

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021487.D
 Acq On : 25 Mar 2021 15:40
 Operator : JC/MD
 Sample : M1758-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 03:15:13 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)

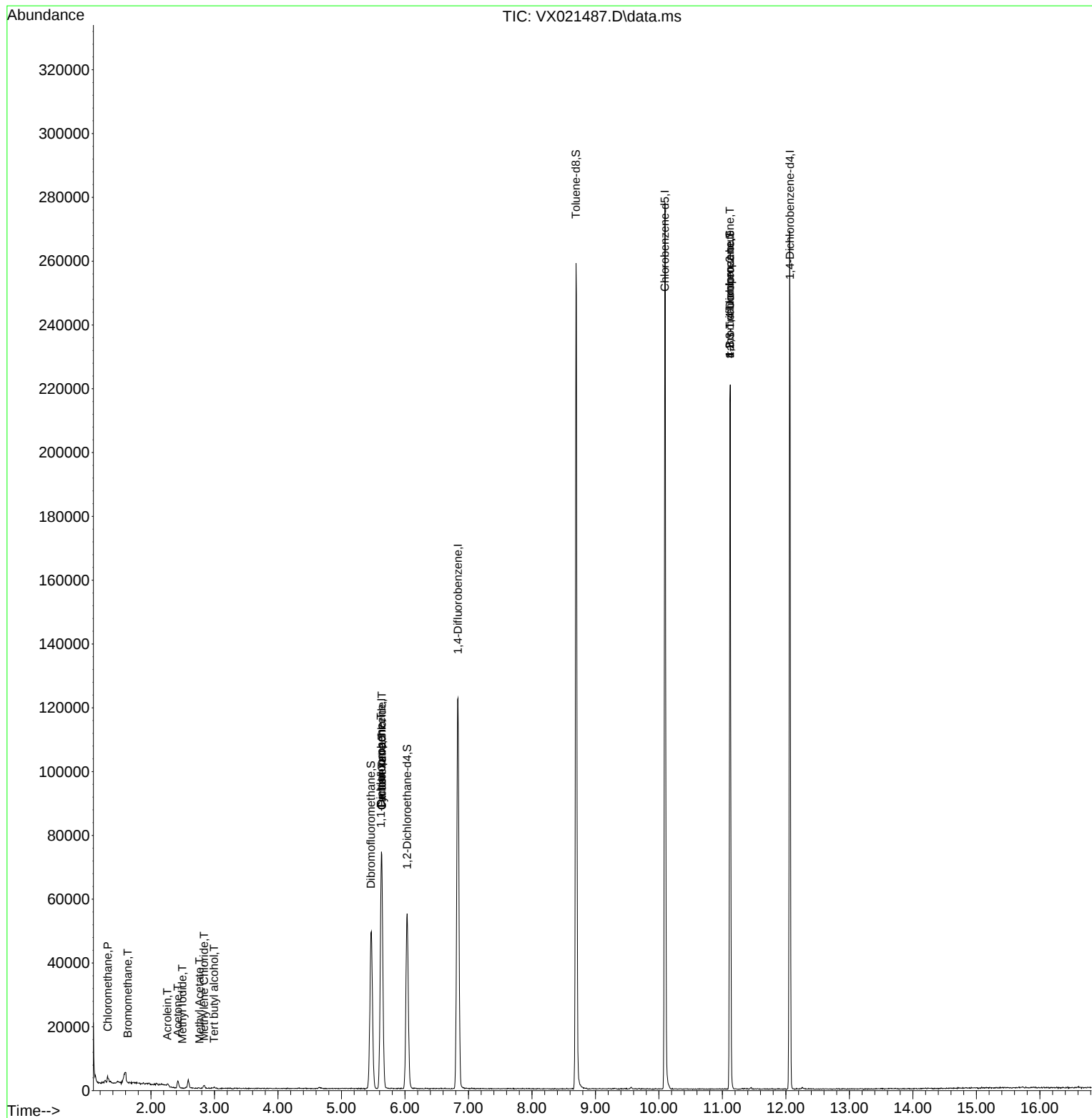
Internal Standards						
1) Pentafluorobenzene	5.629	168	63299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	116389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	117351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	50800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	54537	51.78	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.56%	
35) Dibromofluoromethane	5.464	113	41203	49.84	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.68%	
50) Toluene-d8	8.694	98	146706	49.80	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.60%	
62) 4-Bromofluorobenzene	11.118	95	58056	50.69	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.38%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	2214	2.81	ug/l #	80
5) Bromomethane	1.634	94	77	0.27	ug/l	93
10) Methyl Iodide	2.493	142	27	6.69	ug/l #	42
11) Tert butyl alcohol	2.993	59	175	1.01	ug/l #	73
13) Acrolein	2.258	56	80	5.19	ug/l #	55
16) Acetone	2.423	43	2380	5.98	ug/l	89
18) Methyl Acetate	2.764	43	256	0.22	ug/l #	47
20) Methylene Chloride	2.835	84	428	0.55	ug/l #	68
31) Cyclohexane	5.635	56	1802	1.56	ug/l #	32
36) 1,1-Dichloropropene	5.623	75	5730	5.02	ug/l #	48
38) Carbon Tetrachloride	5.635	117	7166	5.85	ug/l #	18
76) 1,2,3-Trichloropropane	11.118	75	32547	27.52	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	32547	83.83	ug/l #	12

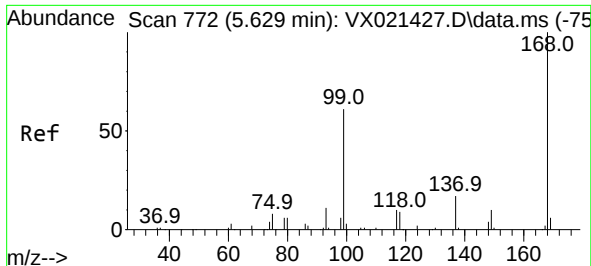
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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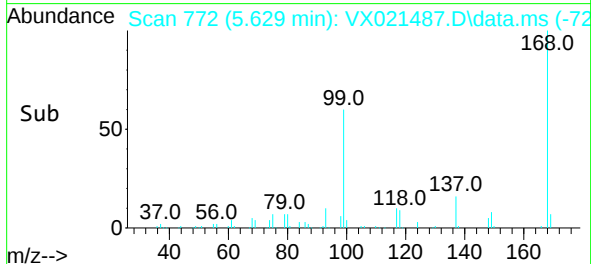
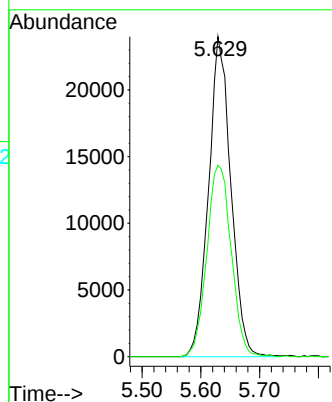
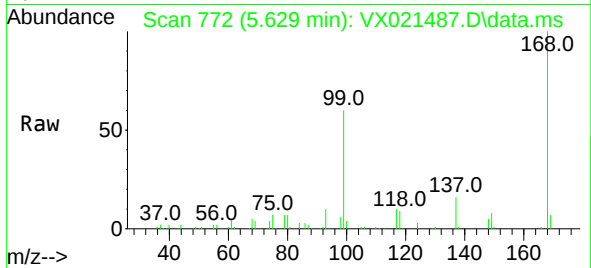




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.000 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

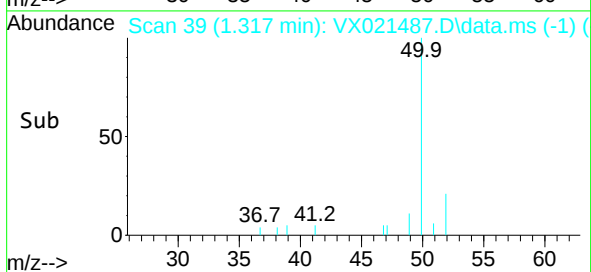
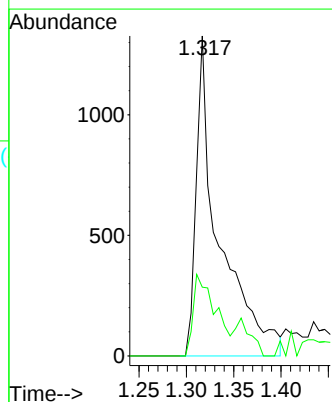
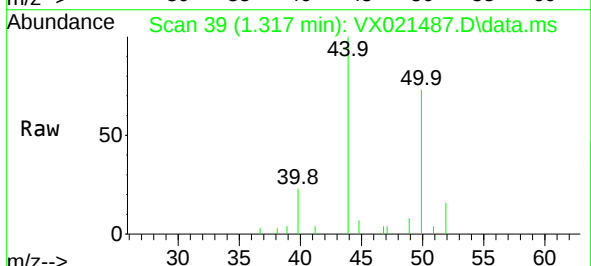
Instrument :
MSVOA_X
ClientSampled :

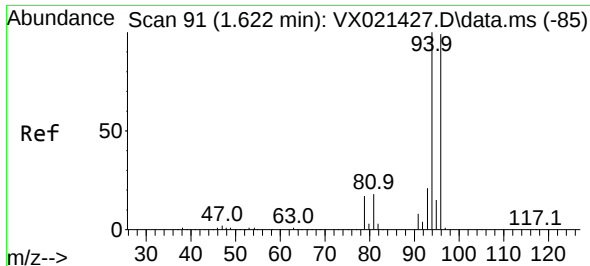
Tgt Ion:168 Resp: 63299
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6



#3
Chloromethane
Concen: 2.81 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

Tgt Ion: 50 Resp: 2214
Ion Ratio Lower Upper
50 100
52 21.5 26.4 39.6#

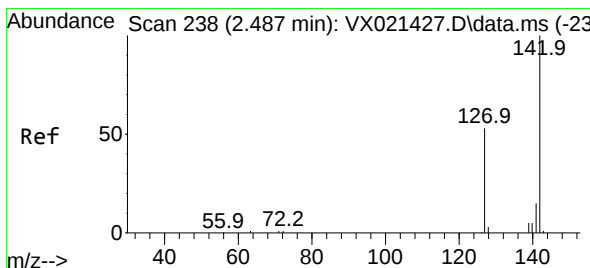
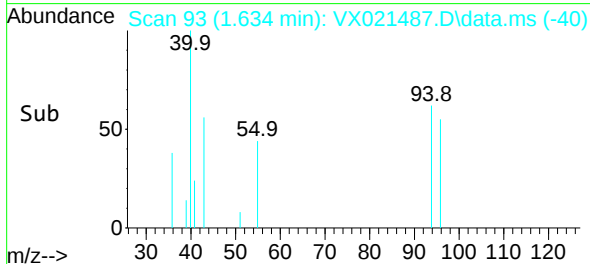
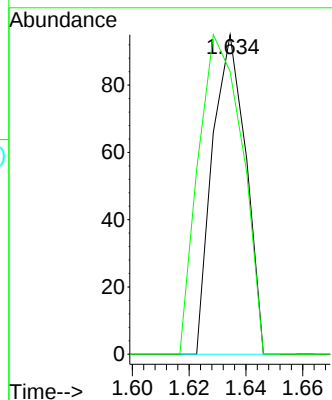
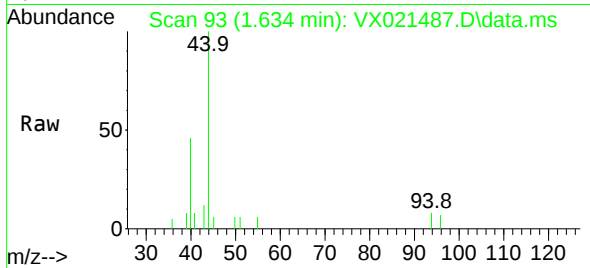




#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

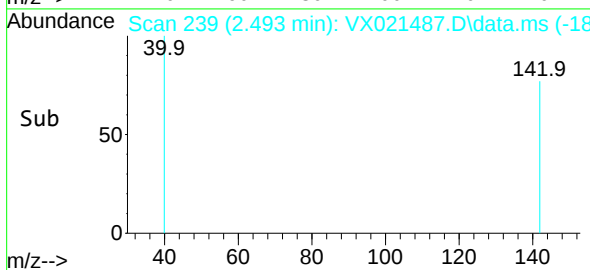
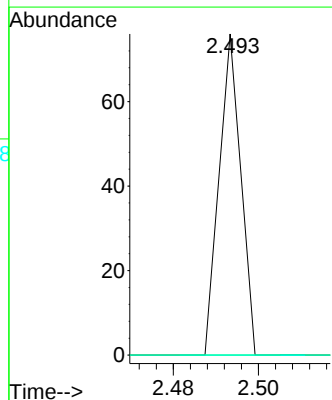
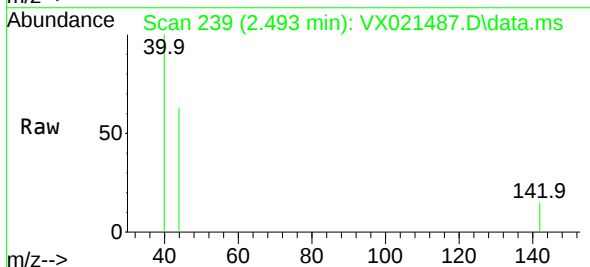
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 94 Resp: 77
Ion Ratio Lower Upper
94 100
96 88.4 76.4 114.6



#10
Methyl Iodide
Concen: 6.69 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

Tgt Ion: 142 Resp: 27
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



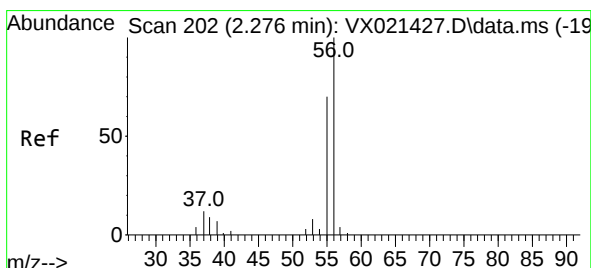
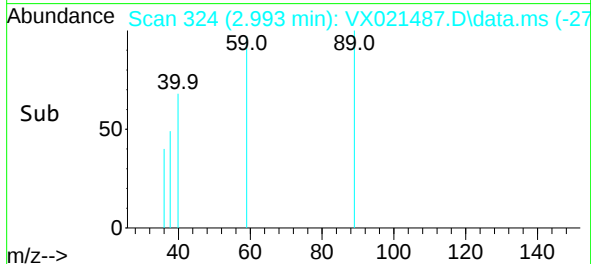
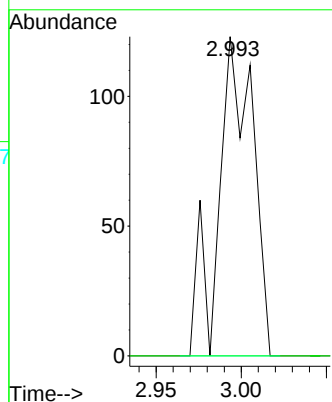
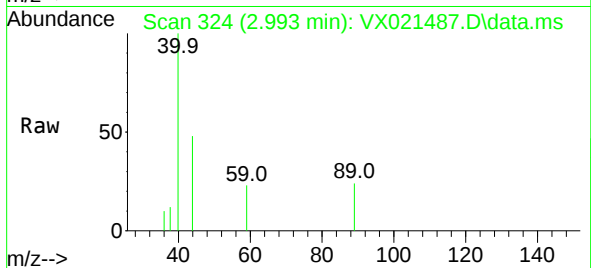


#11

Tert butyl alcohol
Concen: 1.01 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.030 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

Instrument :
MSVOA_X
ClientSampled :

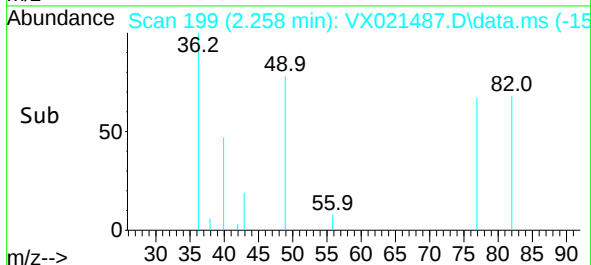
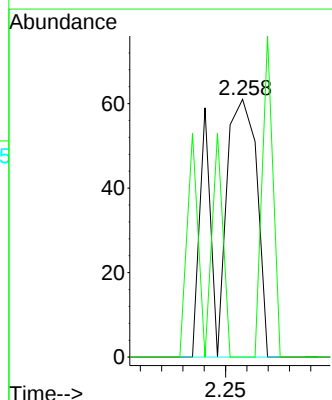
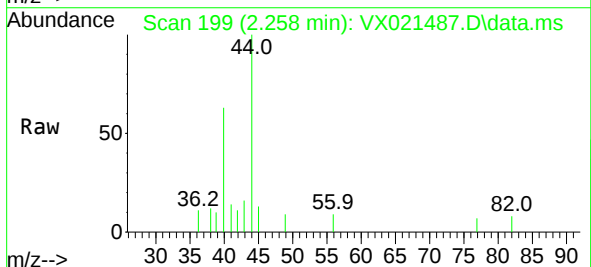
Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13

Acrolein
Concen: 5.19 ug/l
RT: 2.258 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 33.8 56.4 84.6#

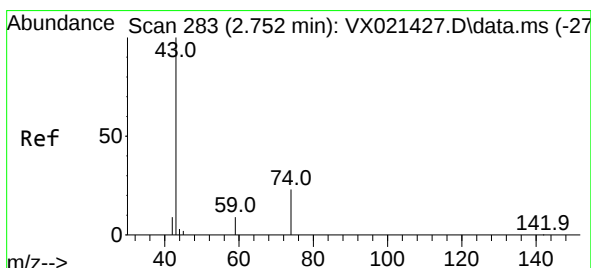
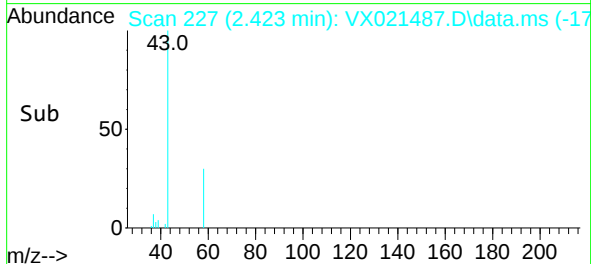
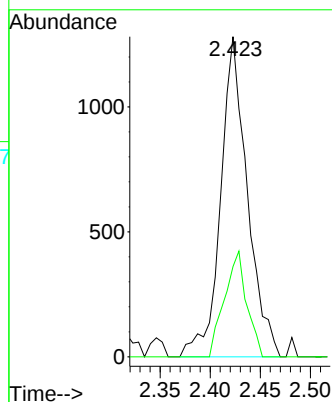
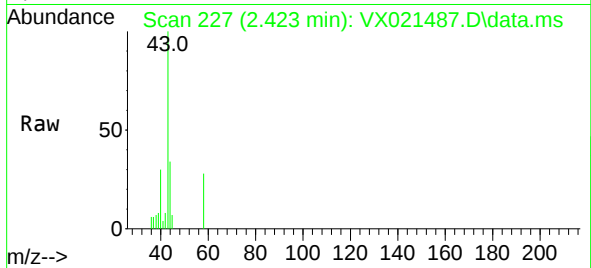




#16
Acetone
Concen: 5.98 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

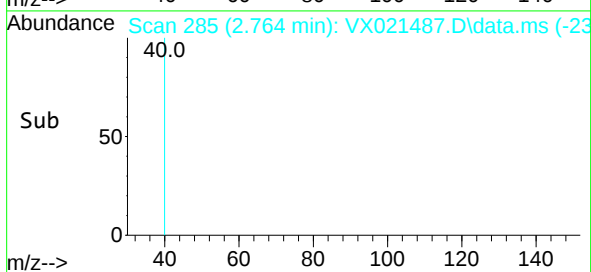
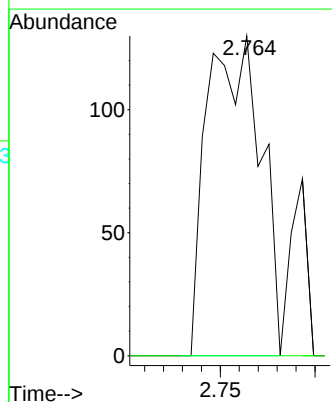
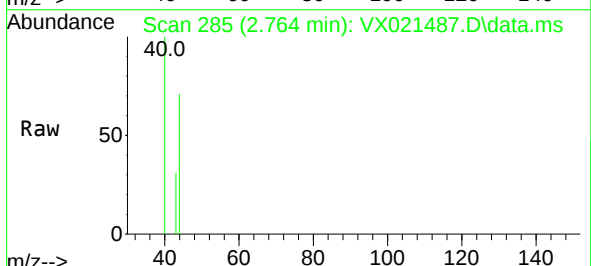
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 43 Resp: 2380
Ion Ratio Lower Upper
43 100
58 28.2 27.8 41.8



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.764 min Scan# 285
Delta R.T. 0.012 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

Tgt Ion: 43 Resp: 256
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.55 ug/l

RT: 2.835 min Scan# 297

Delta R.T. 0.001 min

Lab File: VX021487.D

Acq: 25 Mar 2021 15:40

Tgt Ion: 84 Resp: 428

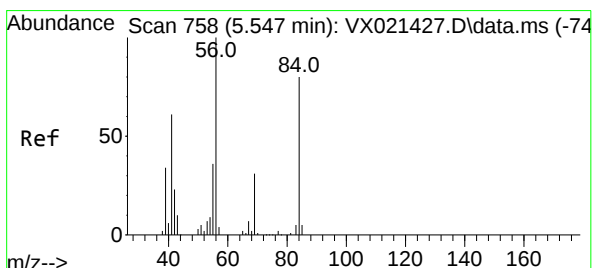
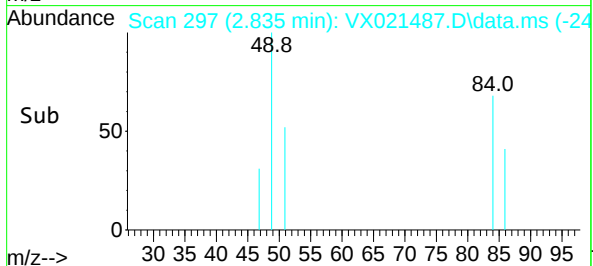
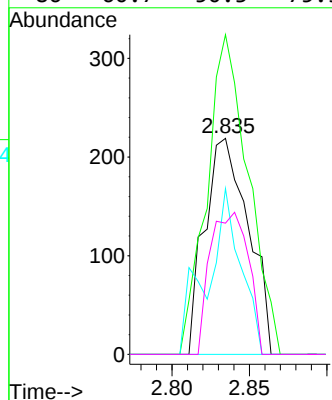
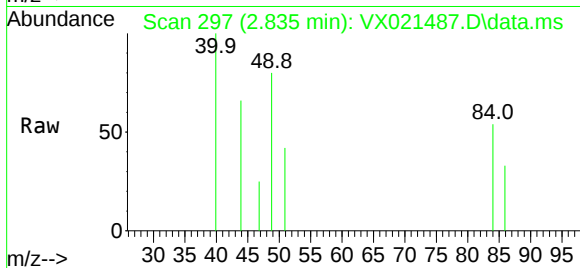
Ion Ratio Lower Upper

84 100

49 147.9 88.6 132.8#

51 76.7 27.0 40.6#

86 60.7 50.3 75.5



#31

Cyclohexane

Concen: 1.56 ug/l

RT: 5.635 min Scan# 773

Delta R.T. 0.088 min

Lab File: VX021487.D

Acq: 25 Mar 2021 15:40

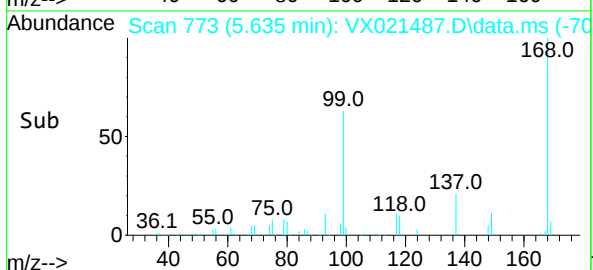
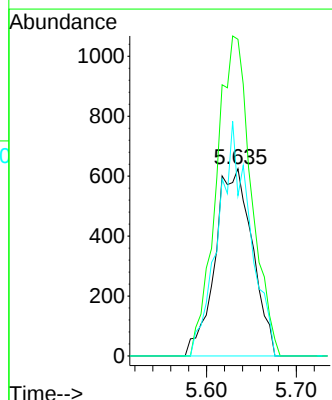
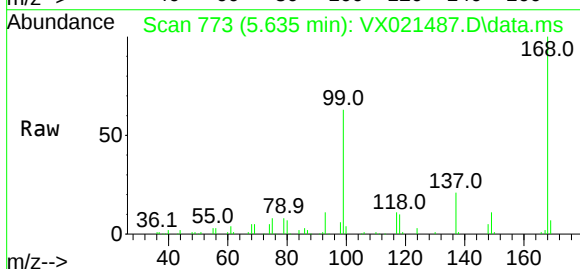
Tgt Ion: 56 Resp: 1802

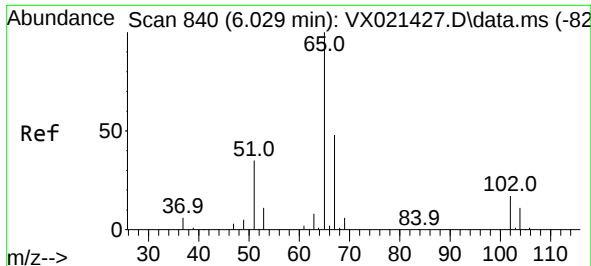
Ion Ratio Lower Upper

56 100

69 169.1 25.3 37.9#

84 85.6 71.4 107.0

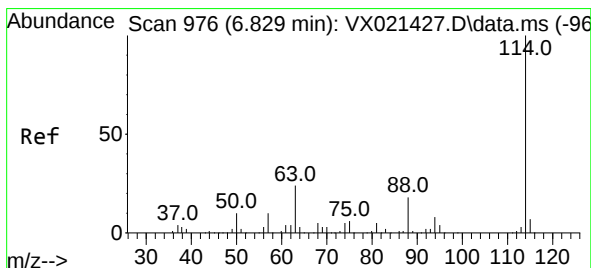
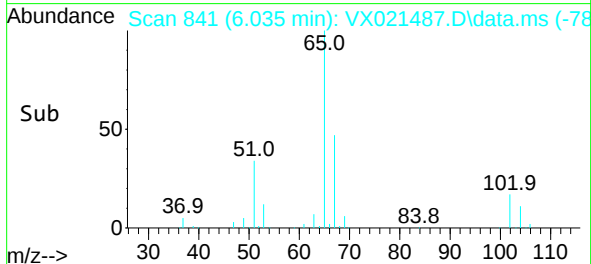
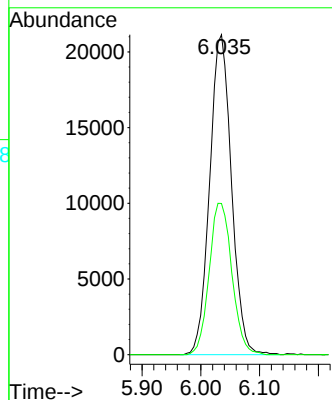
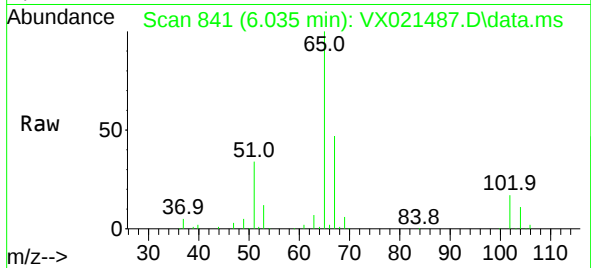




#33
1,2-Dichloroethane-d4
Concen: 51.78 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

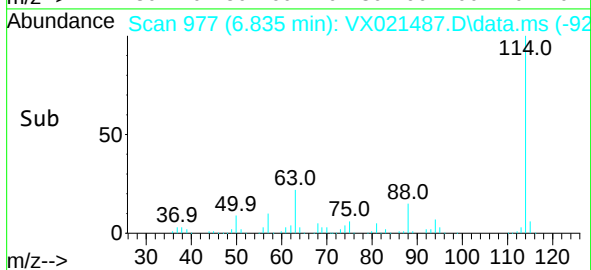
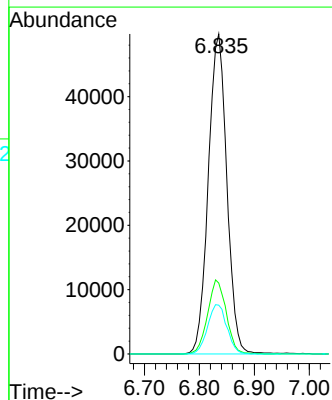
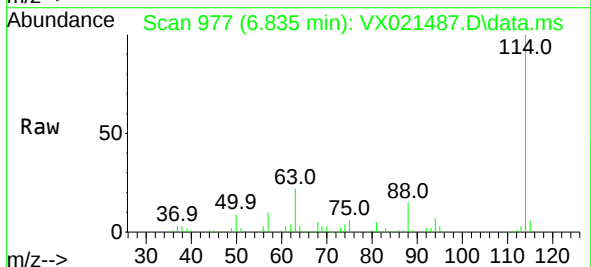
Instrument :
MSVOA_X
ClientSampled :

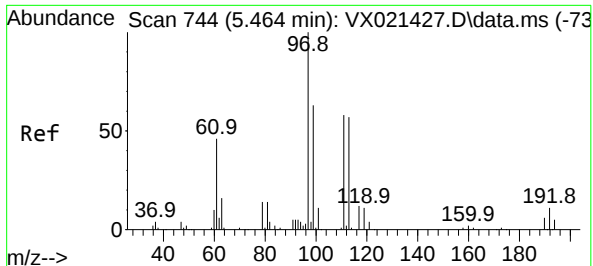
Tgt Ion: 65 Resp: 54537
Ion Ratio Lower Upper
65 100
67 49.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

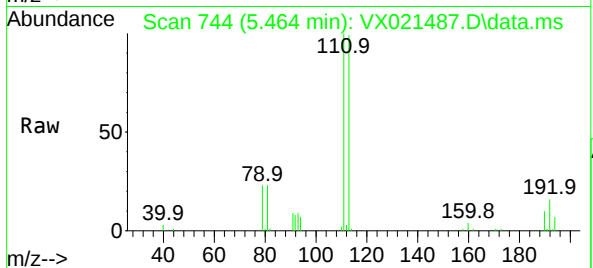
Tgt Ion: 114 Resp: 116389
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.8
88 15.3 0.0 32.8



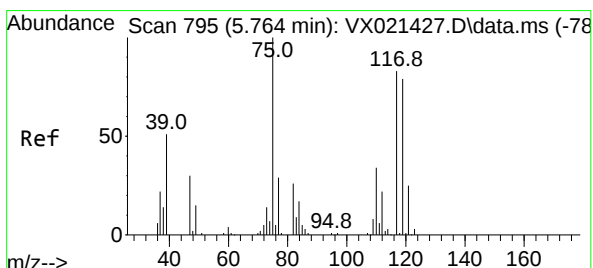
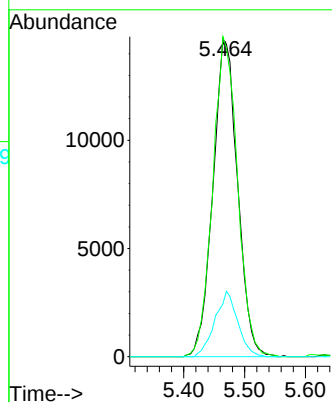
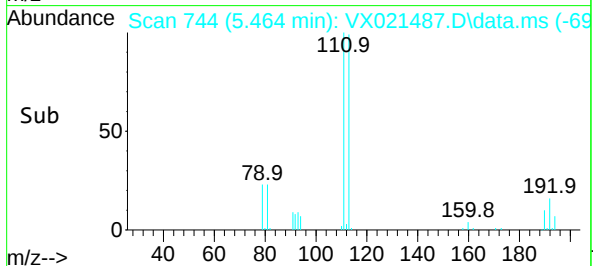


#35
Dibromofluoromethane
Concen: 49.84 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

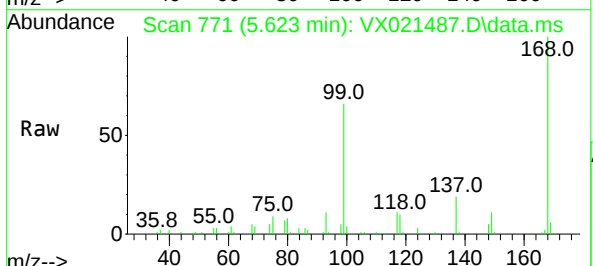
Instrument :
MSVOA_X
ClientSampled :



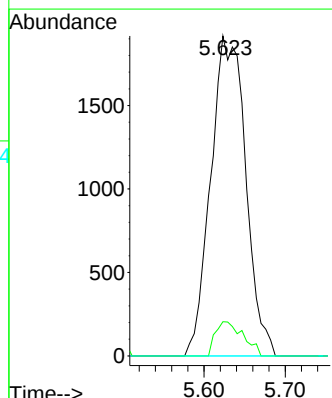
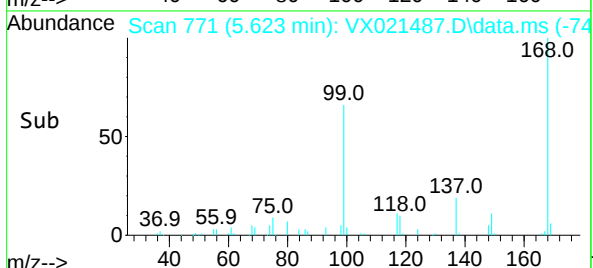
Tgt Ion:113 Resp: 41203
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 19.0 16.7 25.1

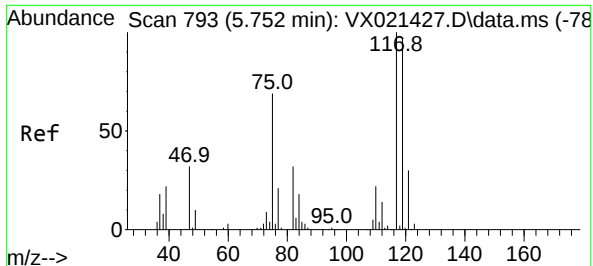


#36
1,1-Dichloropropene
Concen: 5.02 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.141 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40



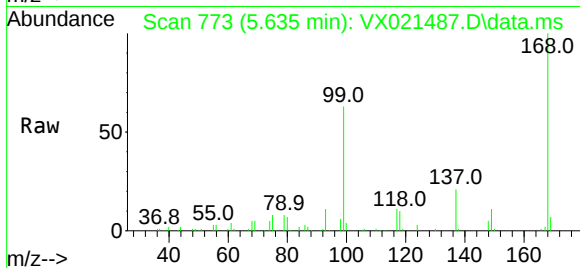
Tgt Ion: 75 Resp: 5730
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



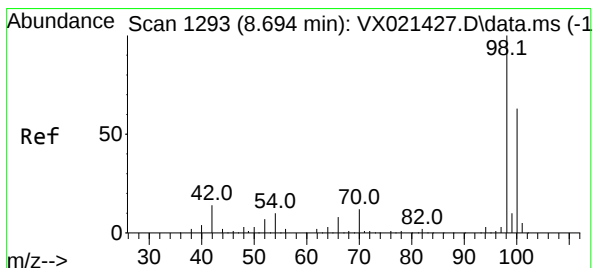
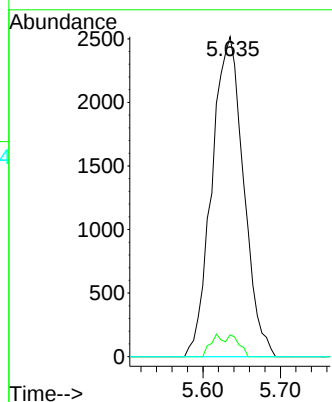
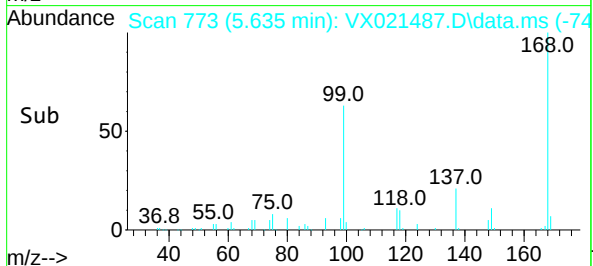


#38
Carbon Tetrachloride
Concen: 5.85 ug/l
RT: 5.635 min Scan# 773
Delta R.T. -0.117 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

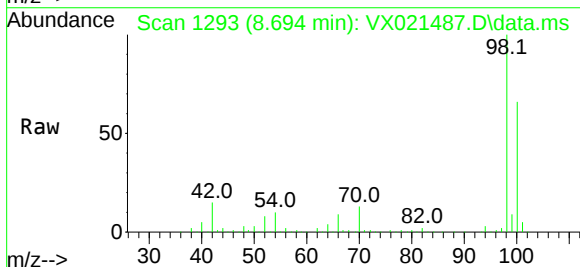
Instrument :
MSVOA_X
ClientSampled :



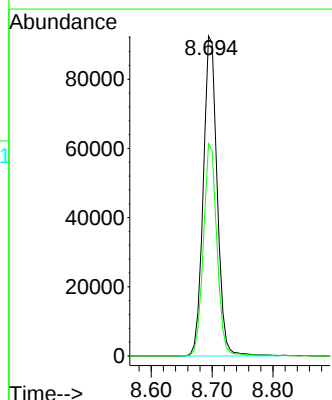
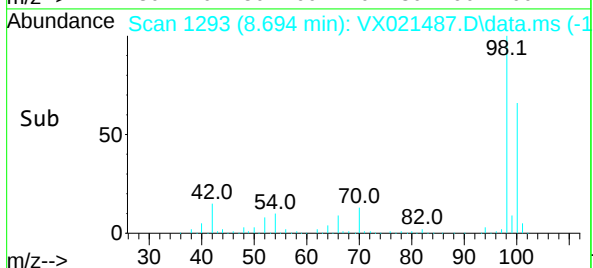
Tgt Ion:117 Resp: 7166
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#

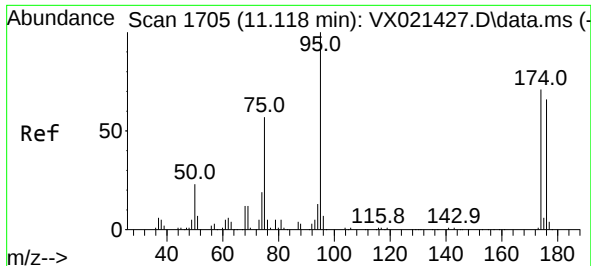


#50
Toluene-d8
Concen: 49.80 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40



Tgt Ion: 98 Resp: 146706
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

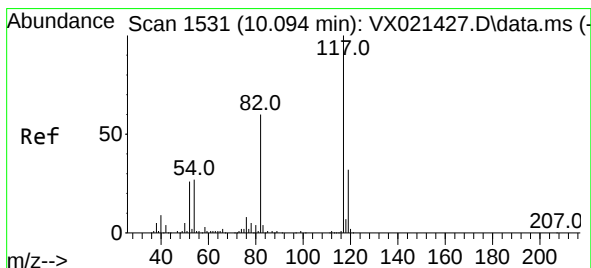
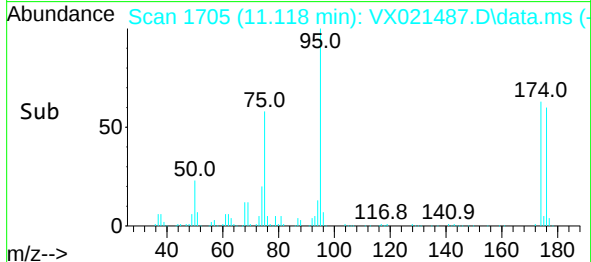
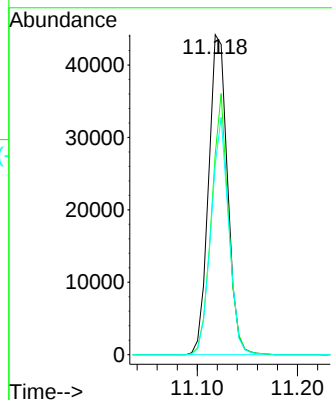
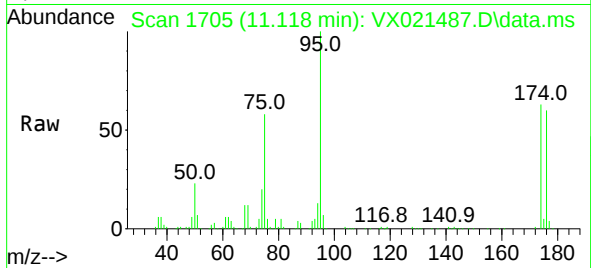




#62
4-Bromofluorobenzene
Concen: 50.69 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

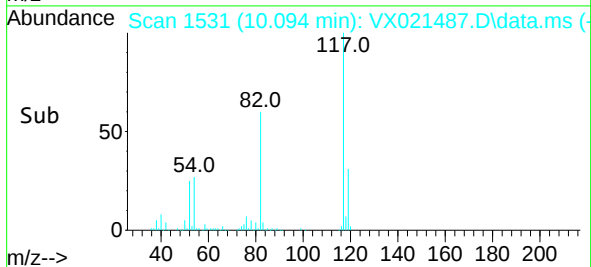
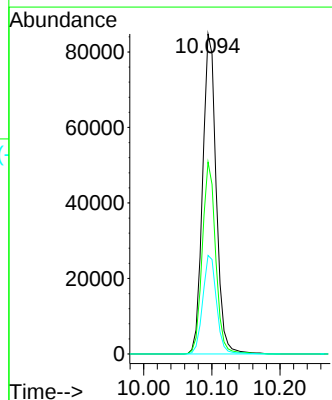
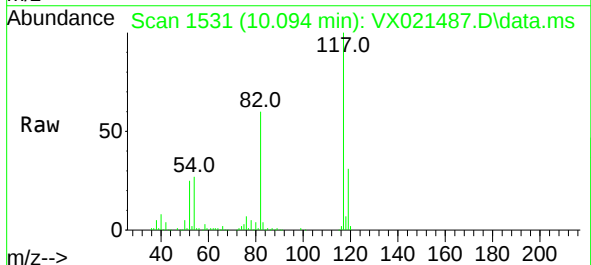
Instrument :
MSVOA_X
ClientSampled :

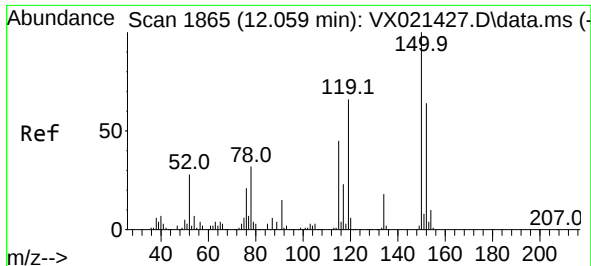
Tgt Ion: 95 Resp: 58056
Ion Ratio Lower Upper
95 100
174 73.2 0.0 154.6
176 69.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

Tgt Ion: 117 Resp: 117351
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 30.8 26.6 39.8

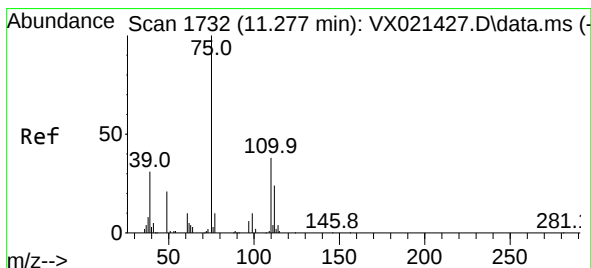
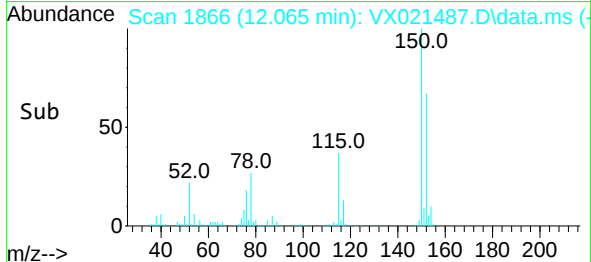
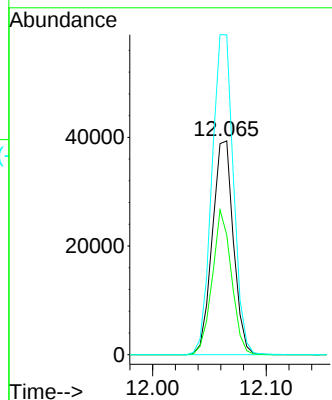
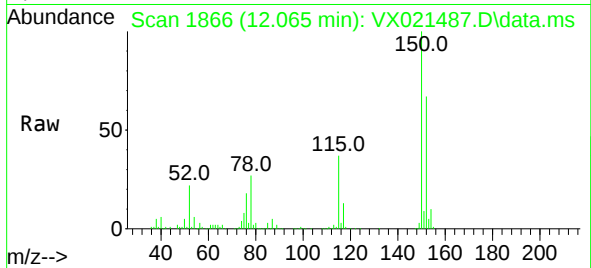




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.065 min Scan# 1866
 Delta R.T. 0.006 min
 Lab File: VX021487.D
 Acq: 25 Mar 2021 15:40

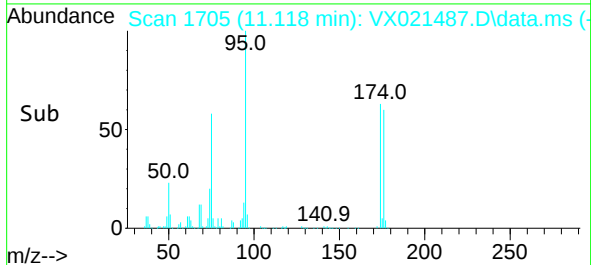
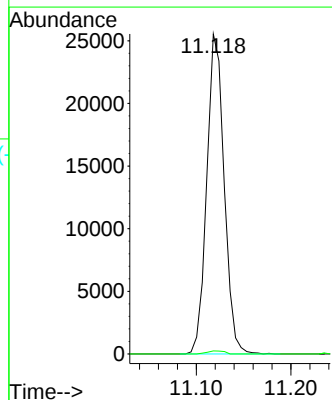
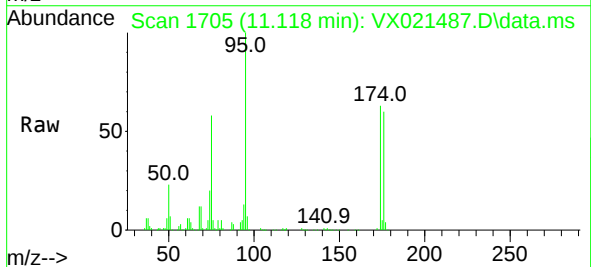
Instrument :
 MSVOA_X
 ClientSampled :

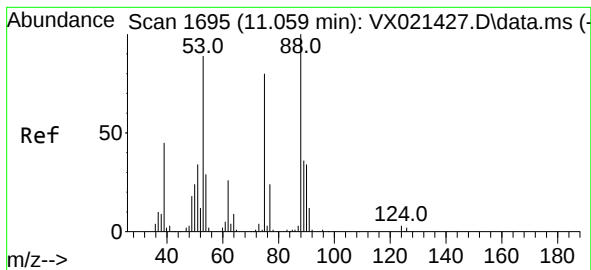
Tgt Ion:152 Resp: 50800
 Ion Ratio Lower Upper
 152 100
 115 61.5 41.1 123.3
 150 152.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.52 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021487.D
 Acq: 25 Mar 2021 15:40

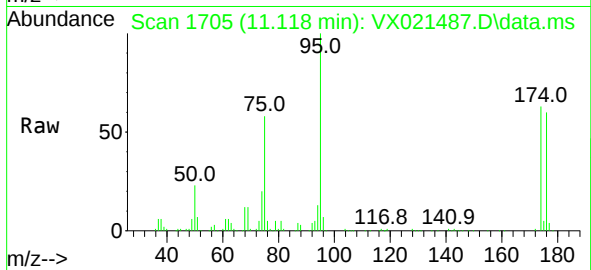
Tgt Ion: 75 Resp: 32547
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 83.83 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021487.D
Acq: 25 Mar 2021 15:40

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 32547
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

