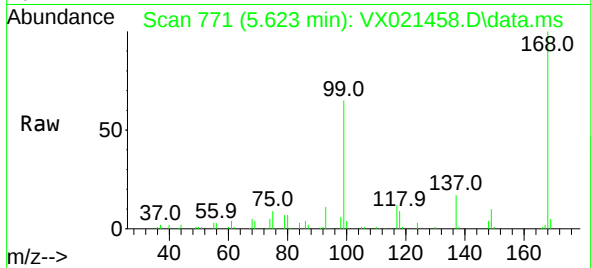
72 0.0 23.7 35.5#



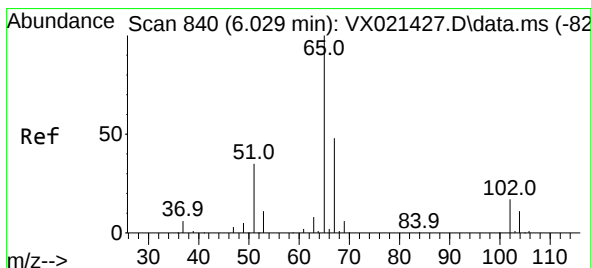
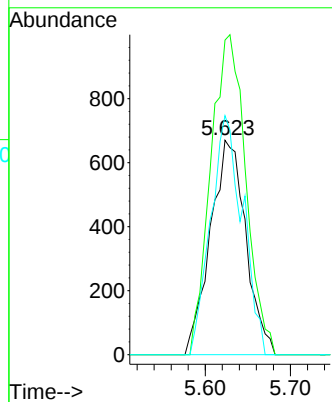
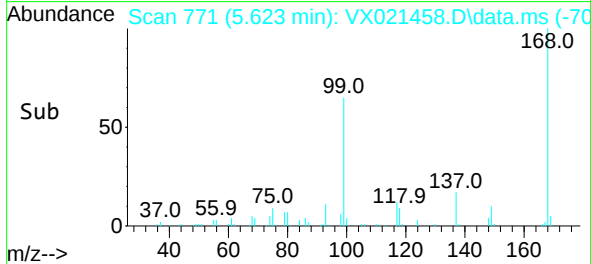


#31
Cyclohexane
Concen: 1.64 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01

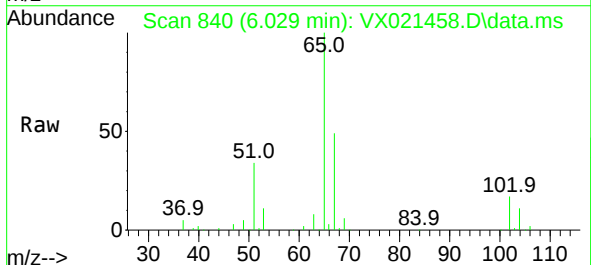
Instrument :
MSVOA_X
ClientSampled :



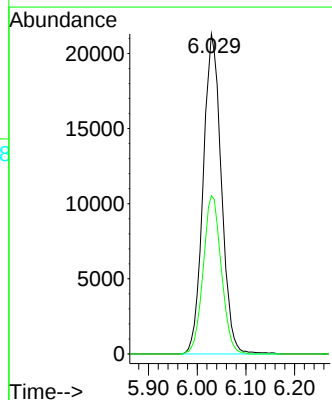
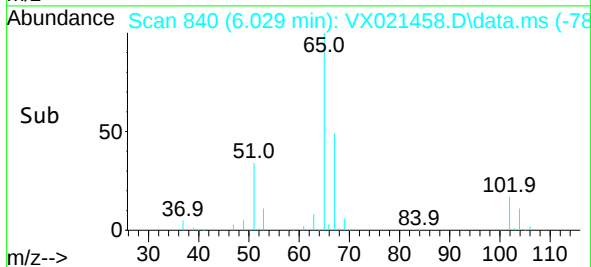
Tgt Ion: 56 Resp: 1934
Ion Ratio Lower Upper
56 100
69 146.7 25.3 37.9#
84 111.5 71.4 107.0#

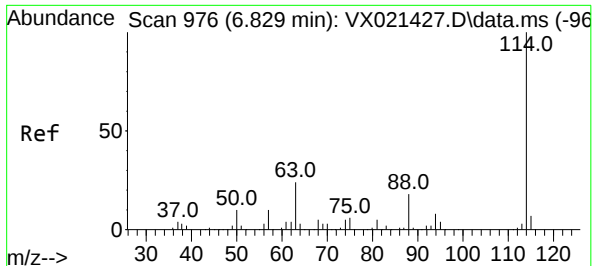


#33
1,2-Dichloroethane-d4
Concen: 51.38 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01



Tgt Ion: 65 Resp: 55167
Ion Ratio Lower Upper
65 100
67 49.2 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: VX021458.D

Acq: 25 Mar 2021 01:01

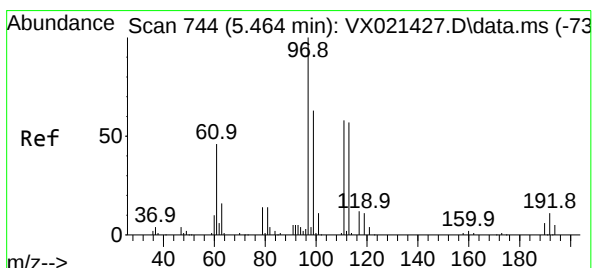
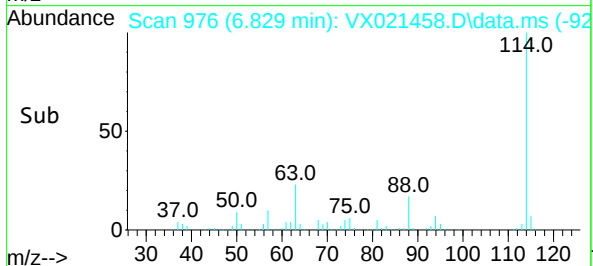
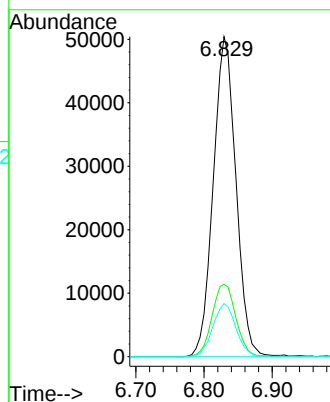
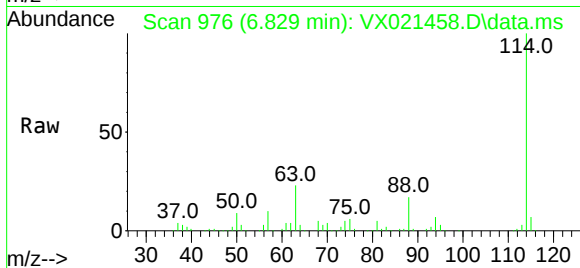
Tgt Ion:114 Resp: 116603

Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.8

88 16.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.95 ug/l

RT: 5.470 min Scan# 745

Delta R.T. 0.006 min

Lab File: VX021458.D

Acq: 25 Mar 2021 01:01

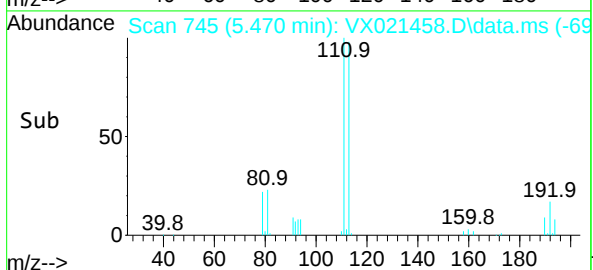
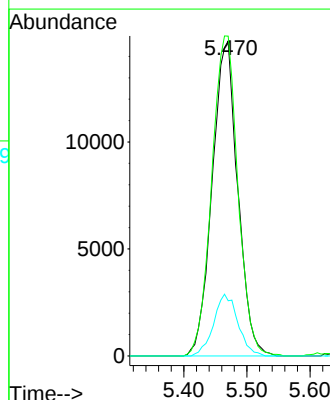
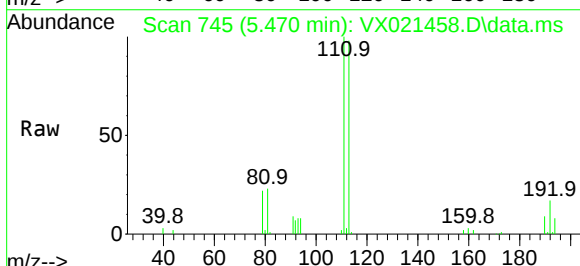
Tgt Ion:113 Resp: 41373

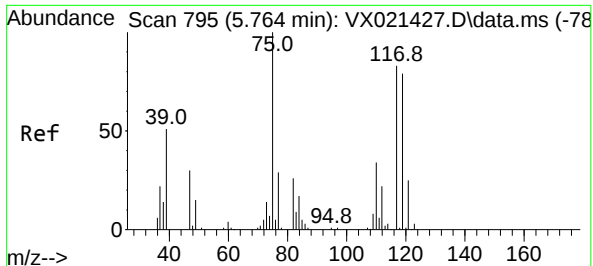
Ion Ratio Lower Upper

113 100

111 104.1 81.9 122.9

192 18.7 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.29 ug/l

RT: 5.629 min Scan# 772

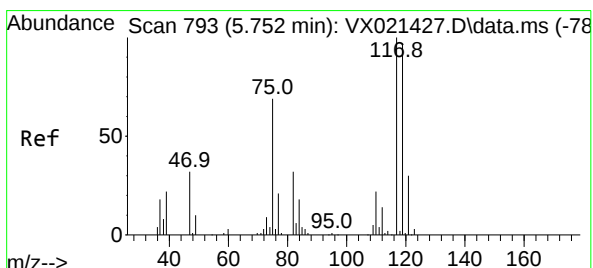
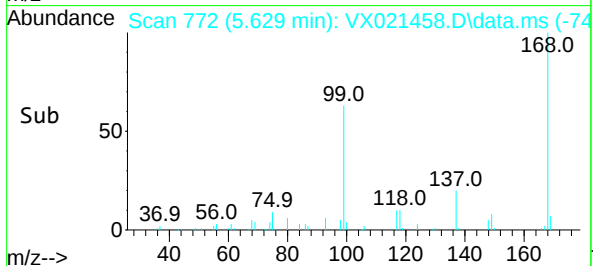
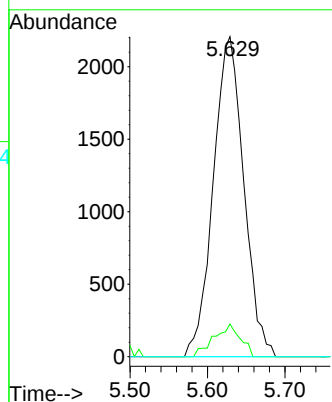
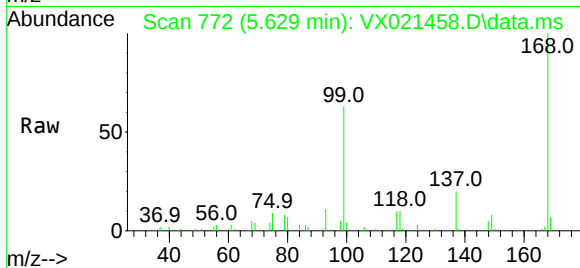
Delta R.T. -0.135 min

Lab File: VX021458.D

Acq: 25 Mar 2021 01:01

Tgt Ion:	75	Resp:	6046
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: 5.76 ug/l

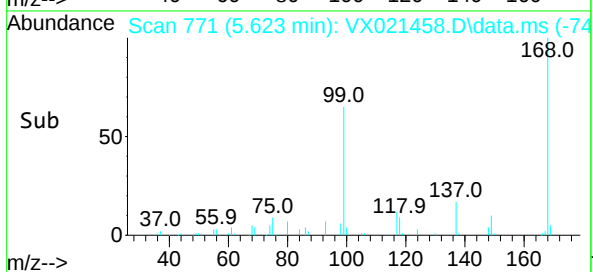
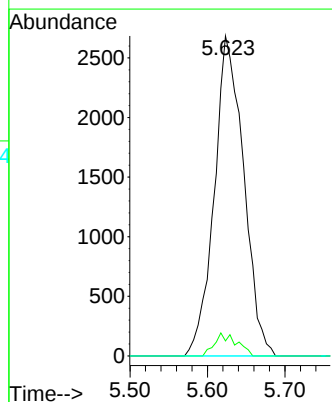
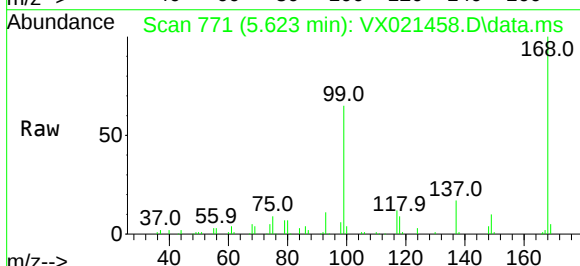
RT: 5.623 min Scan# 771

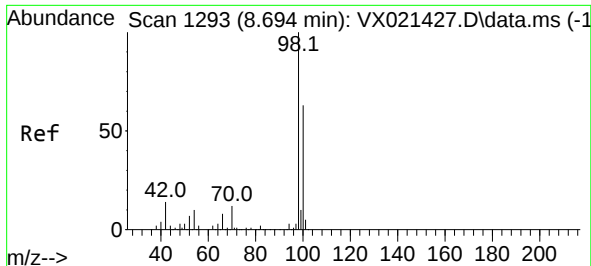
Delta R.T. -0.129 min

Lab File: VX021458.D

Acq: 25 Mar 2021 01:01

Tgt Ion:	117	Resp:	7074
Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.2	114.2#
121	0.0	24.8	37.2#

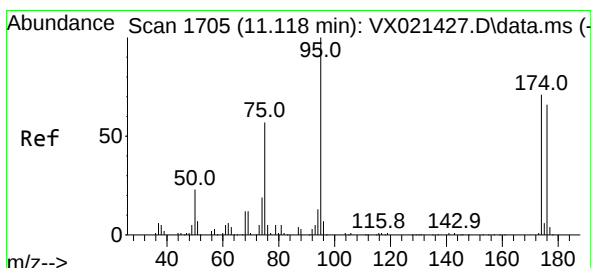
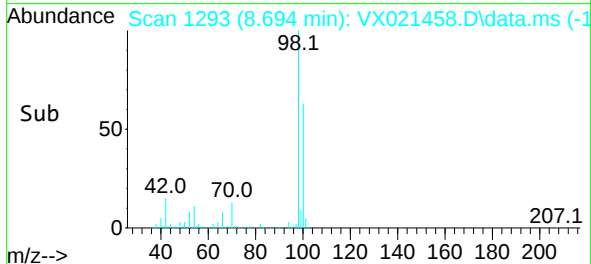
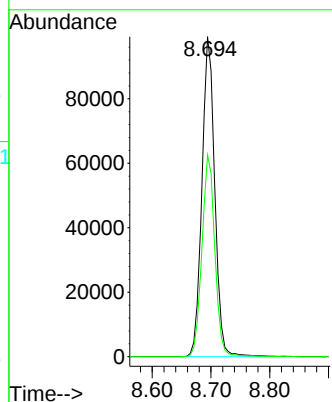
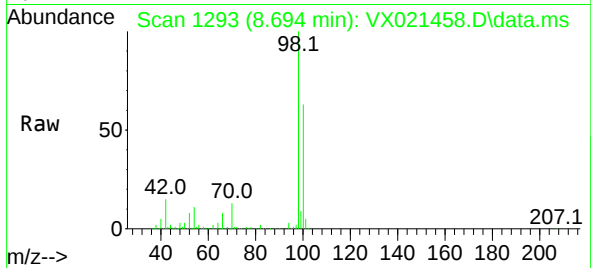




#50
Toluene-d8
Concen: 51.07 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01

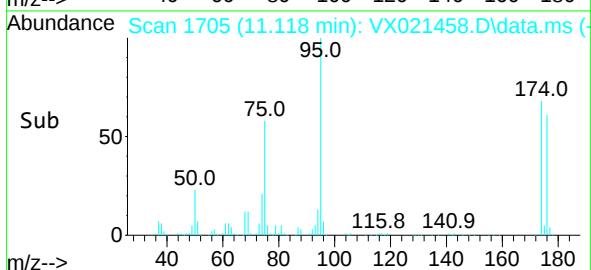
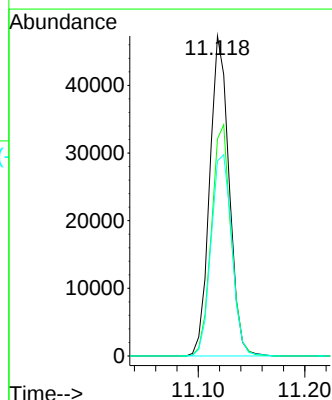
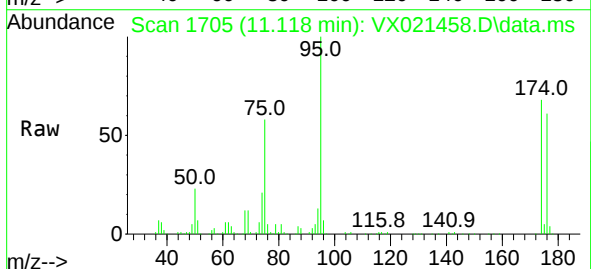
Instrument :
MSVOA_X
ClientSampled :

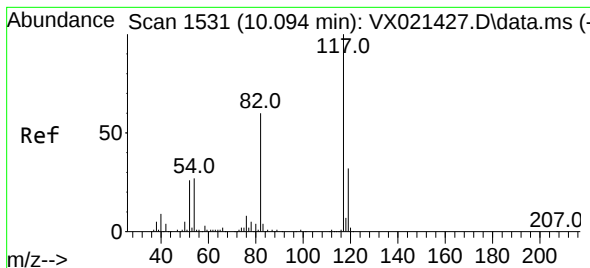
Tgt Ion: 98 Resp: 150725
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.32 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01

Tgt Ion: 95 Resp: 60036
Ion Ratio Lower Upper
95 100
174 72.7 0.0 154.6
176 67.2 0.0 155.8

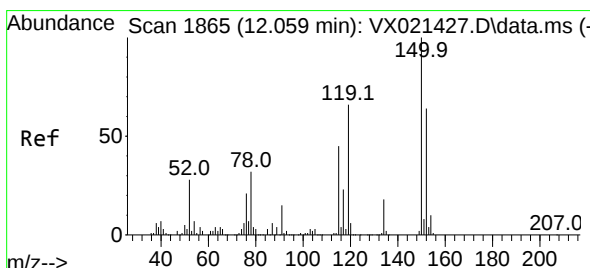
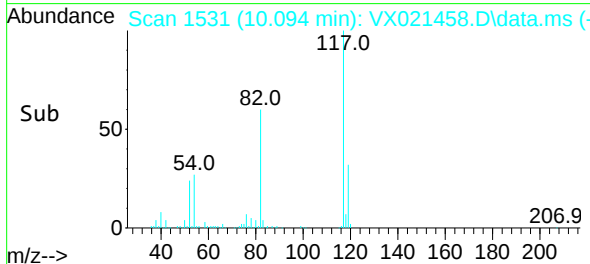
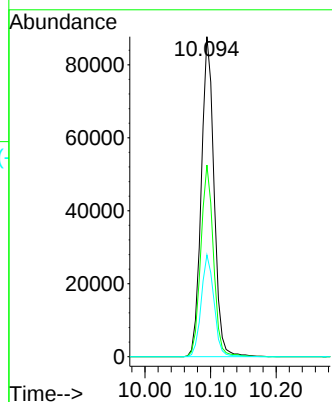
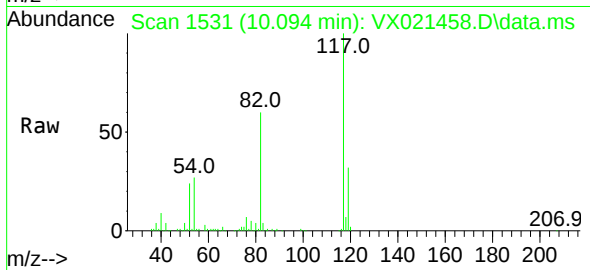




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01

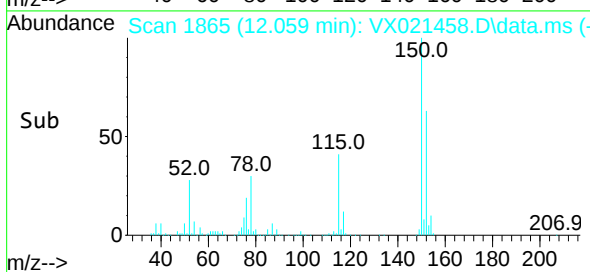
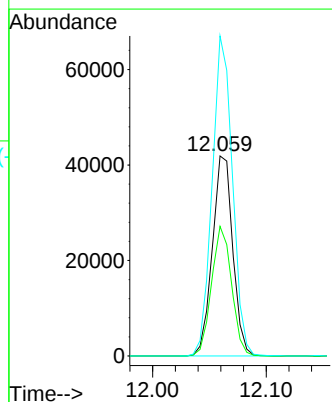
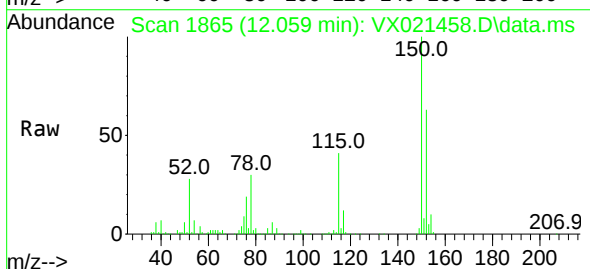
Instrument :
MSVOA_X
ClientSampled :

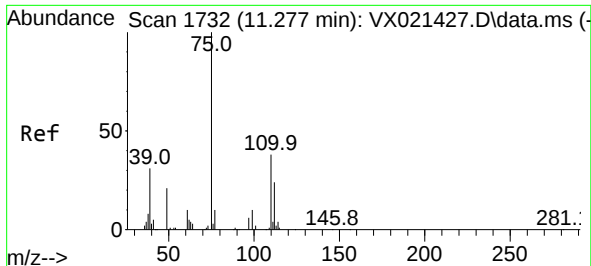
Tgt Ion:117 Resp: 119137
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01

Tgt Ion:152 Resp: 52387
Ion Ratio Lower Upper
152 100
115 63.5 41.1 123.3
150 158.7 0.0 349.0

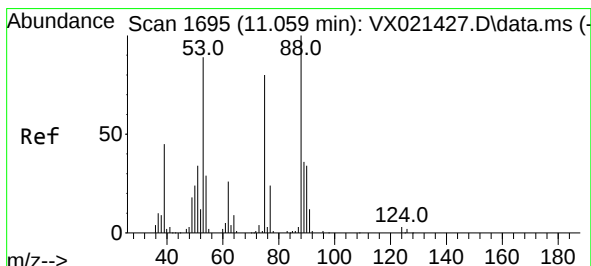
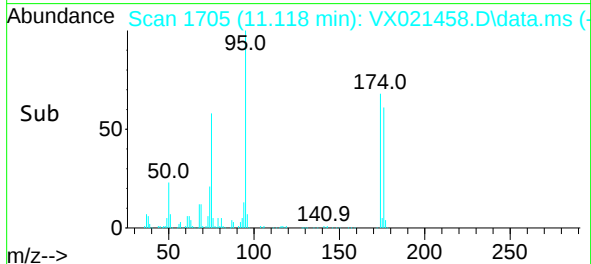
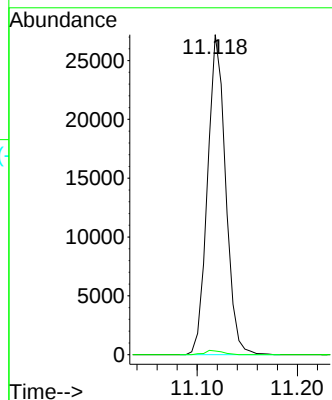
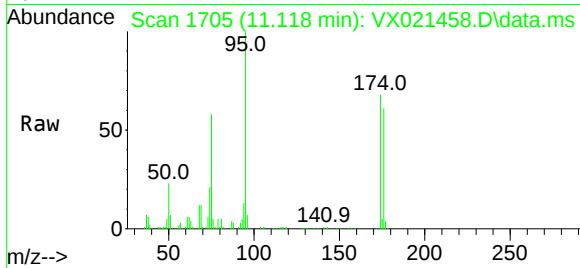




#76
1,2,3-Trichloropropane
Concen: 27.98 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 34129
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.24 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021458.D
Acq: 25 Mar 2021 01:01

Tgt Ion: 75 Resp: 34129
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

