

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021498.D
 Acq On : 25 Mar 2021 19:49
 Operator : JC/MD
 Sample : M1735-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 03:18:20 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)

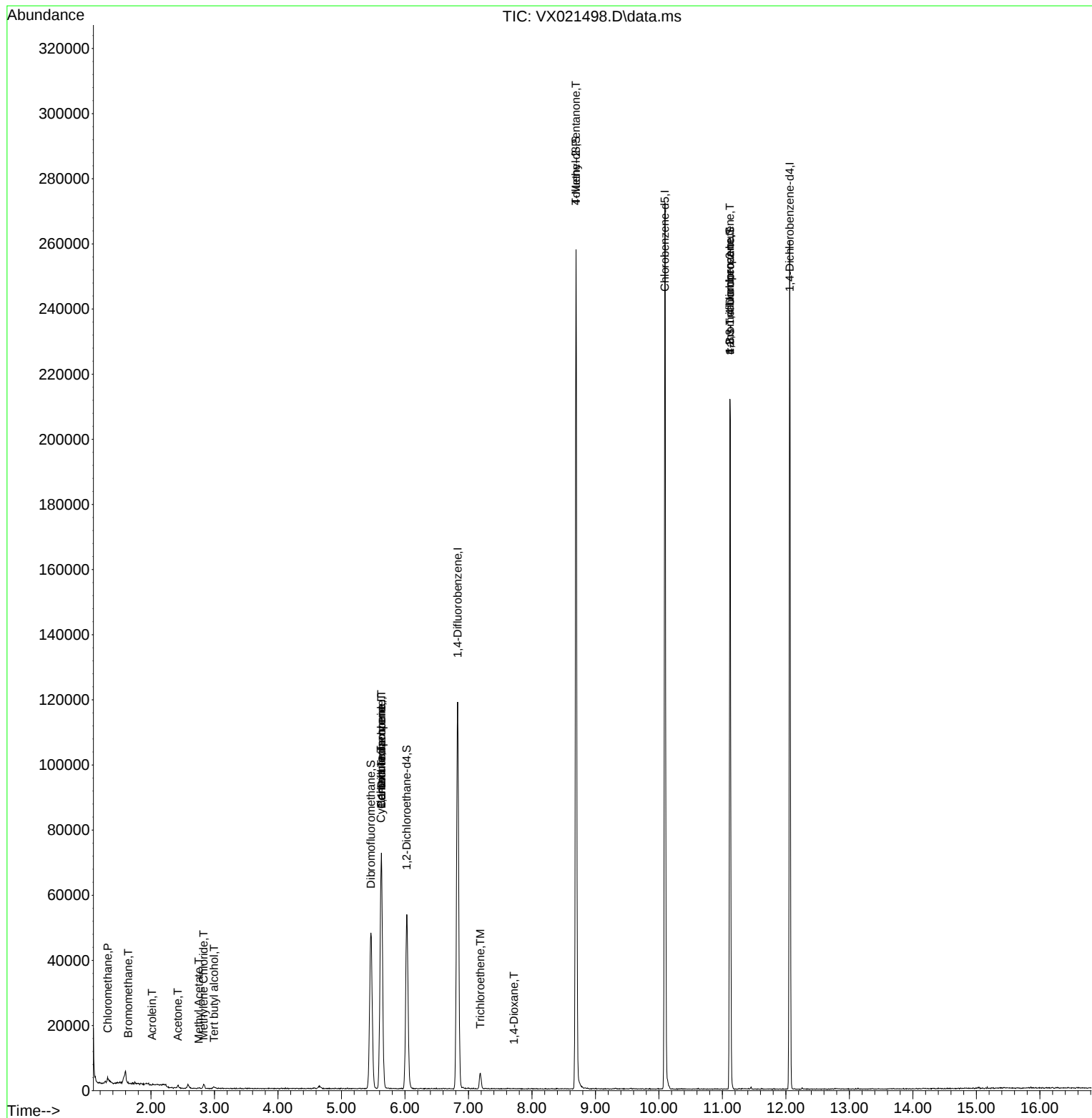
Internal Standards						
1) Pentafluorobenzene	5.629	168	60506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	109308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52209	51.86	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.72%	
35) Dibromofluoromethane	5.464	113	39949	51.45	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.90%	
50) Toluene-d8	8.694	98	143777	51.96	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.92%	
62) 4-Bromofluorobenzene	11.118	95	55248	51.36	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.72%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1596	2.13	ug/l	91
5) Bromomethane	1.640	94	72	0.26	ug/l #	2
11) Tert butyl alcohol	2.993	59	301	1.81	ug/l #	73
13) Acrolein	2.017	56	41	4.78	ug/l #	14
16) Acetone	2.423	43	757	1.99	ug/l	99
18) Methyl Acetate	2.752	43	287	0.26	ug/l #	47
20) Methylene Chloride	2.829	84	451	0.61	ug/l #	83
31) Cyclohexane	5.623	56	1745	1.58	ug/l #	23
36) 1,1-Dichloropropene	5.629	75	5532	5.17	ug/l #	49
38) Carbon Tetrachloride	5.629	117	6571	5.71	ug/l #	18
44) Trichloroethene	7.188	130	1669	2.08	ug/l	93
49) 1,4-Dioxane	7.717	88	74	3.85	ug/l #	81
51) 4-Methyl-2-Pentanone	8.694	43	931	0.75	ug/l #	1
76) 1,2,3-Trichloropropane	11.118	75	31847	29.09	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31847	88.59	ug/l #	12

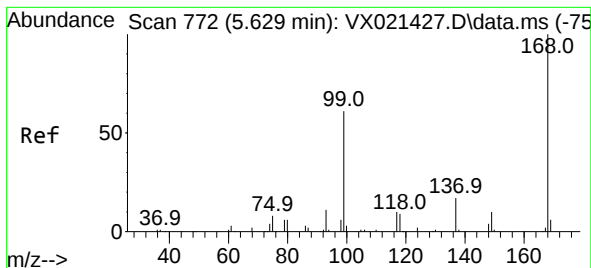
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

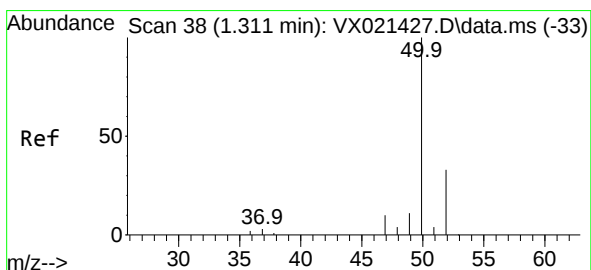
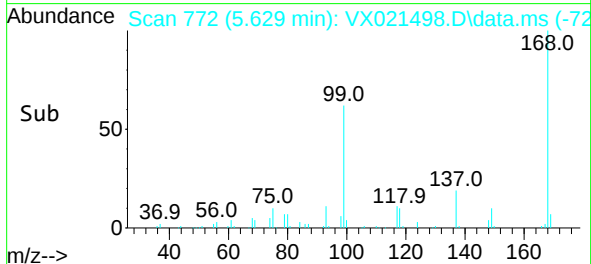
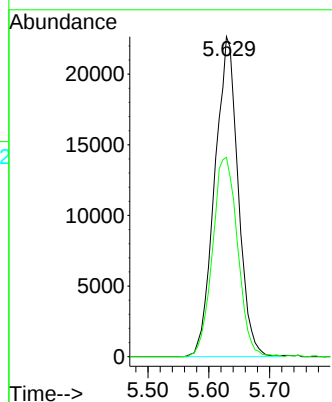
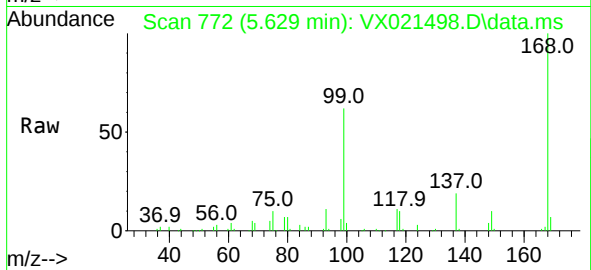




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

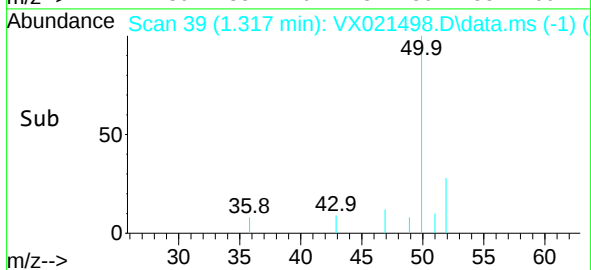
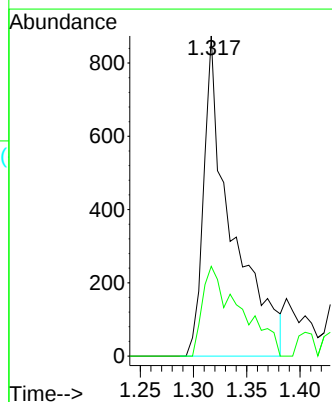
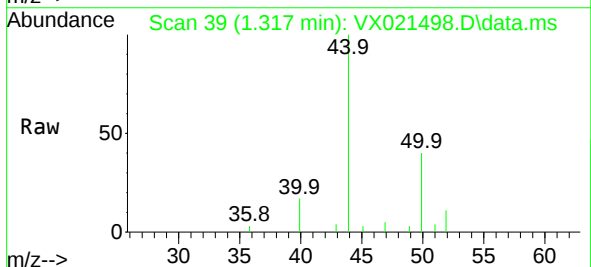
Instrument :
MSVOA_X
ClientSampled :

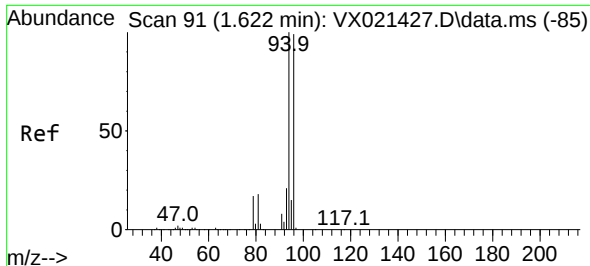
Tgt Ion:168 Resp: 60506
Ion Ratio Lower Upper
168 100
99 62.3 45.8 68.6



#3
Chloromethane
Concen: 2.13 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

Tgt Ion: 50 Resp: 1596
Ion Ratio Lower Upper
50 100
52 28.0 26.4 39.6

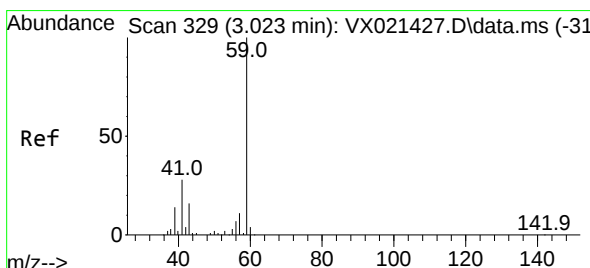
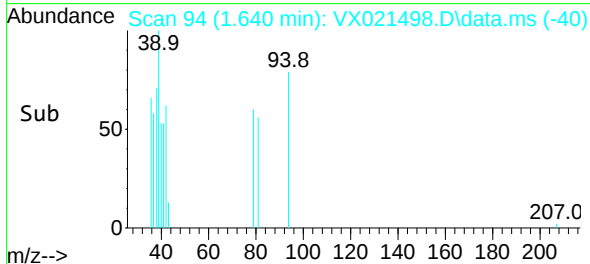
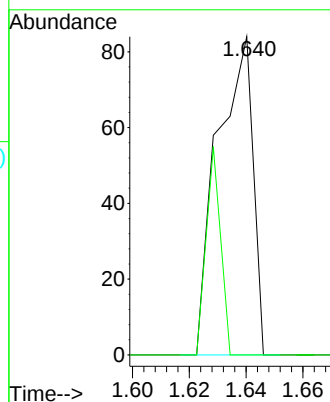
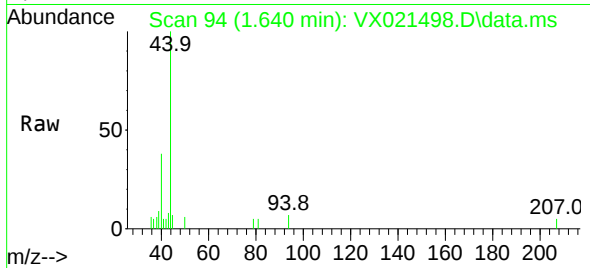




#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.018 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

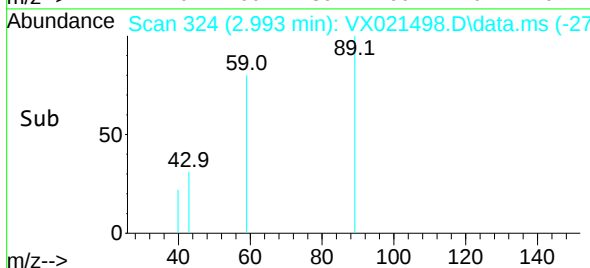
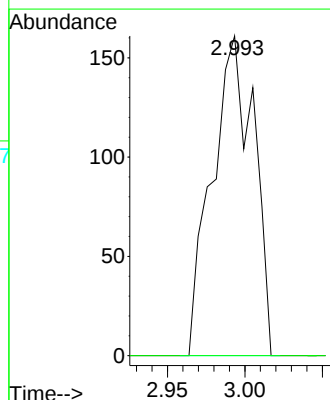
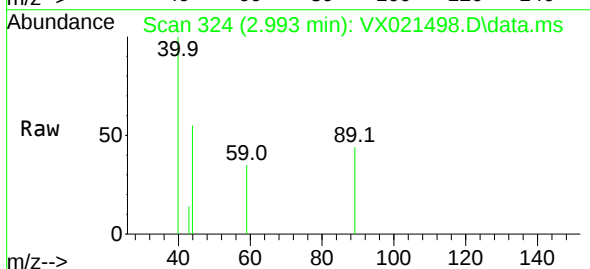
Instrument :
MSVOA_X
ClientSampled :

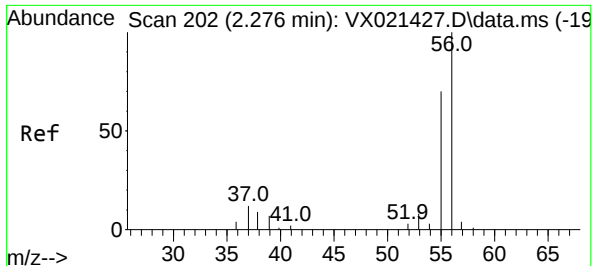
Tgt Ion: 94 Resp: 72
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#11
Tert butyl alcohol
Concen: 1.81 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.030 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

Tgt Ion: 59 Resp: 301
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

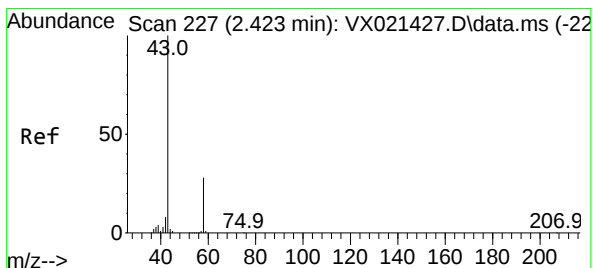
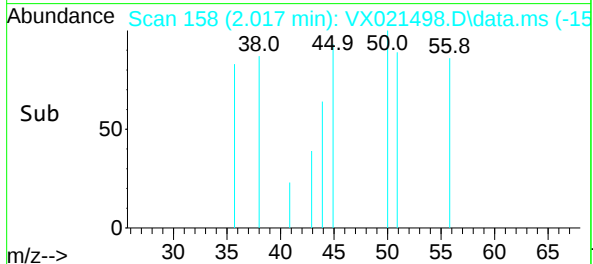
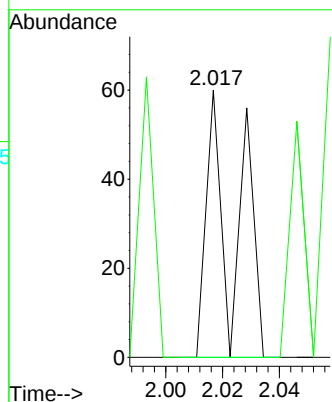
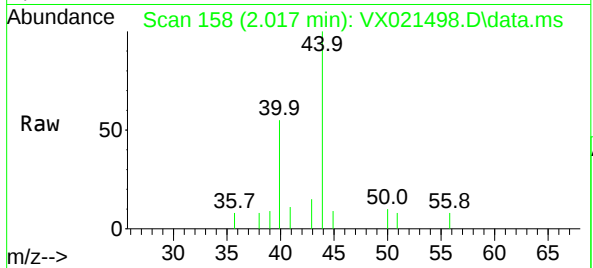




#13
Acrolein
Concen: 4.78 ug/l
RT: 2.017 min Scan# 158
Delta R.T. -0.259 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

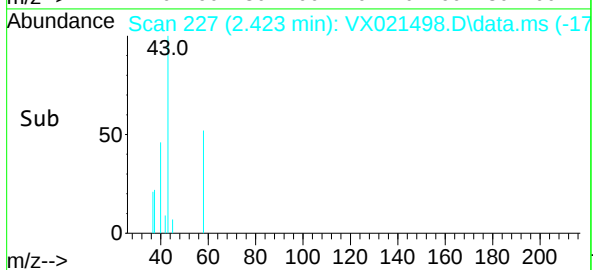
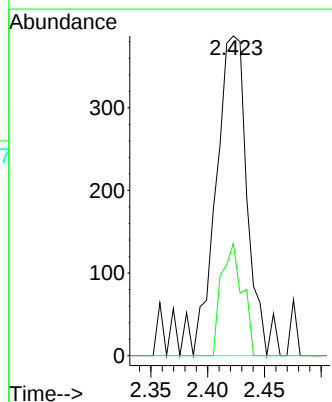
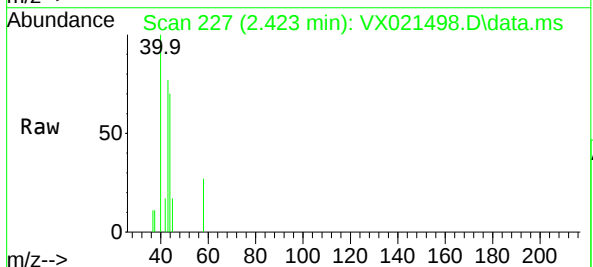
Instrument :
MSVOA_X
ClientSampled :

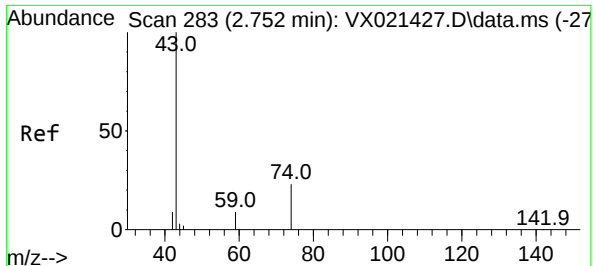
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.99 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

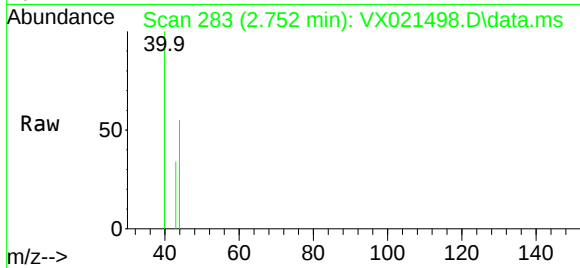
Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8



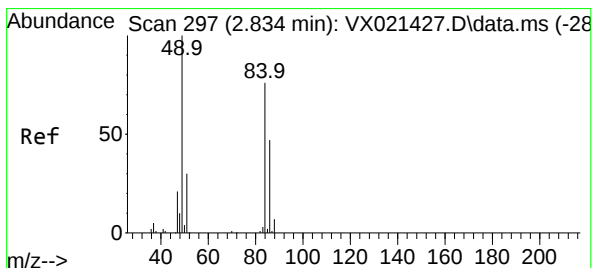
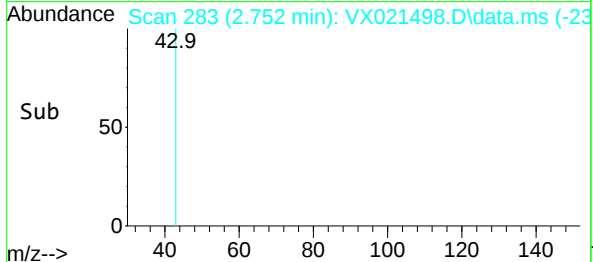
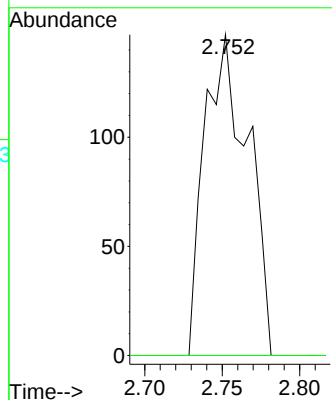


#18
Methyl Acetate
Concen: 0.26 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

Instrument :
MSVOA_X
ClientSampled :

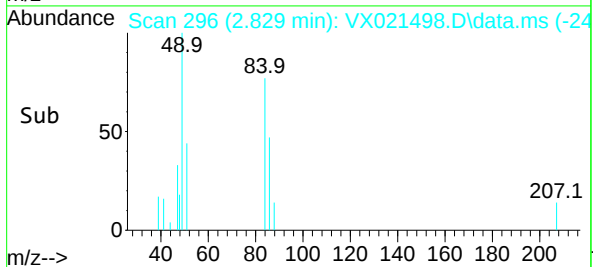
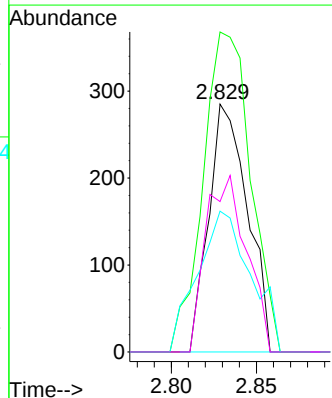
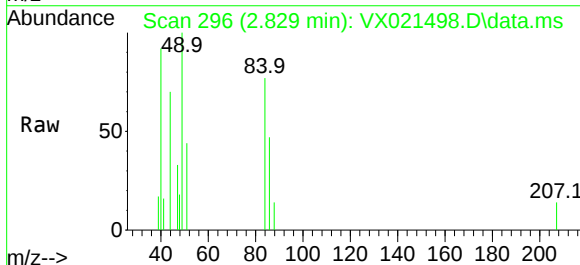


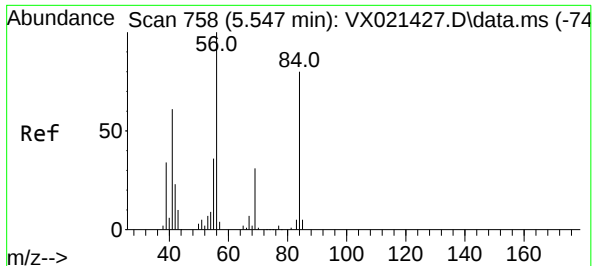
Tgt Ion: 43 Resp: 287
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.61 ug/l
RT: 2.829 min Scan# 296
Delta R.T. -0.005 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

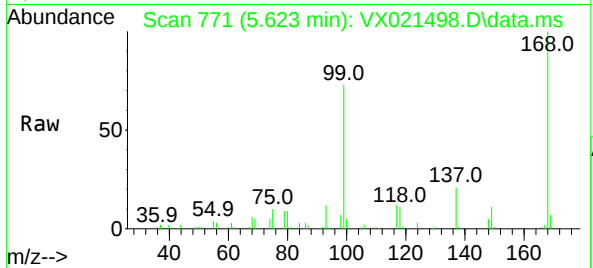
Tgt Ion: 84 Resp: 451
Ion Ratio Lower Upper
84 100
49 129.1 88.6 132.8
51 56.8 27.0 40.6#
86 60.7 50.3 75.5



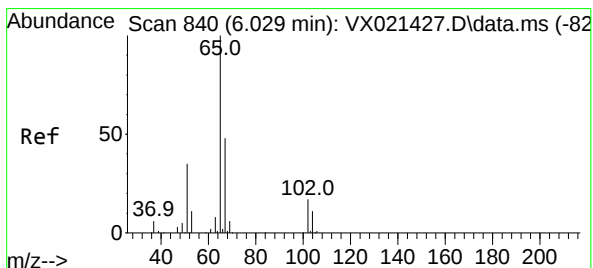
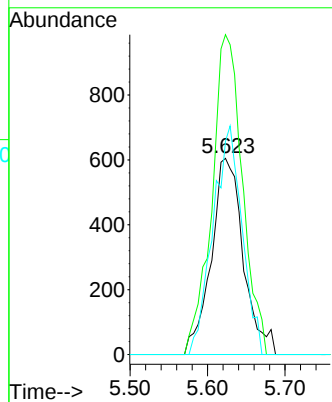
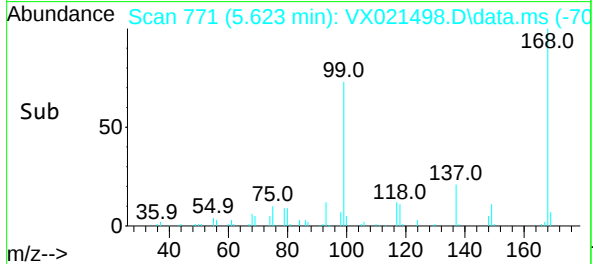


#31
Cyclohexane
Concen: 1.58 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

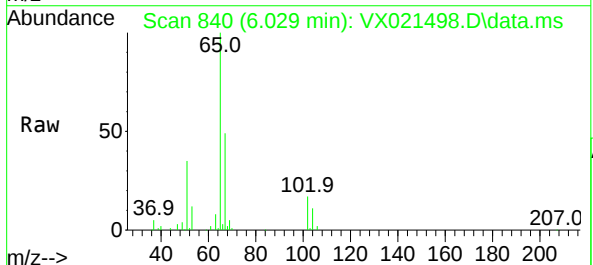
Instrument :
MSVOA_X
ClientSampled :



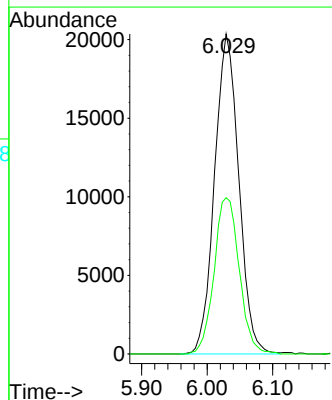
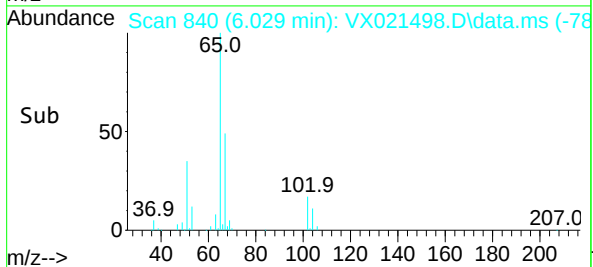
Tgt Ion: 56 Resp: 1745
Ion Ratio Lower Upper
56 100
69 163.0 25.3 37.9#
84 108.6 71.4 107.0#

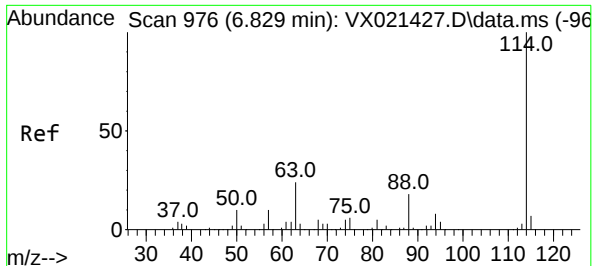


#33
1,2-Dichloroethane-d4
Concen: 51.86 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49



Tgt Ion: 65 Resp: 52209
Ion Ratio Lower Upper
65 100
67 50.7 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: VX021498.D

Acq: 25 Mar 2021 19:49

Tgt Ion:114 Resp: 109308

Ion Ratio Lower Upper

114 100

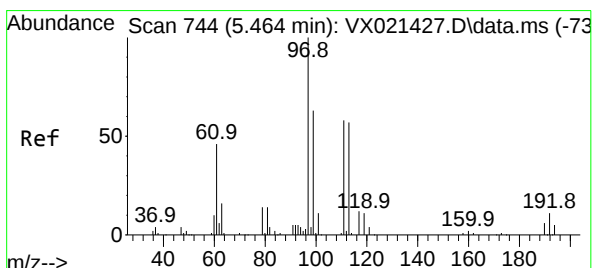
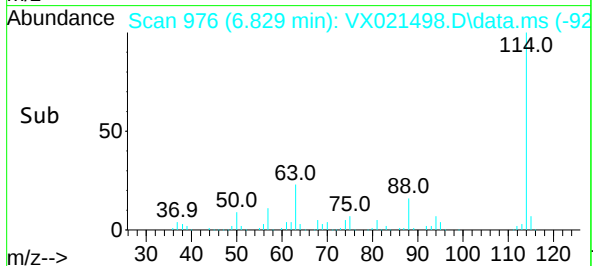
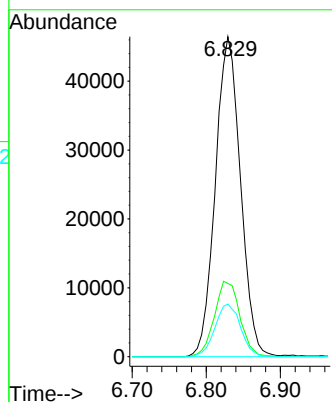
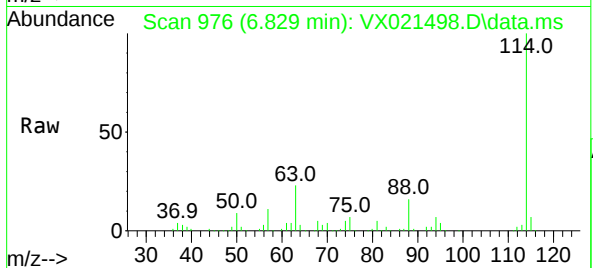
63 22.9 0.0 40.8

88 16.5 0.0 32.8

Instrument :

MSVOA_X

ClientSampled :



#35

Dibromofluoromethane

Concen: 51.45 ug/l

RT: 5.464 min Scan# 744

Delta R.T. 0.000 min

Lab File: VX021498.D

Acq: 25 Mar 2021 19:49

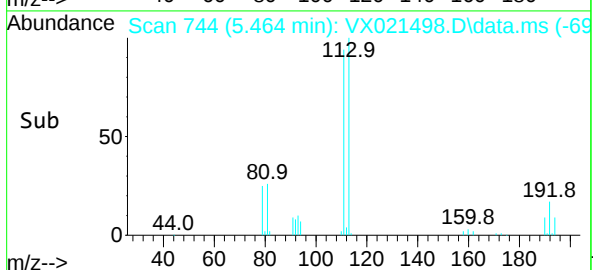
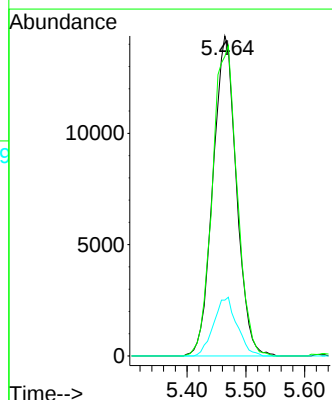
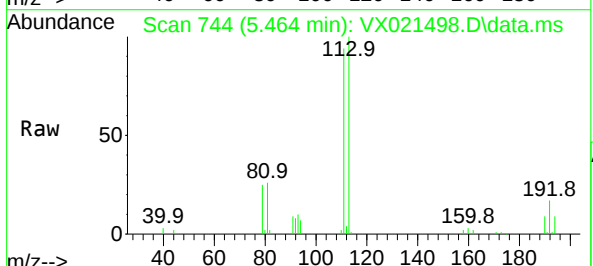
Tgt Ion:113 Resp: 39949

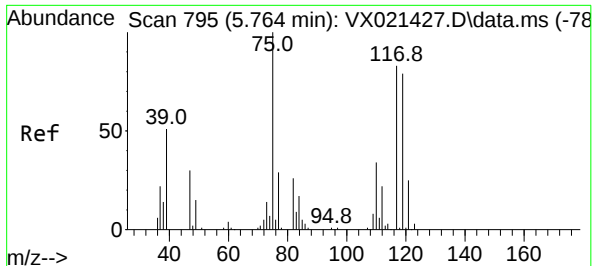
Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

192 18.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.17 ug/l

RT: 5.629 min Scan# 772

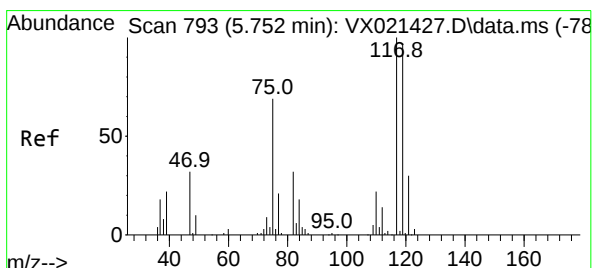
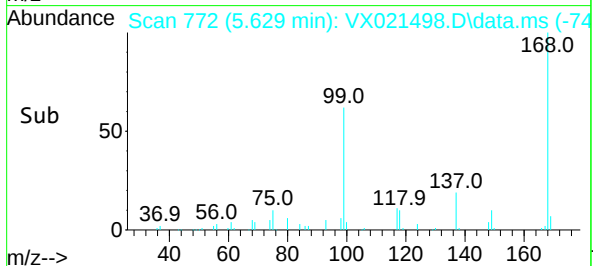
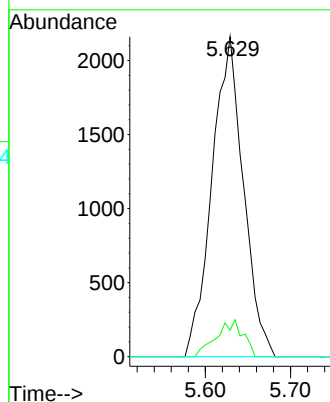
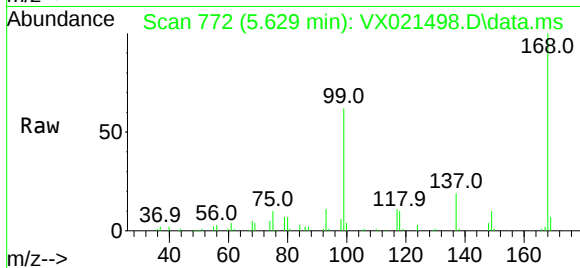
Delta R.T. -0.135 min

Lab File: VX021498.D

Acq: 25 Mar 2021 19:49

Tgt Ion:	75	Resp:	5532
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.71 ug/l

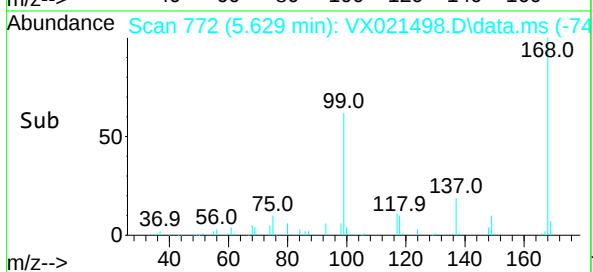
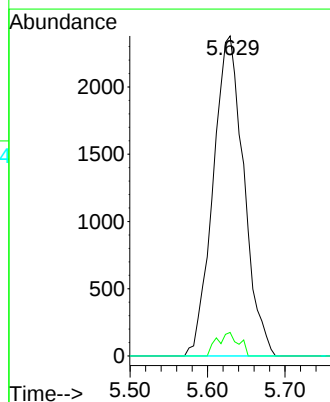
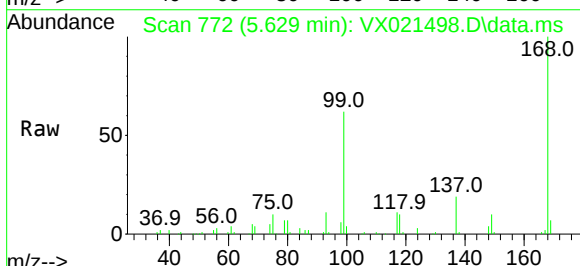
RT: 5.629 min Scan# 772

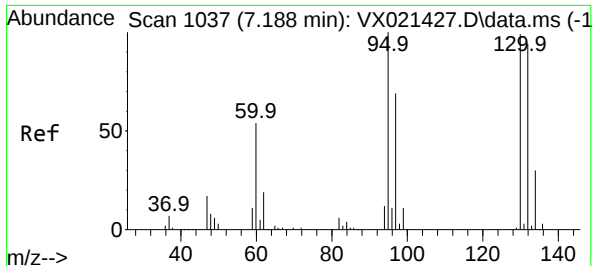
Delta R.T. -0.123 min

Lab File: VX021498.D

Acq: 25 Mar 2021 19:49

Tgt Ion:	117	Resp:	6571
Ion	Ratio	Lower	Upper
117	100		
119	7.4	76.2	114.2#
121	0.0	24.8	37.2#

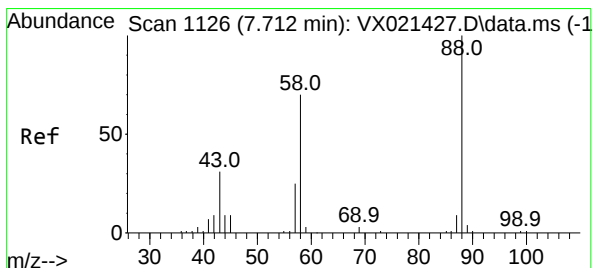
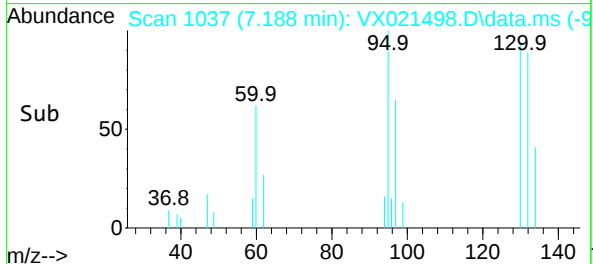
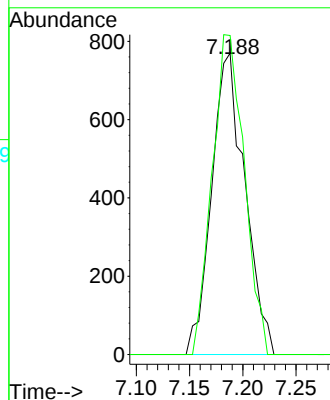
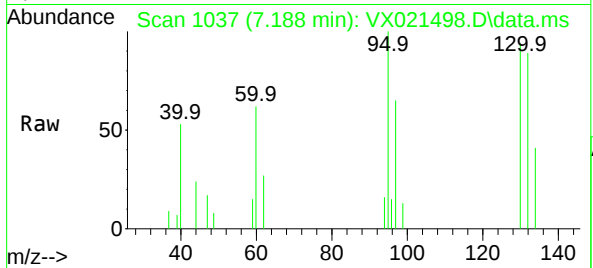




#44
Trichloroethene
Concen: 2.08 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

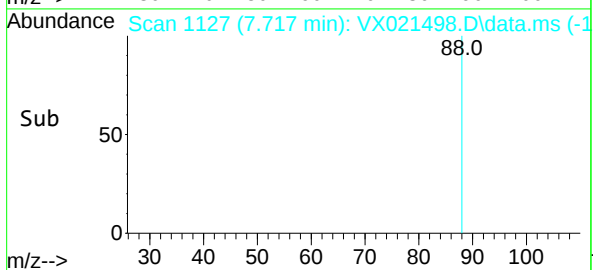
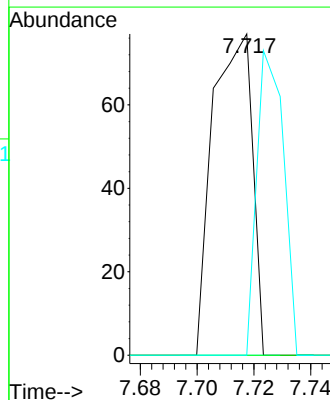
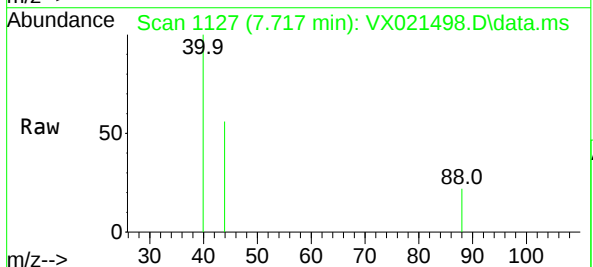
Instrument :
MSVOA_X
ClientSampled :

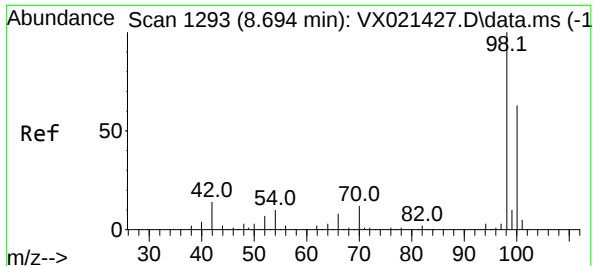
Tgt Ion:130 Resp: 1669
Ion Ratio Lower Upper
130 100
95 105.8 0.0 198.0



#49
1,4-Dioxane
Concen: 3.85 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

Tgt Ion: 88 Resp: 74
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 64.9 55.0 82.4





#50

Toluene-d8

Concen: 51.96 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VX021498.D

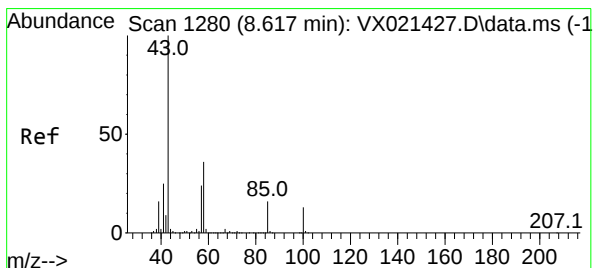
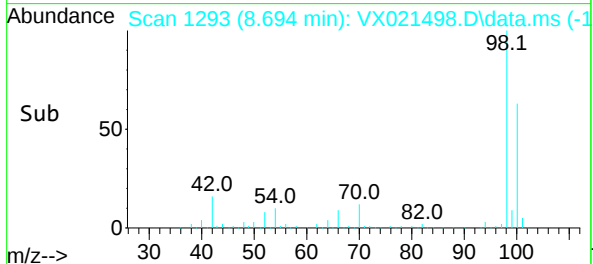
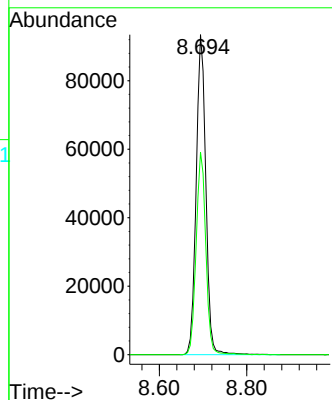
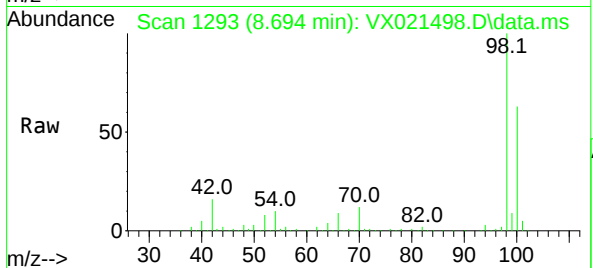
Acq: 25 Mar 2021 19:49

Tgt Ion: 98 Resp: 143777

Ion Ratio Lower Upper

98 100

100 63.3 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.75 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. 0.077 min

Lab File: VX021498.D

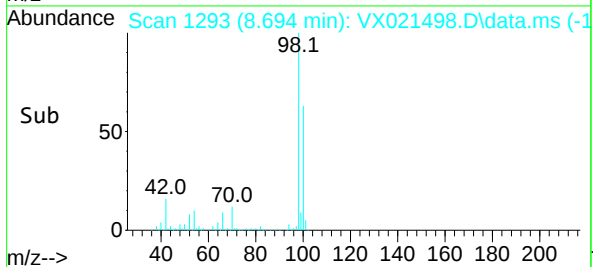
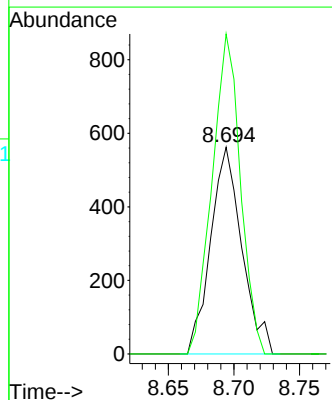
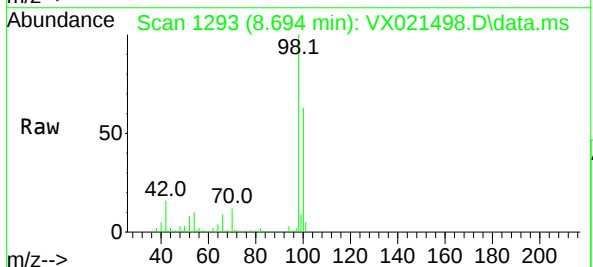
Acq: 25 Mar 2021 19:49

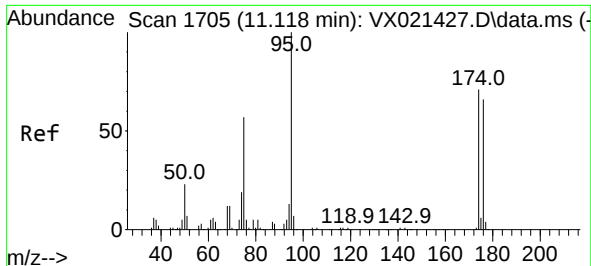
Tgt Ion: 43 Resp: 931

Ion Ratio Lower Upper

43 100

58 140.5 35.4 53.0#

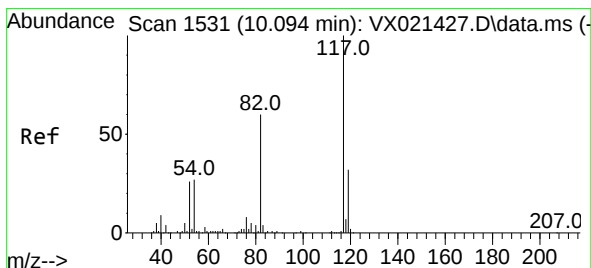
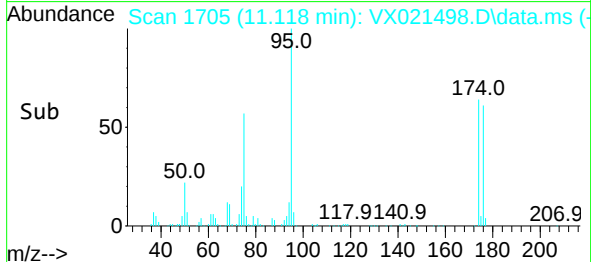
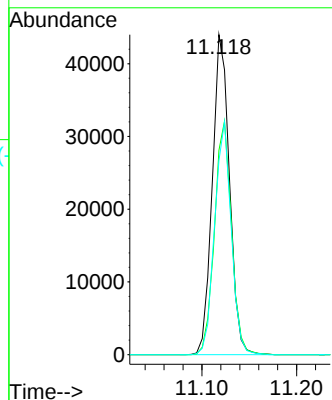
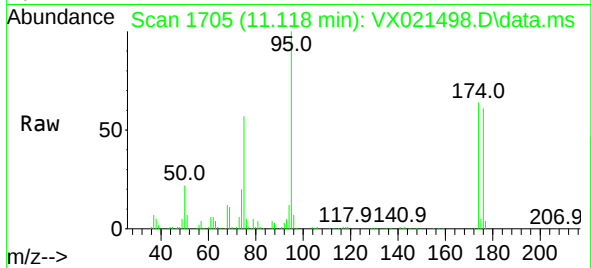




#62
4-Bromofluorobenzene
Concen: 51.36 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

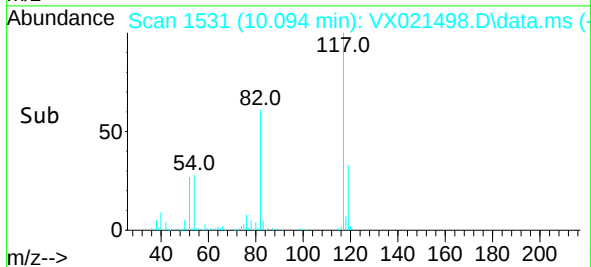
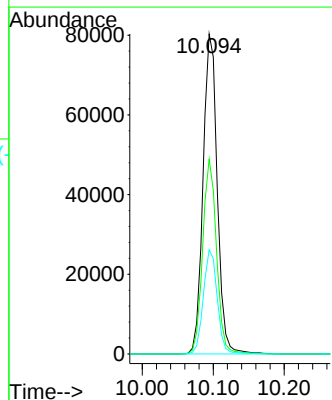
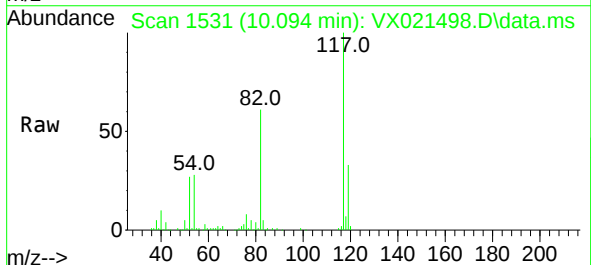
Instrument :
MSVOA_X
ClientSampleId :

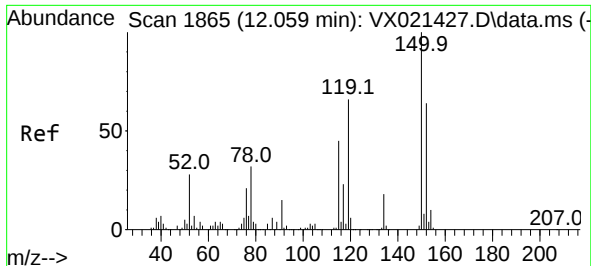
Tgt Ion: 95 Resp: 55248
Ion Ratio Lower Upper
95 100
174 72.5 0.0 154.6
176 70.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

Tgt Ion: 117 Resp: 112022
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 32.5 26.6 39.8

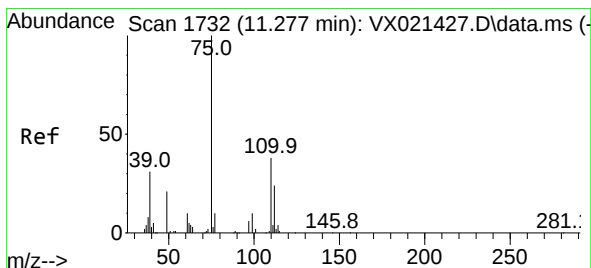
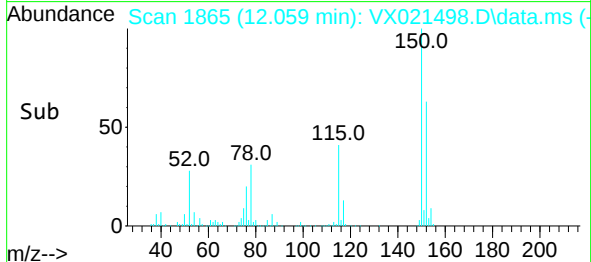
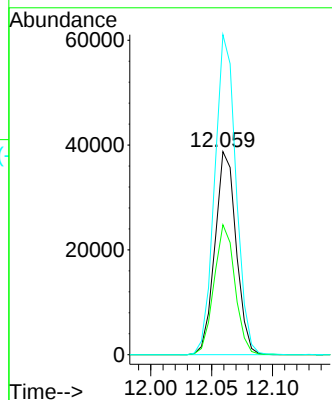
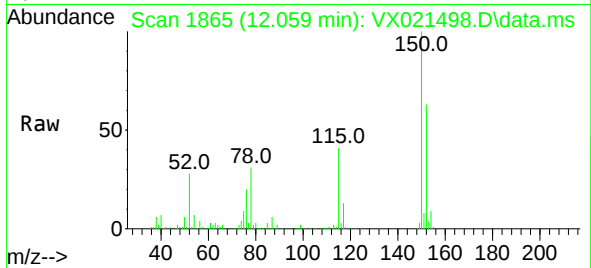




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

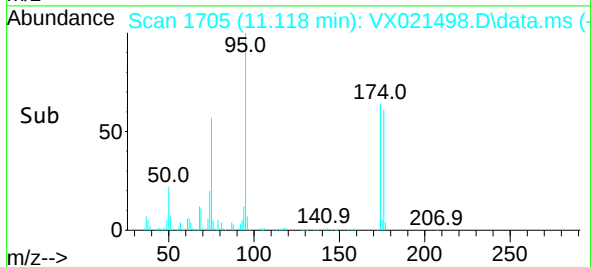
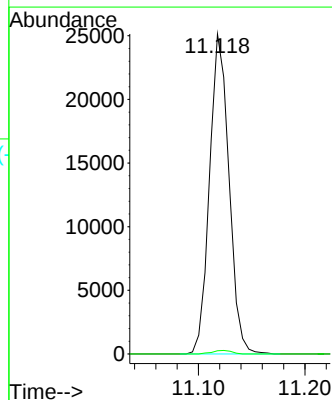
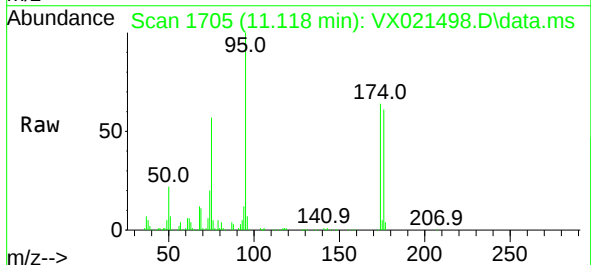
Instrument :
MSVOA_X
ClientSampled :

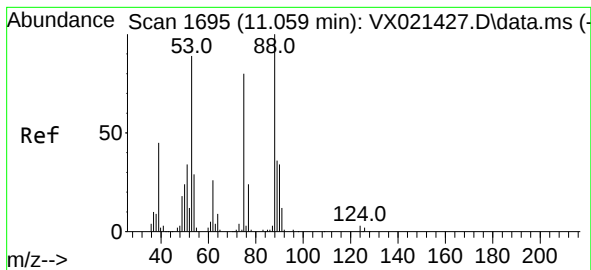
Tgt Ion:152 Resp: 47033
Ion Ratio Lower Upper
152 100
115 63.2 41.1 123.3
150 158.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.09 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021498.D
Acq: 25 Mar 2021 19:49

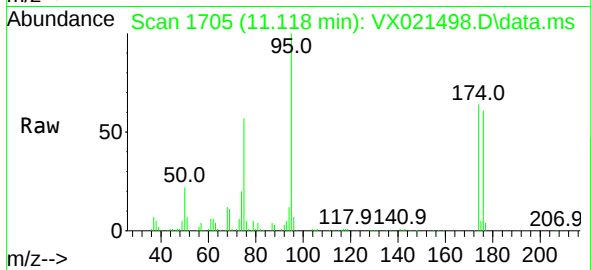
Tgt Ion: 75 Resp: 31847
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.59 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021498.D
 Acq: 25 Mar 2021 19:49

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 31847
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

