

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021587.D
 Acq On : 29 Mar 2021 19:10
 Operator : JC/MD
 Sample : M1862-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 30 03:31:44 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)

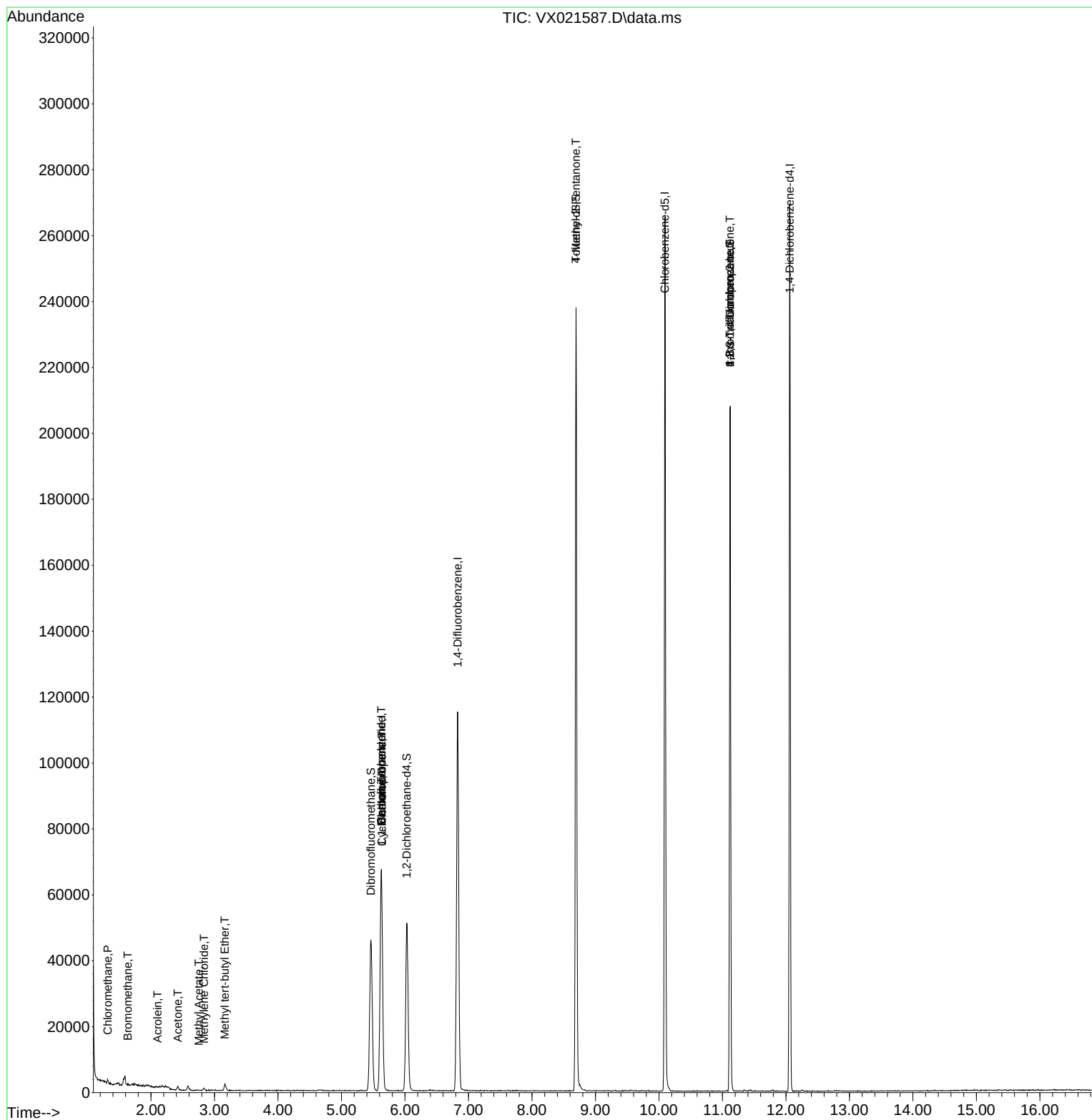
Internal Standards						
1) Pentafluorobenzene	5.629	168	58036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	106565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	49469	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	50468	52.26	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.52%
35) Dibromofluoromethane	5.464	113	38127	50.37	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.74%
50) Toluene-d8	8.694	98	134732	49.95	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.90%
62) 4-Bromofluorobenzene	11.118	95	55697	53.11	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.22%
Target Compounds						
					Qvalue	
3) Chloromethane	1.316	50	1571	2.18	ug/l	94
5) Bromomethane	1.634	94	89	0.34	ug/l #	2
13) Acrolein	2.105	56	18	4.52	ug/l #	57
16) Acetone	2.422	43	1213	3.32	ug/l #	80
18) Methyl Acetate	2.752	43	227	0.22	ug/l #	47
19) Methyl tert-butyl Ether	3.164	73	1722	0.79	ug/l	100
20) Methylene Chloride	2.834	84	325	0.46	ug/l #	80
31) Cyclohexane	5.635	56	1609	1.52	ug/l #	53
36) 1,1-Dichloropropene	5.635	75	5357	5.13	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6533	5.82	ug/l #	17
51) 4-Methyl-2-Pentanone	8.694	43	813	0.67	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	31021	26.94	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31021	82.05	ug/l #	12

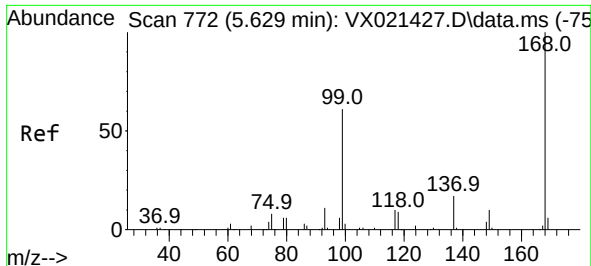
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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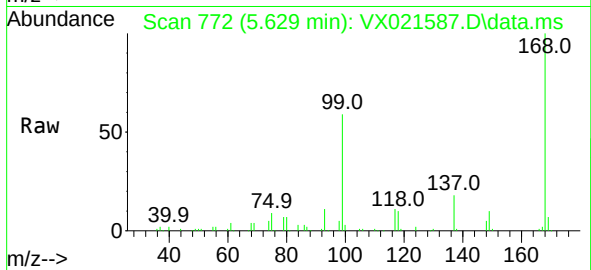
Quant Time: Mar 30 03:31:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
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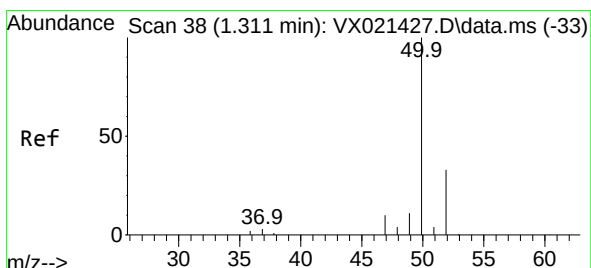
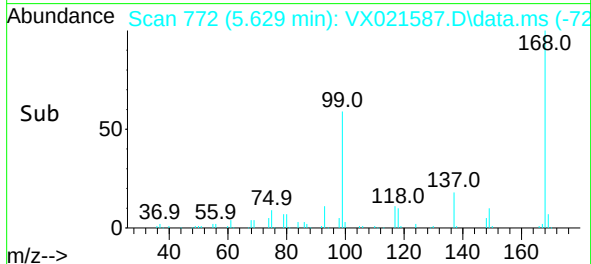
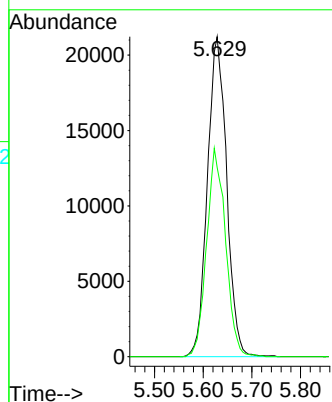


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021587.D
Acq: 29 Mar 2021 19:10

Instrument :
MSVOA_X
ClientSampled :

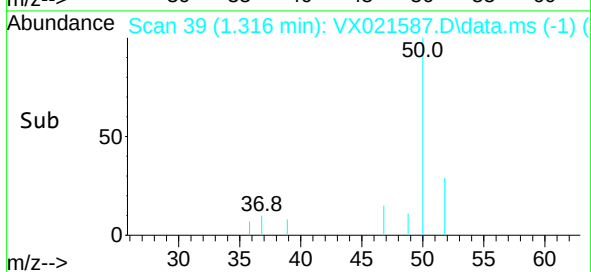
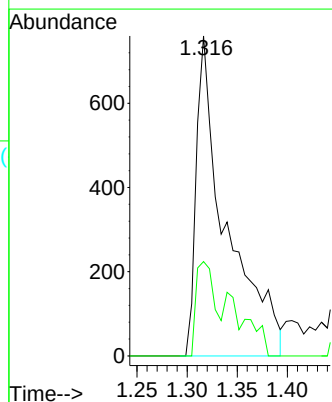
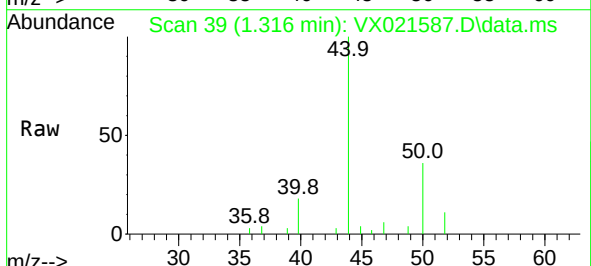


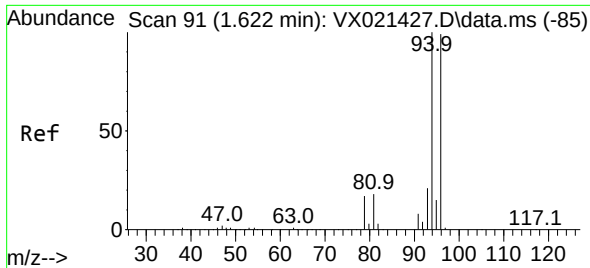
Tgt Ion:168 Resp: 58036
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6



#3
Chloromethane
Concen: 2.18 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021587.D
Acq: 29 Mar 2021 19:10

Tgt Ion: 50 Resp: 1571
Ion Ratio Lower Upper
50 100
52 29.5 26.4 39.6

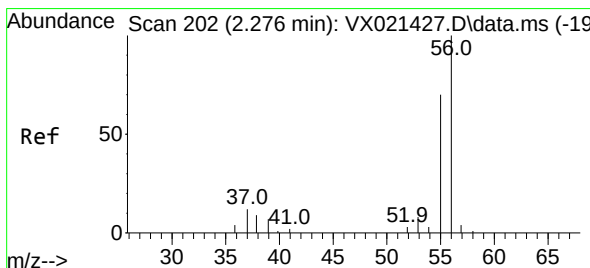
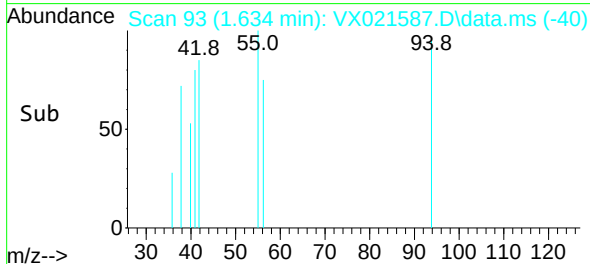
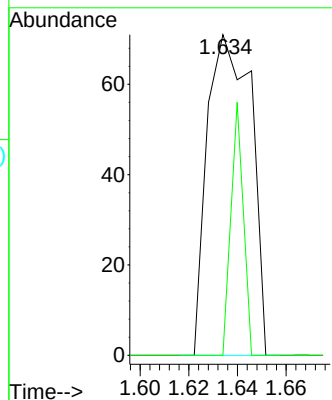
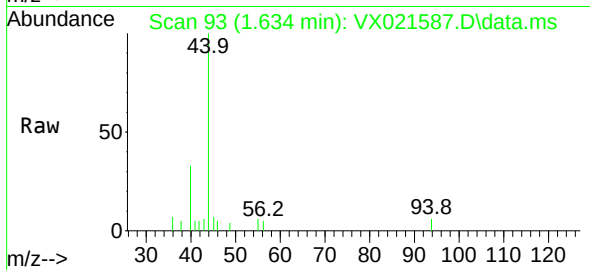




#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021587.D
Acq: 29 Mar 2021 19:10

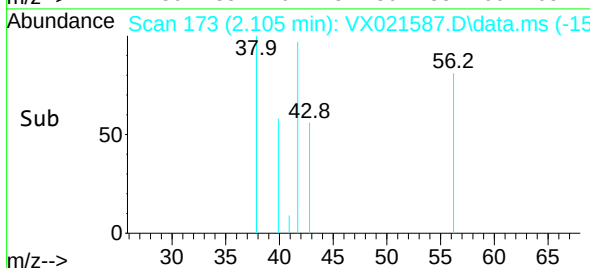
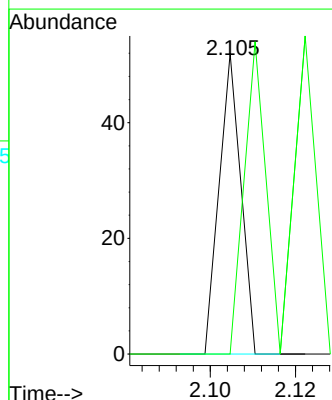
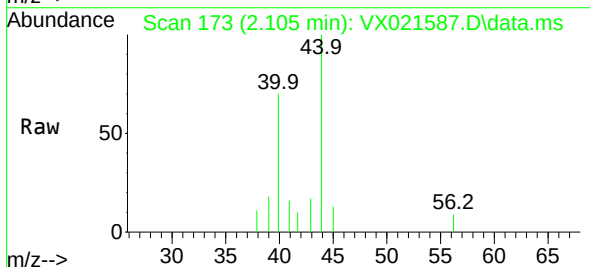
Instrument :
MSVOA_X
ClientSampled :

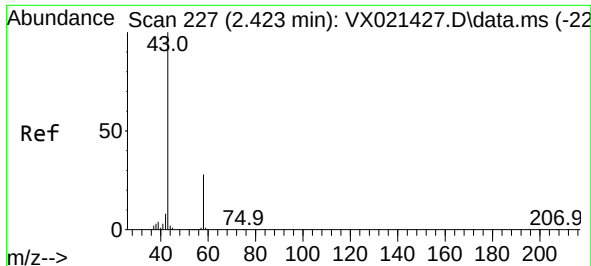
Tgt Ion: 94 Resp: 89
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#13
Acrolein
Concen: 4.52 ug/l
RT: 2.105 min Scan# 173
Delta R.T. -0.171 min
Lab File: VX021587.D
Acq: 29 Mar 2021 19:10

Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 105.6 56.4 84.6#

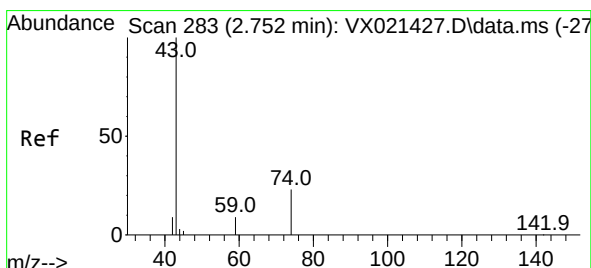
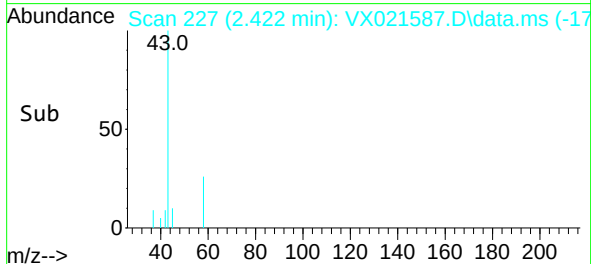
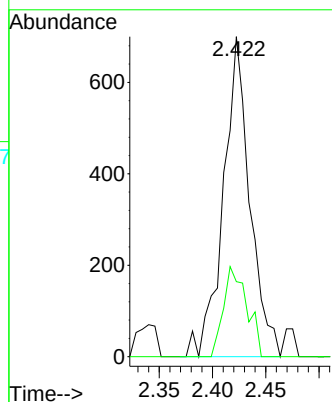
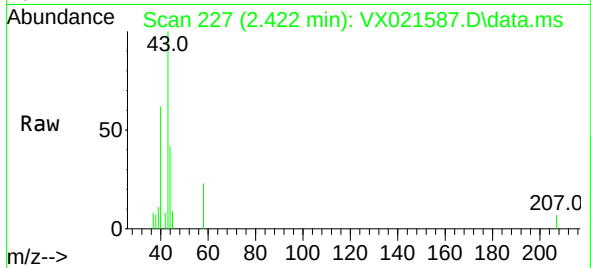




#16
Acetone
Concen: 3.32 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021587.D
Acq: 29 Mar 2021 19:10

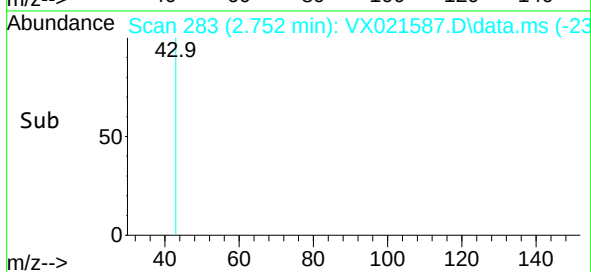
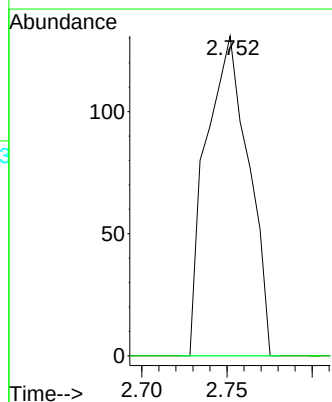
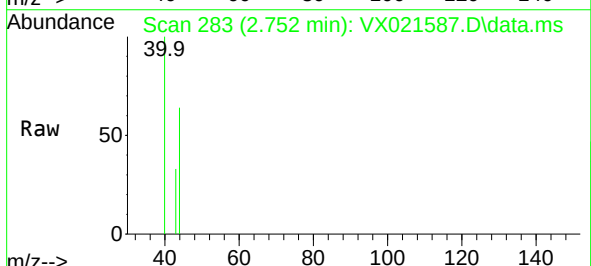
Instrument :
MSVOA_X
ClientSampled :

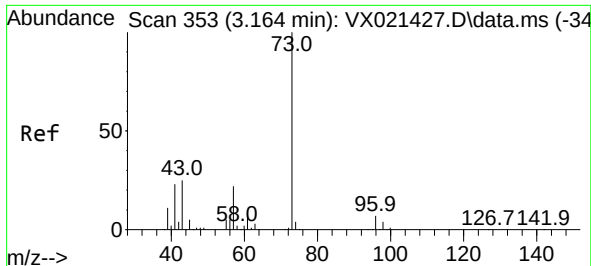
Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
58 23.4 27.8 41.8#



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021587.D
Acq: 29 Mar 2021 19:10

Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



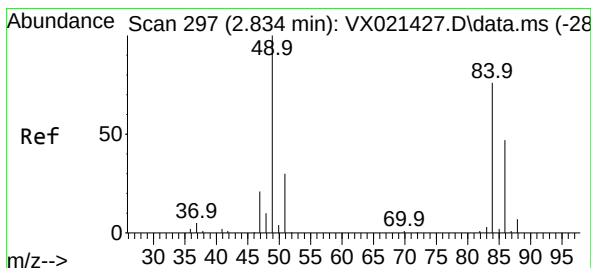
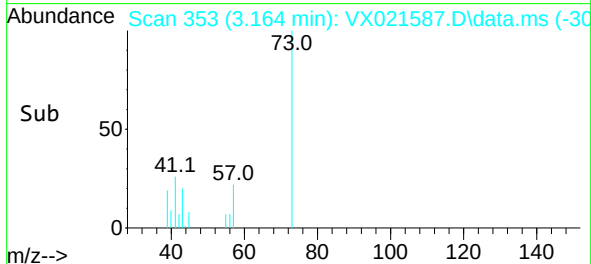
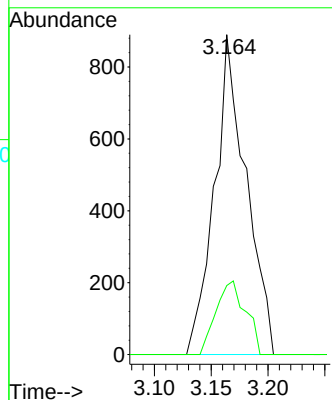
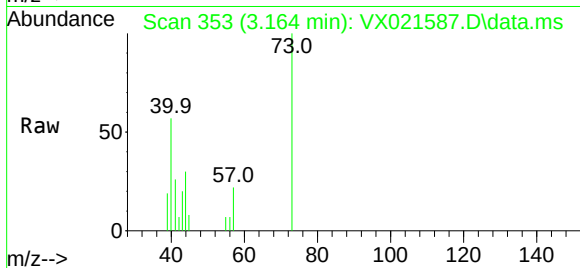


#19

Methyl tert-butyl Ether
 Concen: 0.79 ug/l
 RT: 3.164 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VX021587.D
 Acq: 29 Mar 2021 19:10

Instrument :
 MSVOA_X
 ClientSampled :

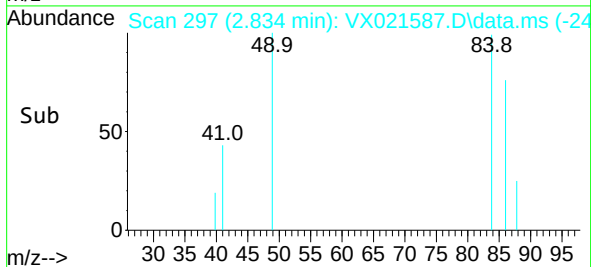
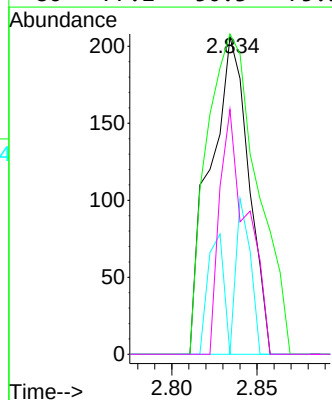
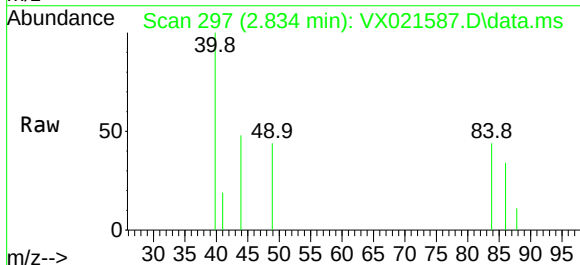
Tgt Ion: 73 Resp: 1722
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.1 25.7

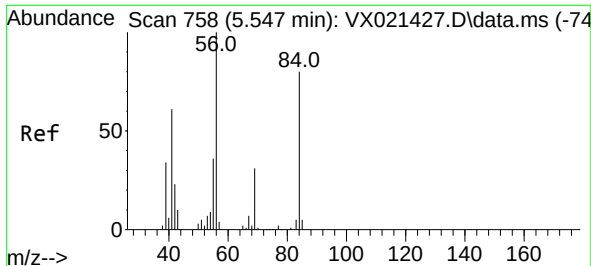


#20

Methylene Chloride
 Concen: 0.46 ug/l
 RT: 2.834 min Scan# 297
 Delta R.T. 0.000 min
 Lab File: VX021587.D
 Acq: 29 Mar 2021 19:10

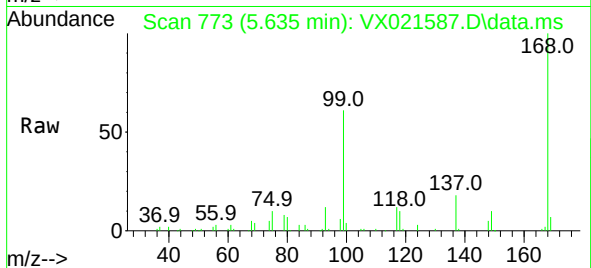
Tgt Ion: 84 Resp: 325
 Ion Ratio Lower Upper
 84 100
 49 101.0 88.6 132.8
 51 0.0 27.0 40.6#
 86 77.2 50.3 75.5#



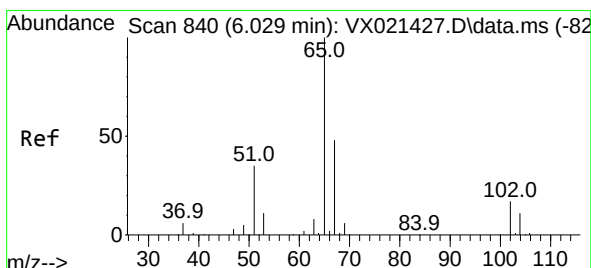
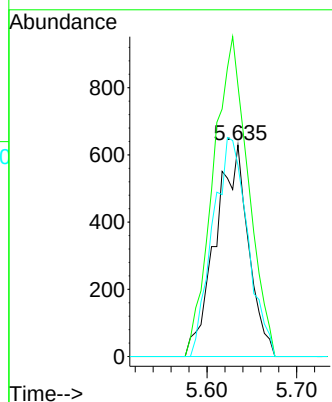
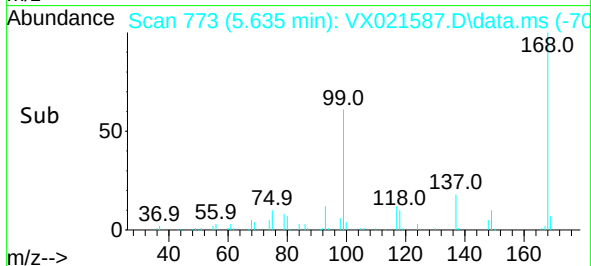


#31
Cyclohexane
Concen: 1.52 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021587.D
Acq: 29 Mar 2021 19:10

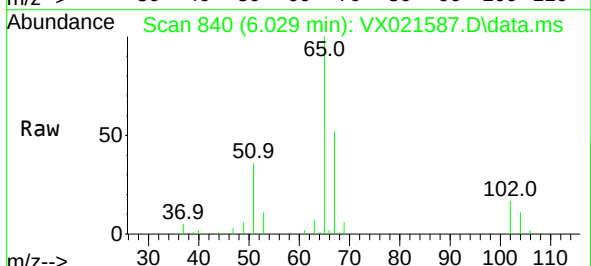
Instrument :
MSVOA_X
ClientSampled :



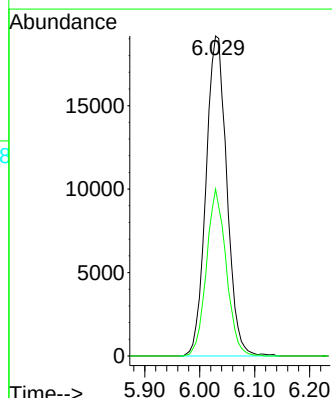
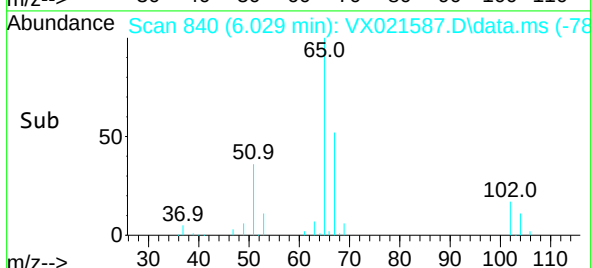
Tgt Ion: 56 Resp: 1609
Ion Ratio Lower Upper
56 100
69 128.3 25.3 37.9#
84 90.5 71.4 107.0

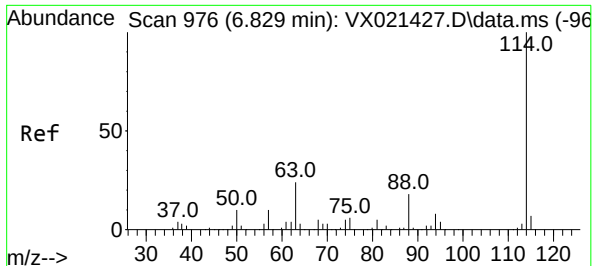


#33
1,2-Dichloroethane-d4
Concen: 52.26 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021587.D
Acq: 29 Mar 2021 19:10



Tgt Ion: 65 Resp: 50468
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.4

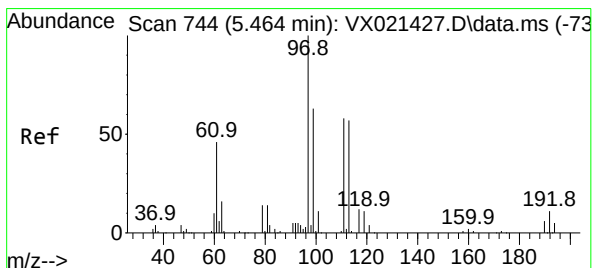
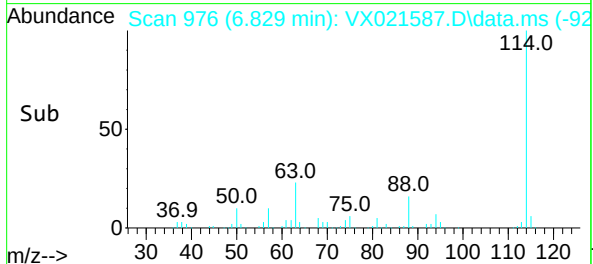
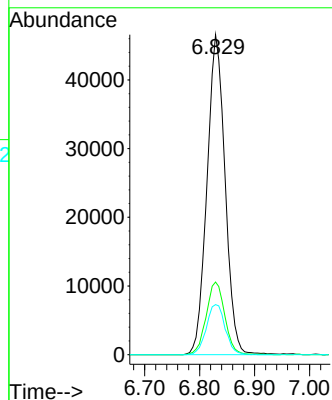
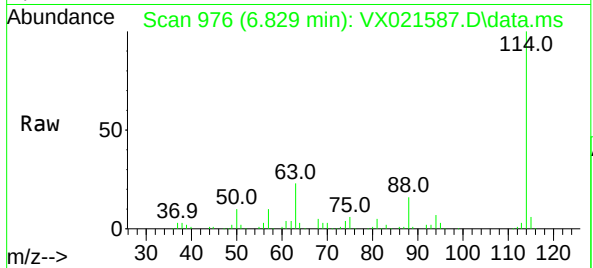




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021587.D
Acq: 29 Mar 2021 19:10

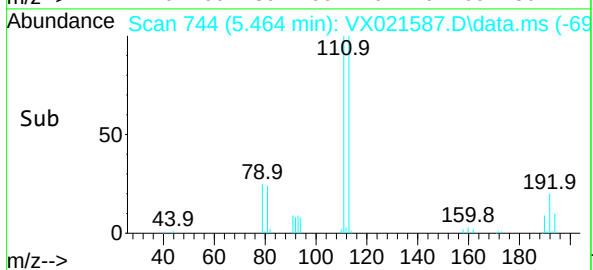
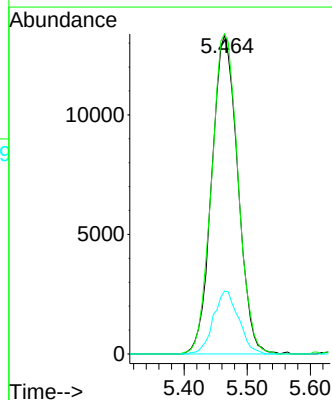
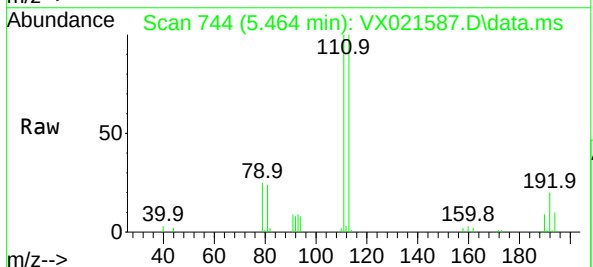
Instrument :
MSVOA_X
ClientSampleId :

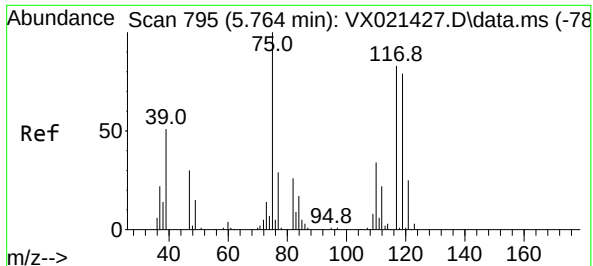
Tgt Ion:114 Resp: 106565
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.37 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021587.D
Acq: 29 Mar 2021 19:10

Tgt Ion:113 Resp: 38127
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.13 ug/l

RT: 5.635 min Scan# 773

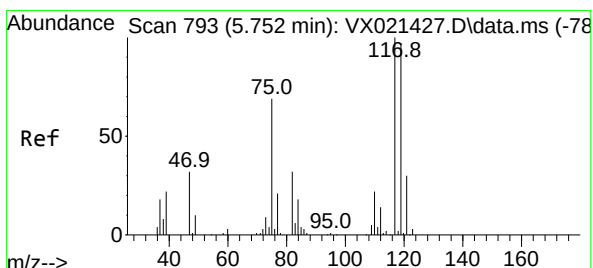
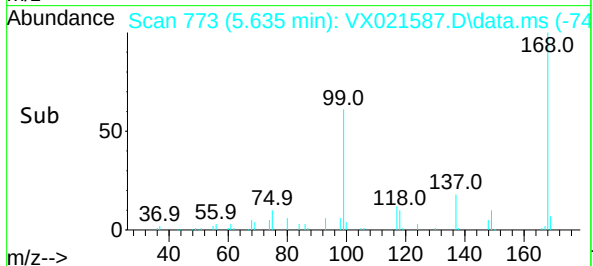
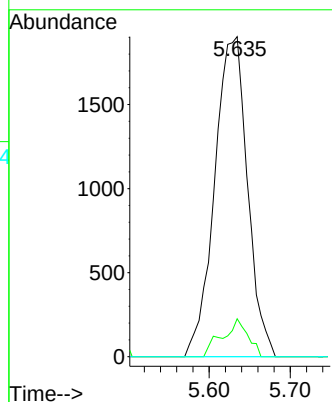
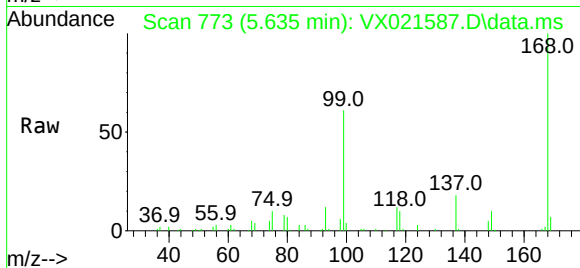
Delta R.T. -0.130 min

Lab File: VX021587.D

Acq: 29 Mar 2021 19:10

Tgt Ion:	75	Resp:	5357
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.82 ug/l

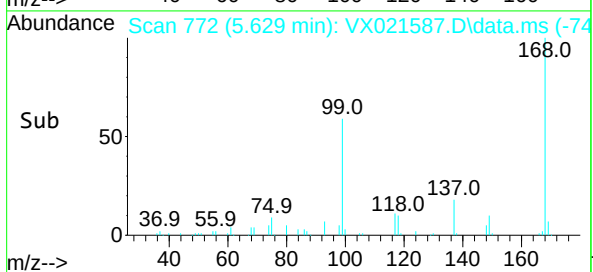
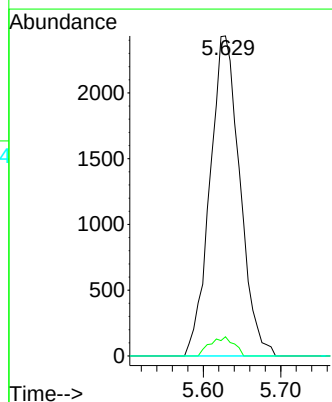
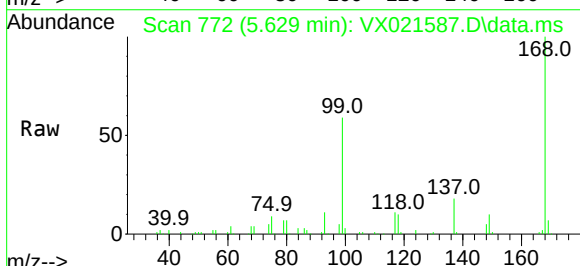
RT: 5.629 min Scan# 772

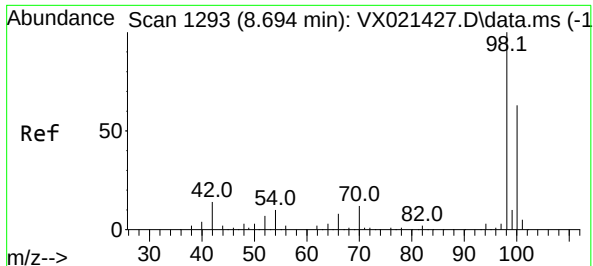
Delta R.T. -0.123 min

Lab File: VX021587.D

Acq: 29 Mar 2021 19:10

Tgt Ion:	117	Resp:	6533
Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.2	114.2#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 49.95 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX021587.D

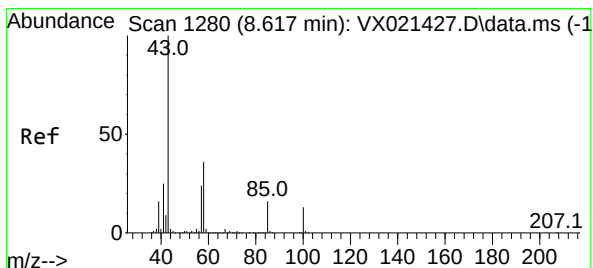
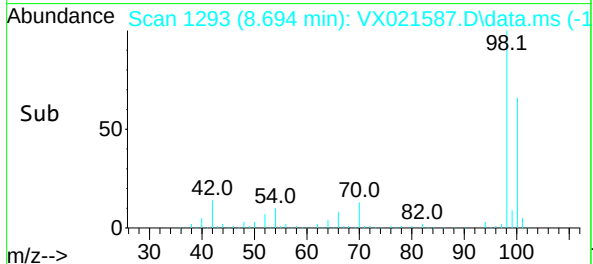
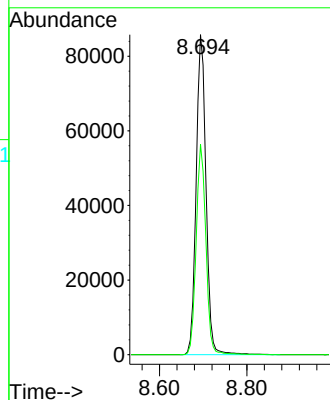
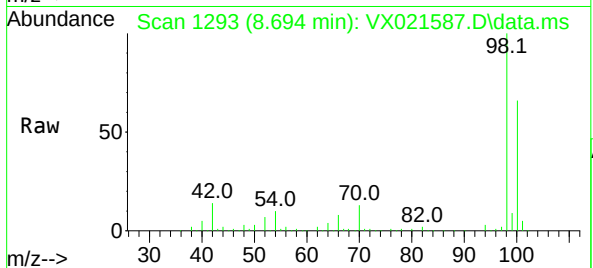
Acq: 29 Mar 2021 19:10

Tgt Ion: 98 Resp: 134732

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.67 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.077 min

Lab File: VX021587.D

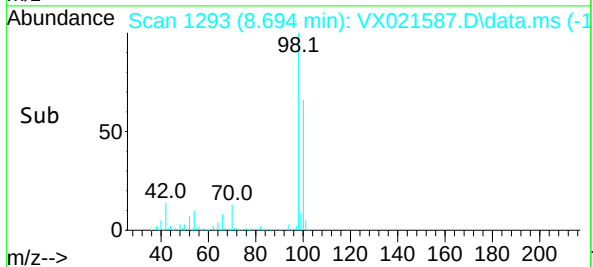
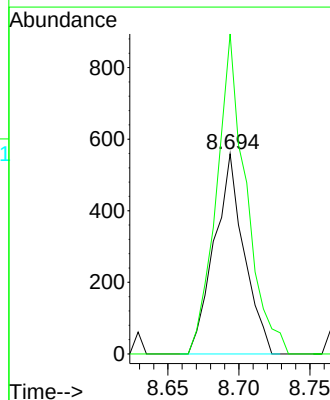
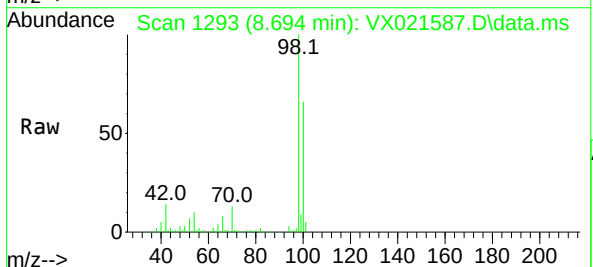
Acq: 29 Mar 2021 19:10

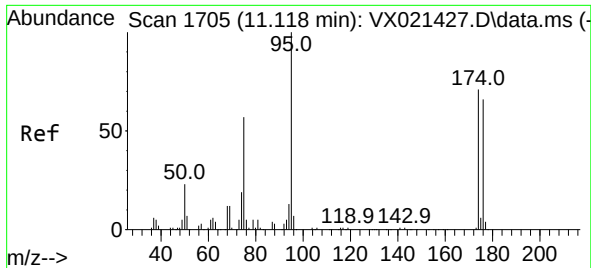
Tgt Ion: 43 Resp: 813

Ion Ratio Lower Upper

43 100

58 159.5 35.4 53.0#

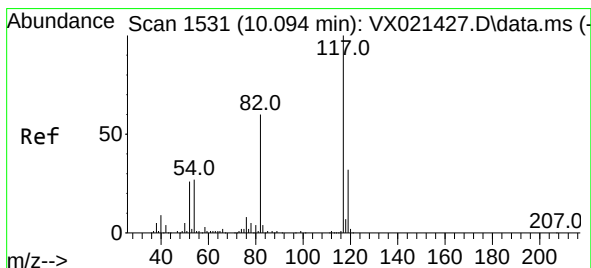
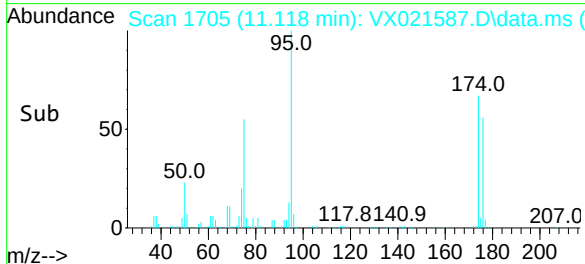
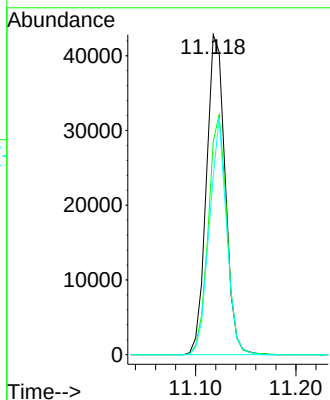
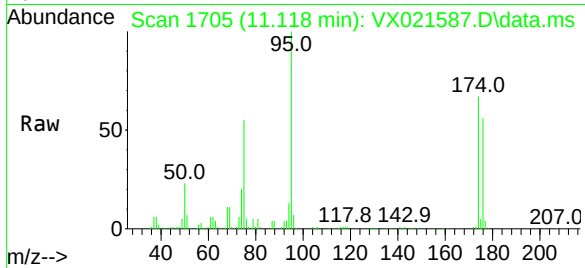




#62
4-Bromofluorobenzene
Concen: 53.11 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021587.D
Acq: 29 Mar 2021 19:10

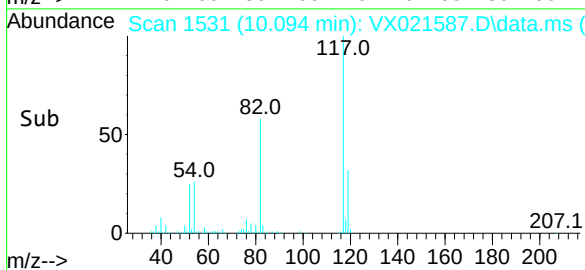
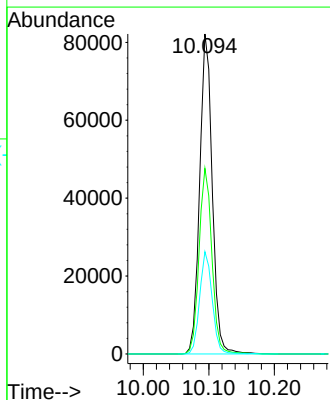
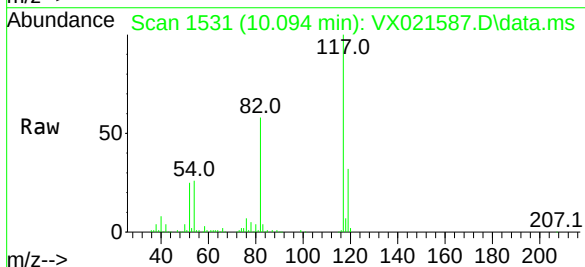
Instrument :
MSVOA_X
ClientSampleId :

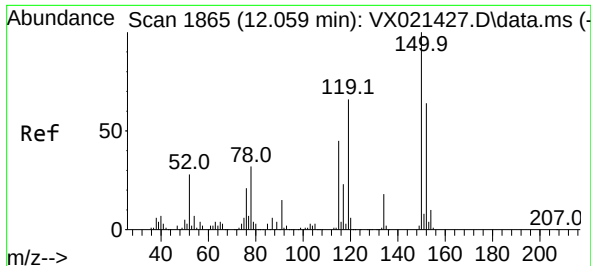
Tgt Ion: 95 Resp: 55697
Ion Ratio Lower Upper
95 100
174 74.3 0.0 154.6
176 68.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021587.D
Acq: 29 Mar 2021 19:10

Tgt Ion: 117 Resp: 109917
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.9 26.6 39.8

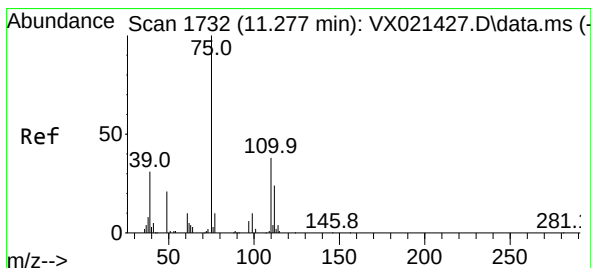
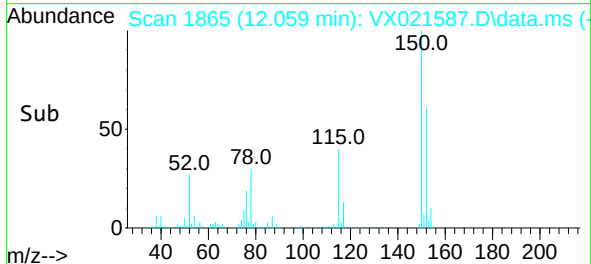
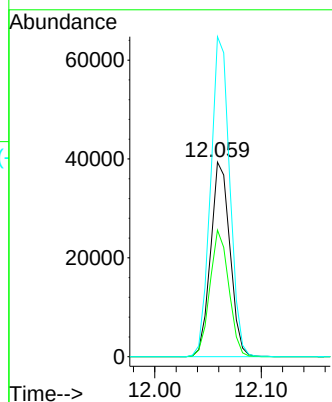
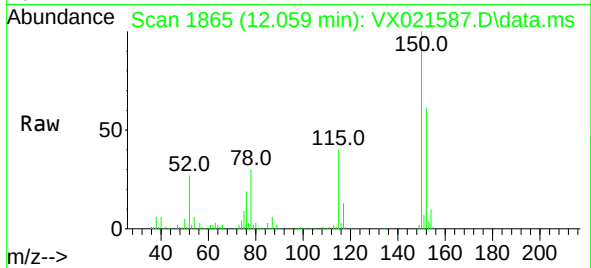




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. -0.000 min
 Lab File: VX021587.D
 Acq: 29 Mar 2021 19:10

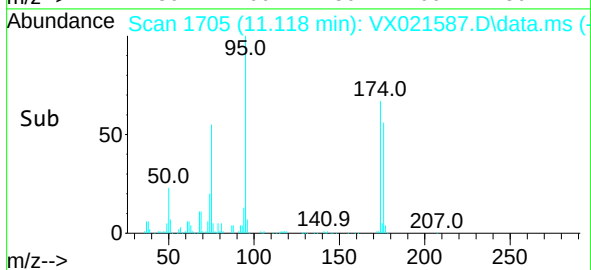
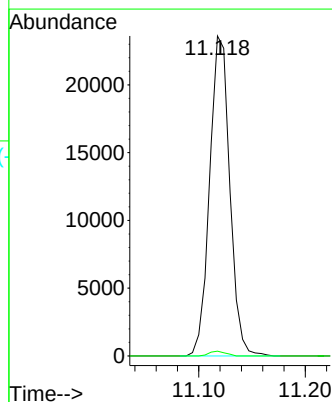
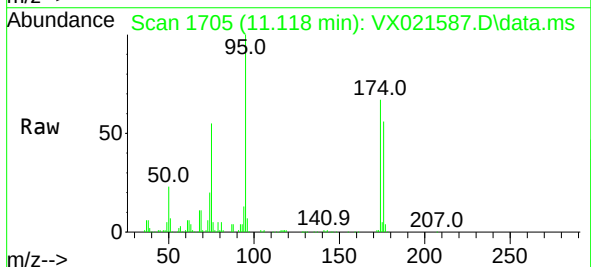
Instrument :
 MSVOA_X
 ClientSampleId :

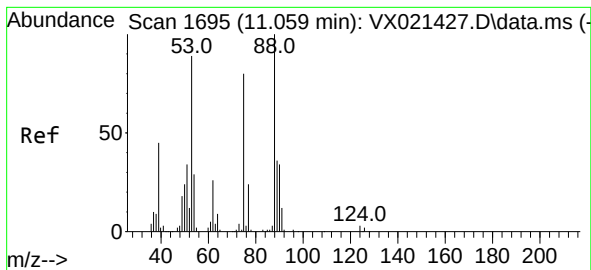
Tgt Ion:152 Resp: 49469
 Ion Ratio Lower Upper
 152 100
 115 63.7 41.1 123.3
 150 163.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.94 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021587.D
 Acq: 29 Mar 2021 19:10

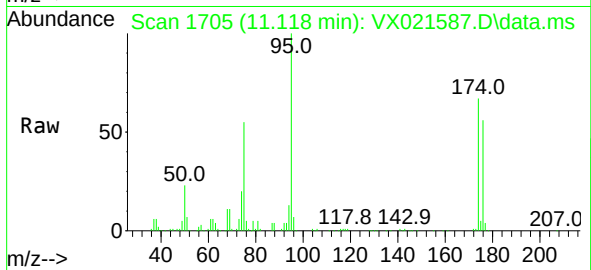
Tgt Ion: 75 Resp: 31021
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.05 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021587.D
 Acq: 29 Mar 2021 19:10

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 31021
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

