

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021508.D
 Acq On : 26 Mar 2021 00:30
 Operator : JC/MD
 Sample : M1817-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 06:33:02 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)

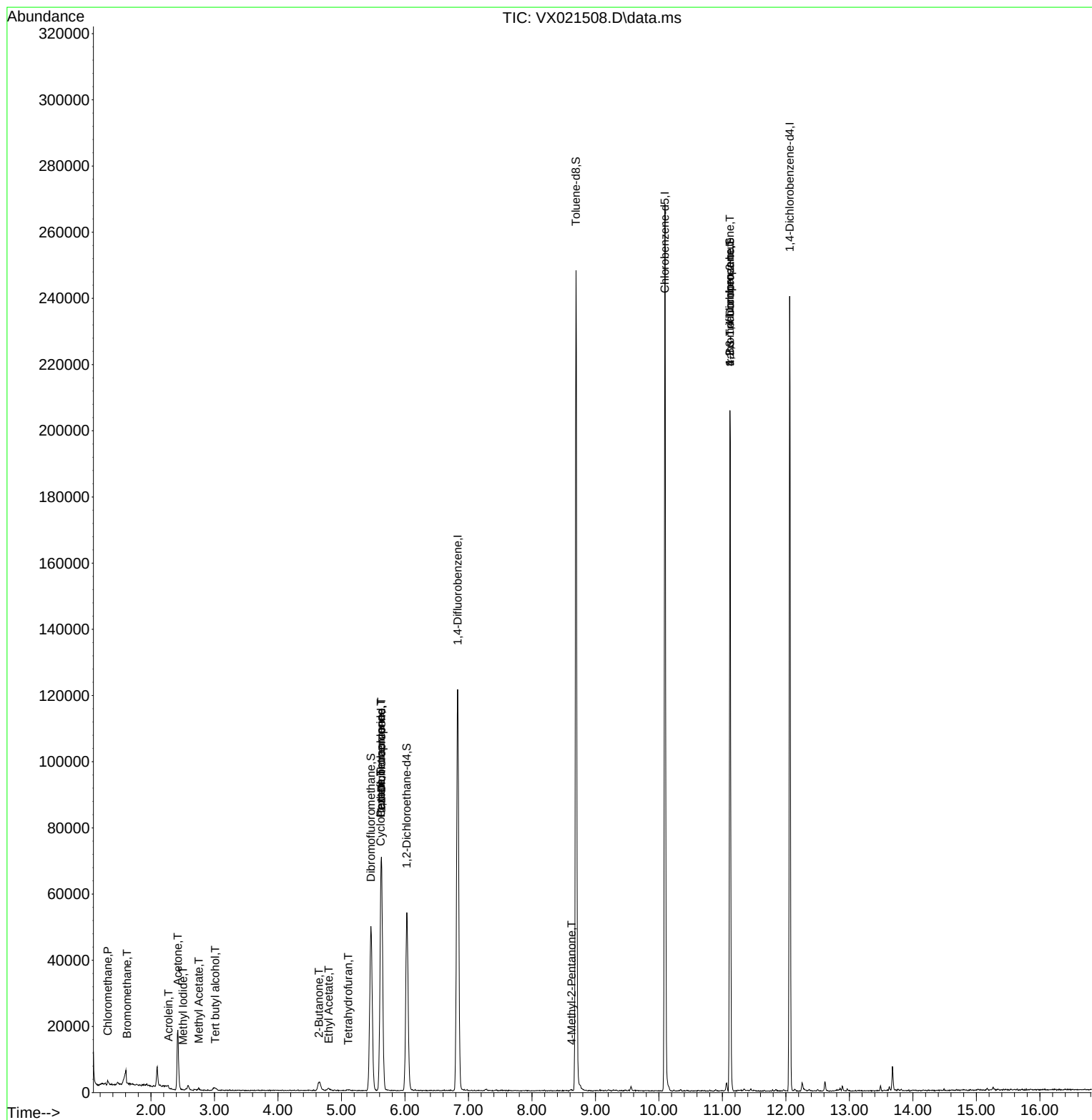
Internal Standards						
1) Pentafluorobenzene	5.623	168	62033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	113126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	44236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52783	51.14	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.28%	
35) Dibromofluoromethane	5.464	113	40864	50.85	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.70%	
50) Toluene-d8	8.694	98	140763	49.16	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.32%	
62) 4-Bromofluorobenzene	11.118	95	53245	47.83	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.66%	
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1895	2.46	ug/l	91
5) Bromomethane	1.623	94	122	0.43	ug/l #	70
10) Methyl Iodide	2.505	142	87	6.79	ug/l #	42
11) Tert butyl alcohol	3.011	59	895	5.25	ug/l #	73
13) Acrolein	2.276	56	53	4.90	ug/l #	14
16) Acetone	2.423	43	19730	50.56	ug/l	89
18) Methyl Acetate	2.752	43	755	0.67	ug/l #	75
25) 2-Butanone	4.646	43	2711	4.58	ug/l #	84
29) Tetrahydrofuran	5.105	42	251	0.65	ug/l #	27
31) Cyclohexane	5.617	56	1835	1.62	ug/l #	50
36) 1,1-Dichloropropene	5.629	75	5794	5.23	ug/l #	49
37) Ethyl Acetate	4.799	43	1390	1.08	ug/l #	82
38) Carbon Tetrachloride	5.623	117	6788	5.70	ug/l #	16
51) 4-Methyl-2-Pentanone	8.623	43	382	0.30	ug/l #	32
76) 1,2,3-Trichloropropane	11.118	75	30178	29.30	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	30178	89.26	ug/l #	12

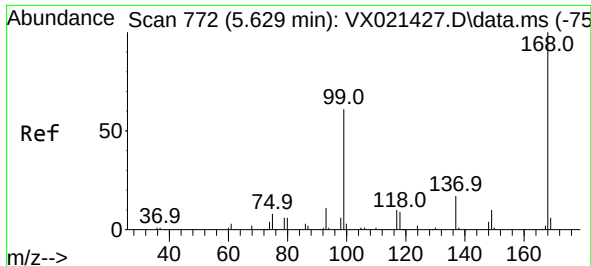
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

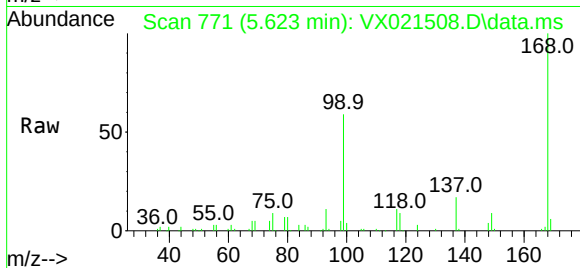
Quant Time: Mar 26 06:33:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration



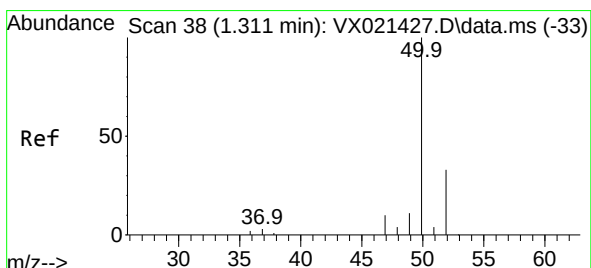
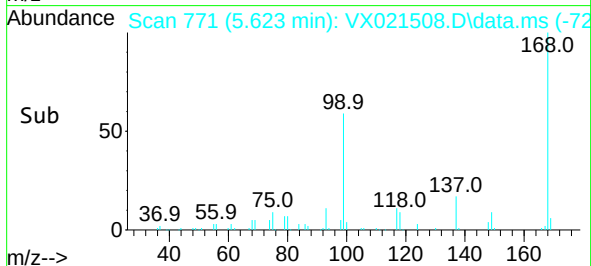
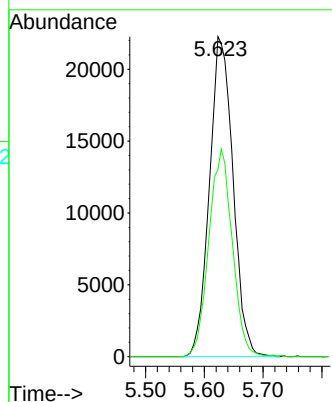


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.006 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

Instrument :
MSVOA_X
ClientSampled :

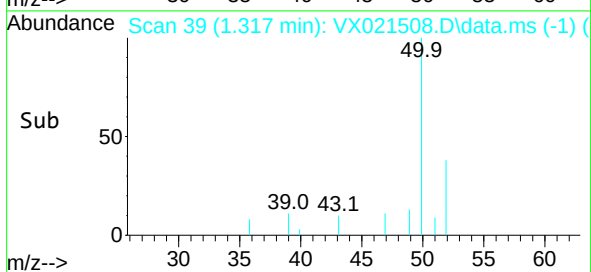
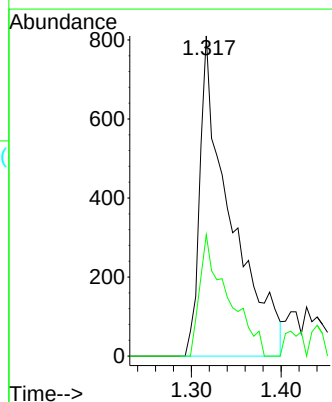
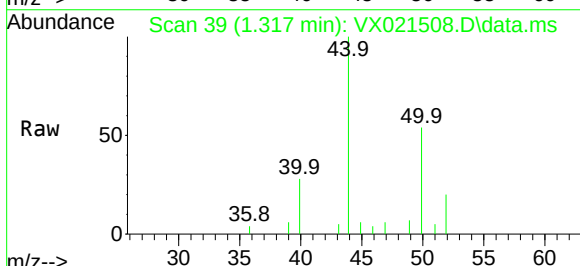


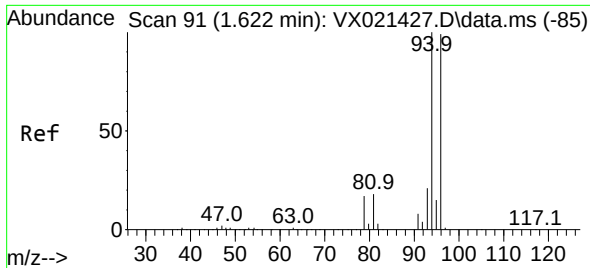
Tgt Ion:168 Resp: 62033
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



#3
Chloromethane
Concen: 2.46 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

Tgt Ion: 50 Resp: 1895
Ion Ratio Lower Upper
50 100
52 37.9 26.4 39.6

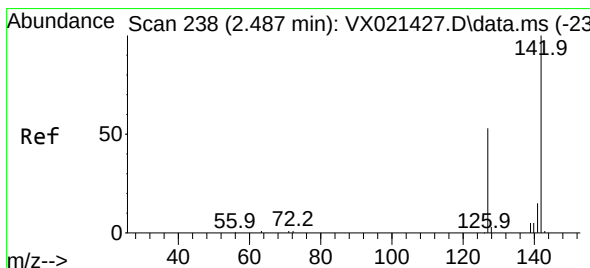
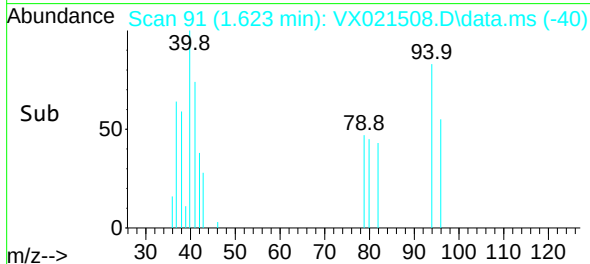
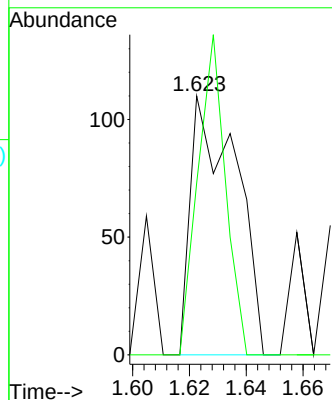
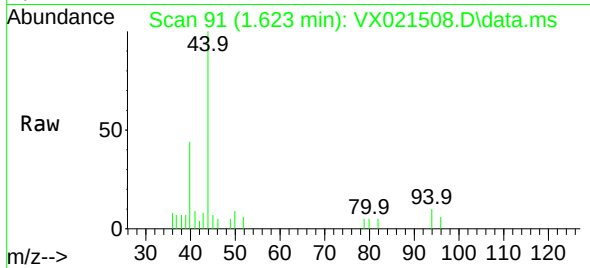




#5
Bromomethane
Concen: 0.43 ug/l
RT: 1.623 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

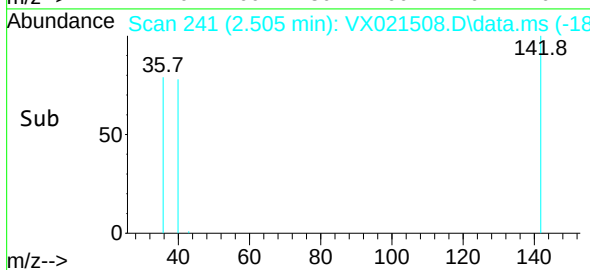
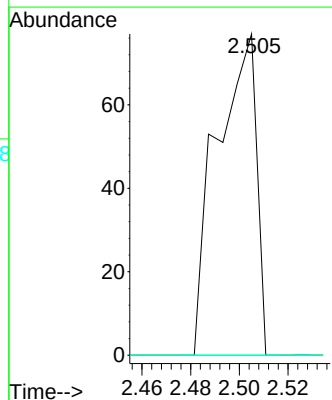
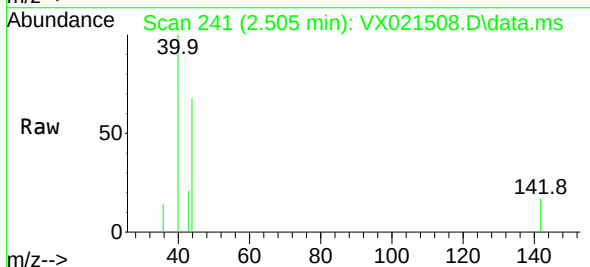
Instrument :
MSVOA_X
ClientSampled :

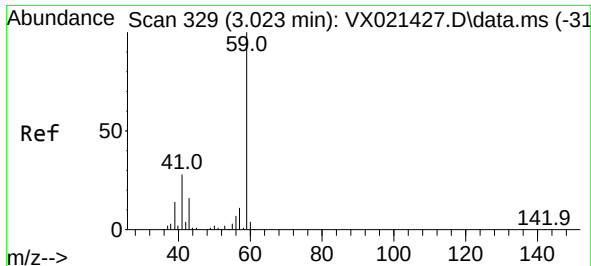
Tgt Ion: 94 Resp: 122
Ion Ratio Lower Upper
94 100
96 66.4 76.4 114.6#



#10
Methyl Iodide
Concen: 6.79 ug/l
RT: 2.505 min Scan# 241
Delta R.T. 0.018 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

Tgt Ion:142 Resp: 87
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



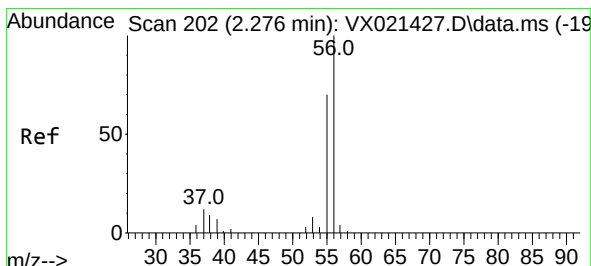
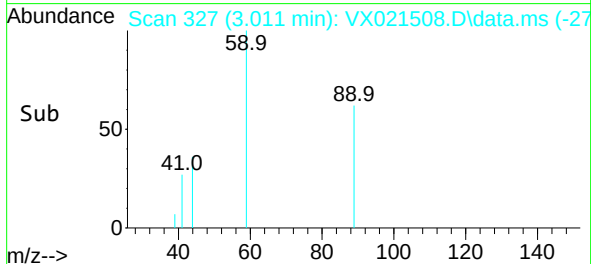
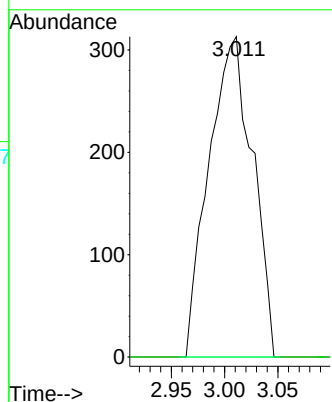
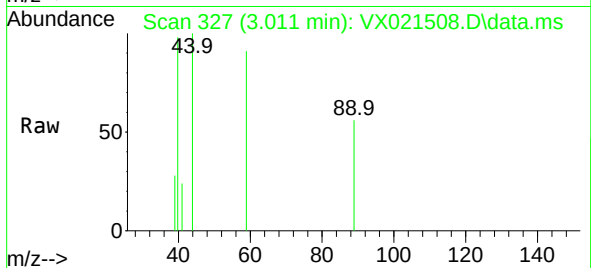


#11

Tert butyl alcohol
Concen: 5.25 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

Instrument :
MSVOA_X
ClientSampled :

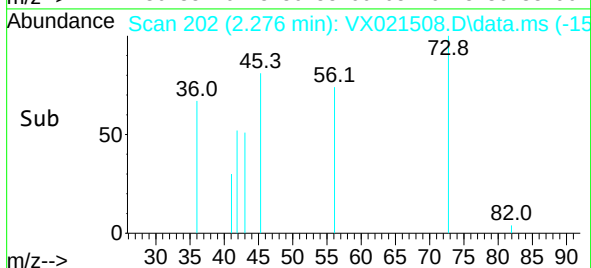
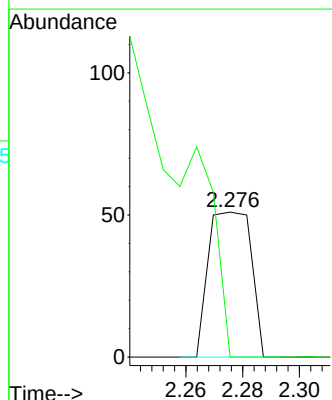
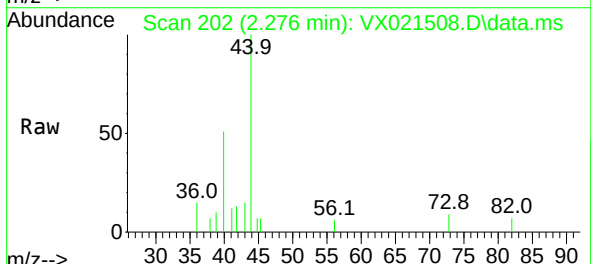
Tgt Ion: 59 Resp: 895
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

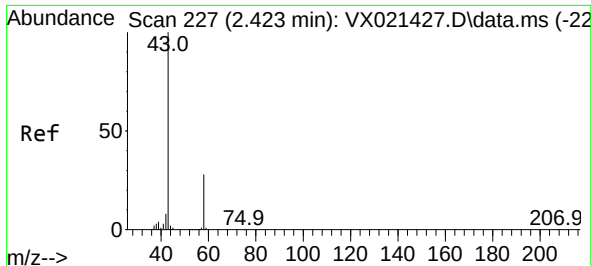


#13

Acrolein
Concen: 4.90 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

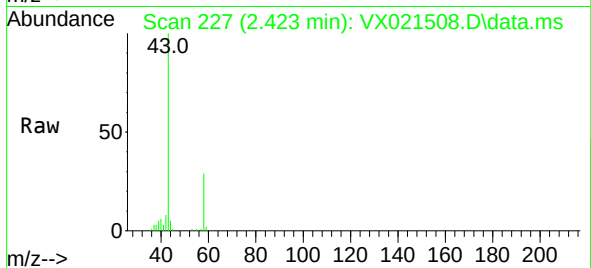
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



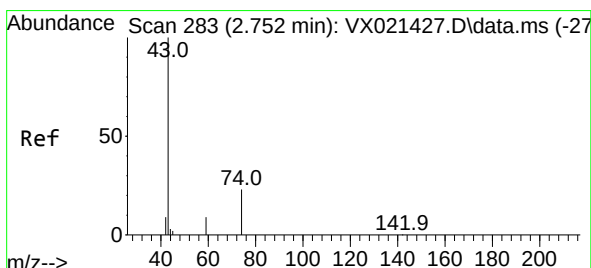
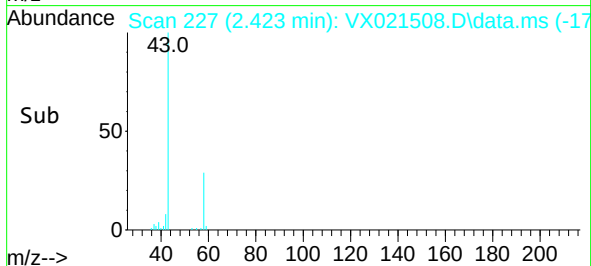
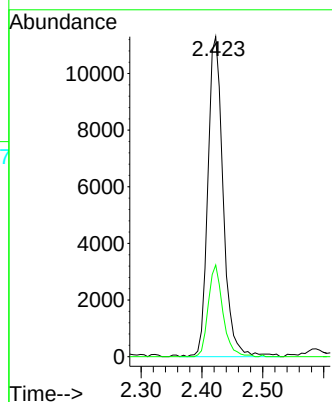


#16
Acetone
Concen: 50.56 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

Instrument :
MSVOA_X
ClientSampled :

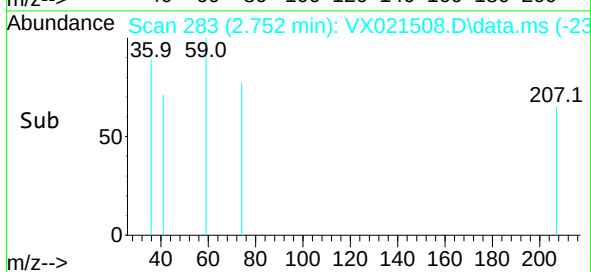
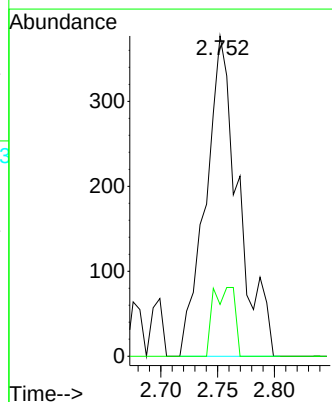
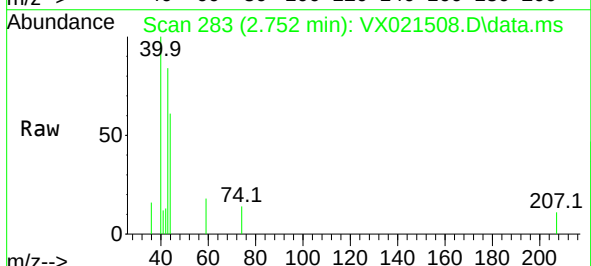


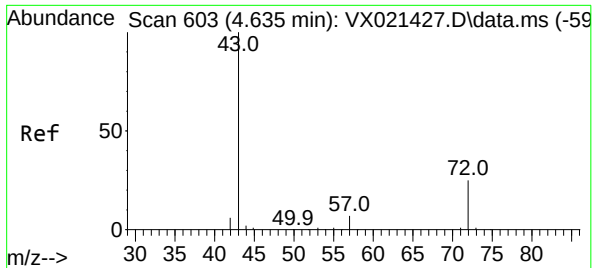
Tgt Ion: 43 Resp: 19730
Ion Ratio Lower Upper
43 100
58 28.6 27.8 41.8



#18
Methyl Acetate
Concen: 0.67 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
74 14.2 21.9 32.9#

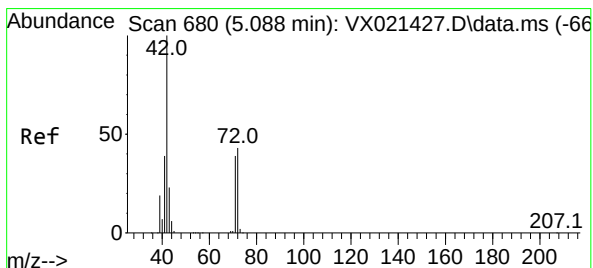
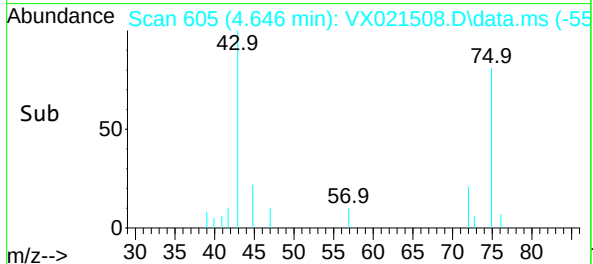
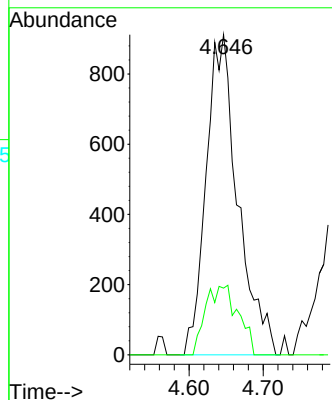
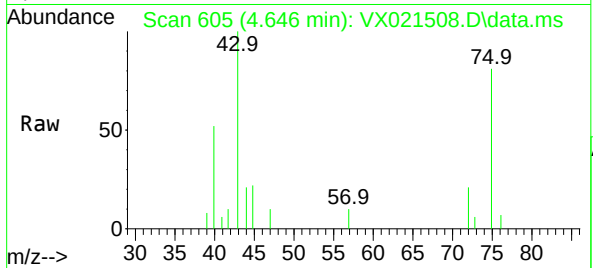




#25
2-Butanone
Concen: 4.58 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.011 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

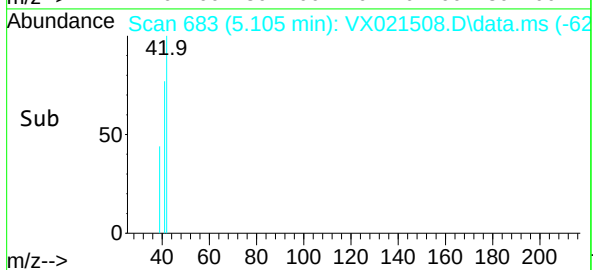
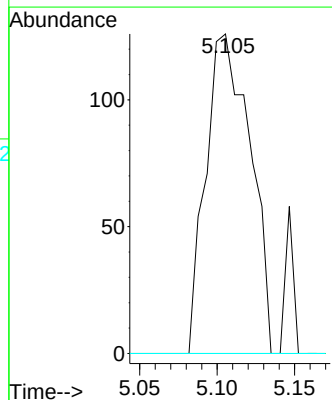
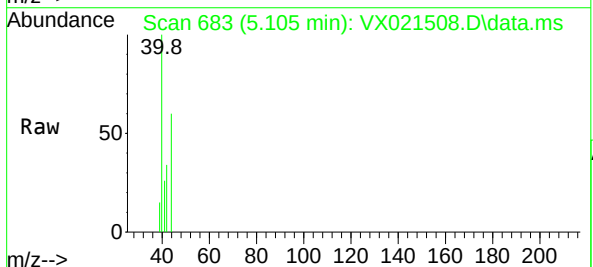
Instrument :
MSVOA_X
ClientSampled :

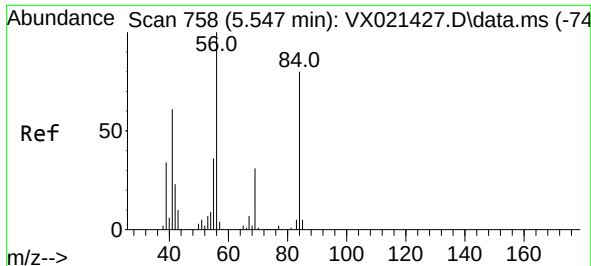
Tgt Ion: 43 Resp: 2711
Ion Ratio Lower Upper
43 100
72 20.8 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.65 ug/l
RT: 5.105 min Scan# 683
Delta R.T. 0.017 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

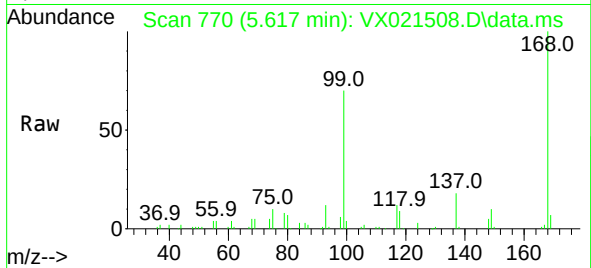
Tgt Ion: 42 Resp: 251
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



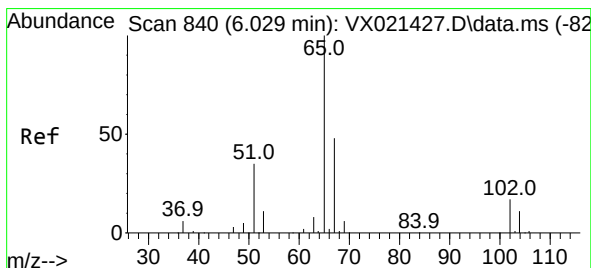
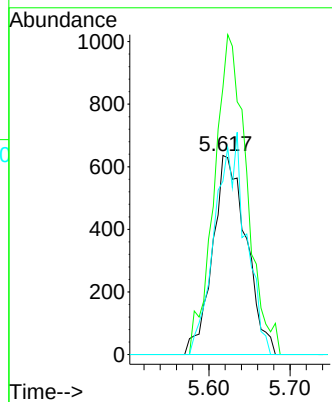
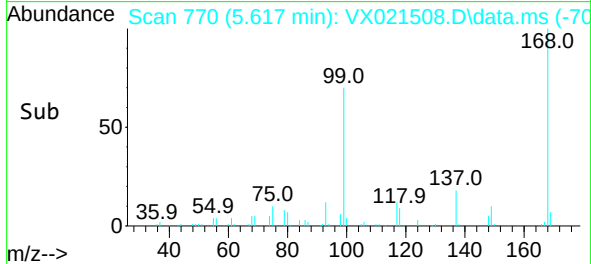


#31
Cyclohexane
Concen: 1.62 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

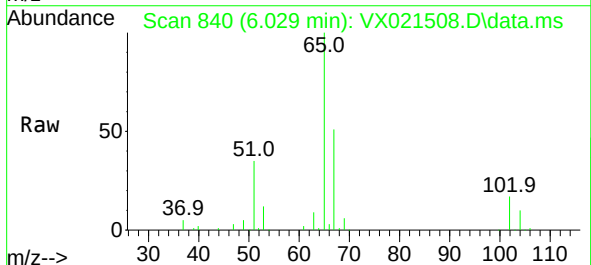
Instrument :
MSVOA_X
ClientSampled :



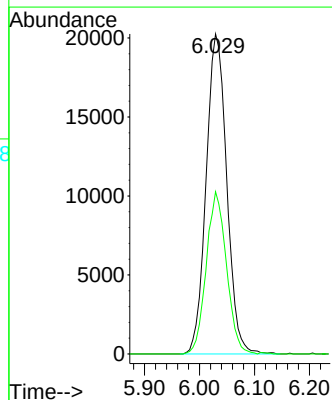
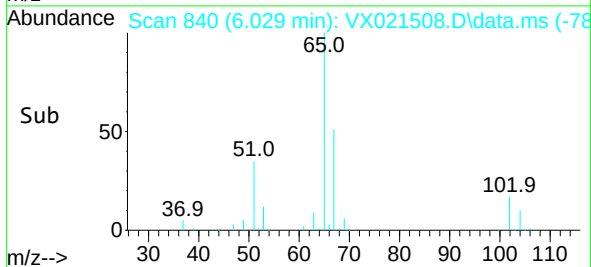
Tgt Ion: 56 Resp: 1835
Ion Ratio Lower Upper
56 100
69 134.1 25.3 37.9#
84 87.1 71.4 107.0

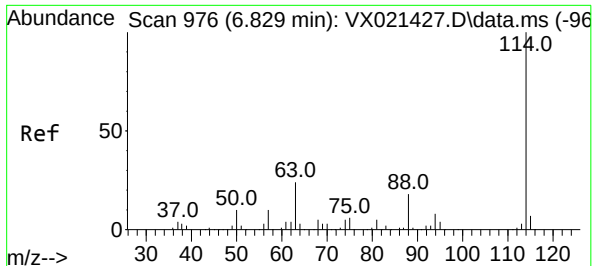


#33
1,2-Dichloroethane-d4
Concen: 51.14 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30



Tgt Ion: 65 Resp: 52783
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

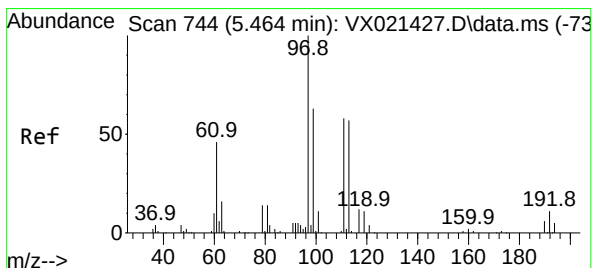
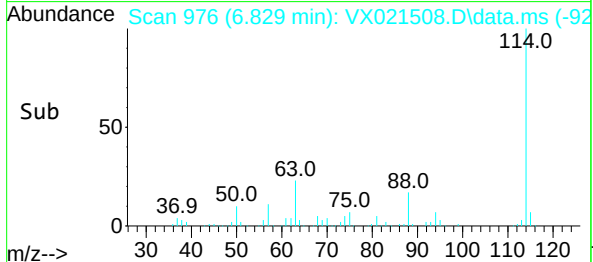
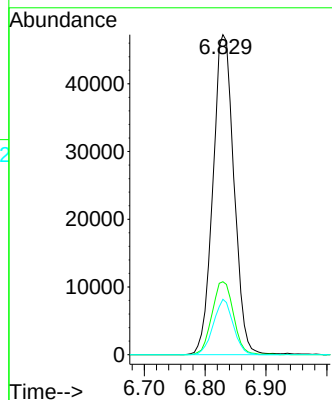
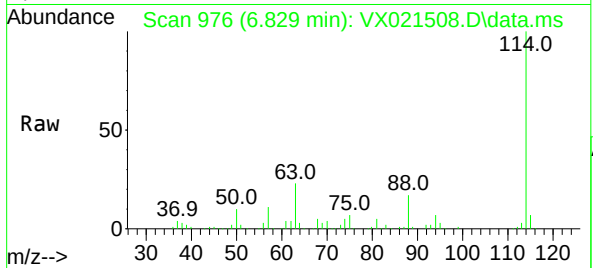




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

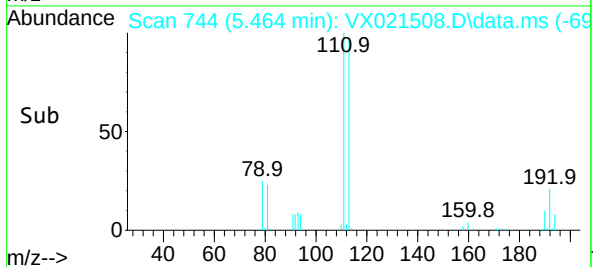
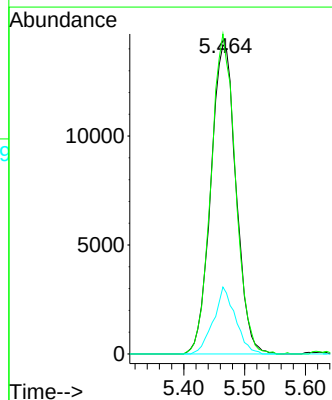
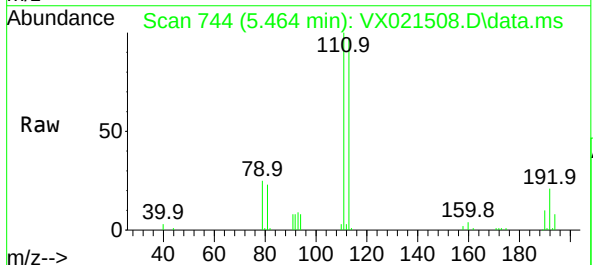
Instrument :
MSVOA_X
ClientSampled :

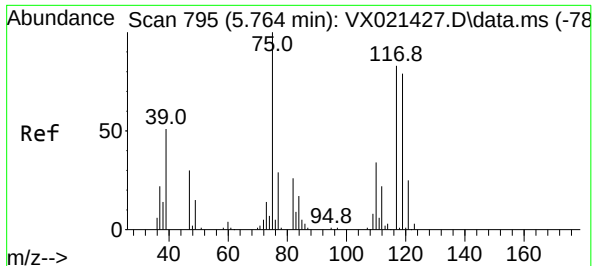
Tgt Ion:114 Resp: 113126
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.8
88 17.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.85 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

Tgt Ion:113 Resp: 40864
Ion Ratio Lower Upper
113 100
111 100.4 81.9 122.9
192 18.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.23 ug/l

RT: 5.629 min Scan# 772

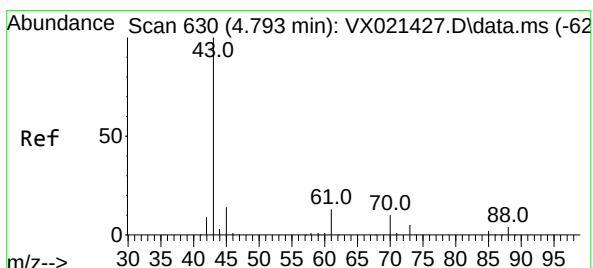
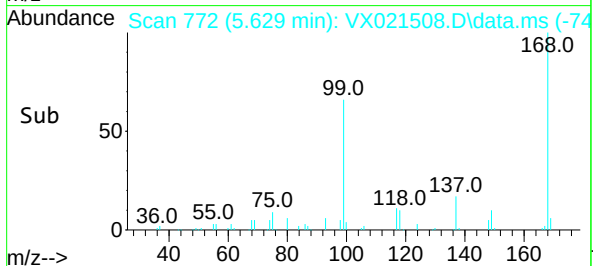
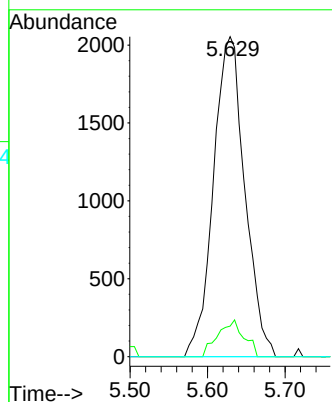
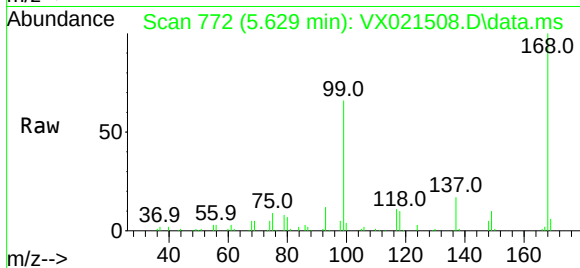
Delta R.T. -0.135 min

Lab File: VX021508.D

Acq: 26 Mar 2021 00:30

Tgt Ion:	75	Resp:	5794
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#37

Ethyl Acetate

Concen: 1.08 ug/l

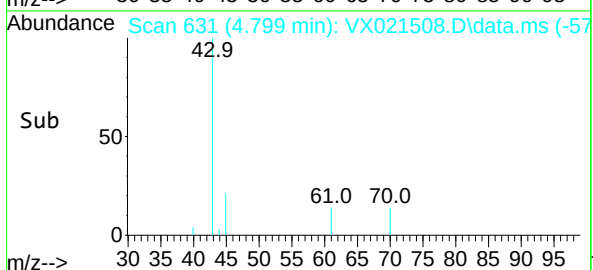
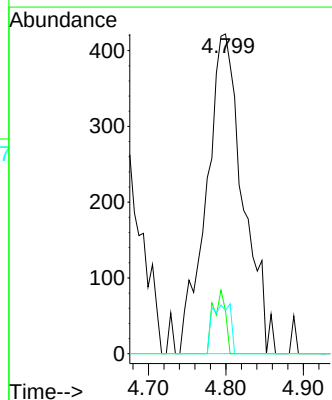
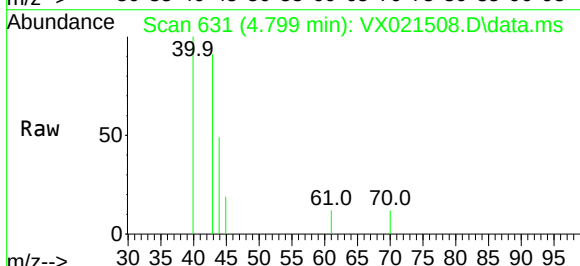
RT: 4.799 min Scan# 631

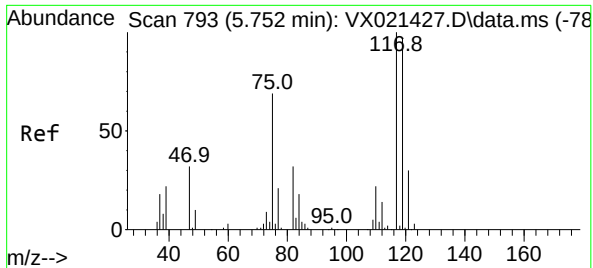
Delta R.T. 0.006 min

Lab File: VX021508.D

Acq: 26 Mar 2021 00:30

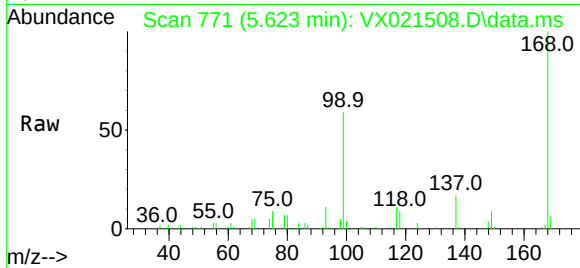
Tgt Ion:	43	Resp:	1390
Ion	Ratio	Lower	Upper
43	100		
61	6.5	12.8	19.2#
70	7.7	10.5	15.7#



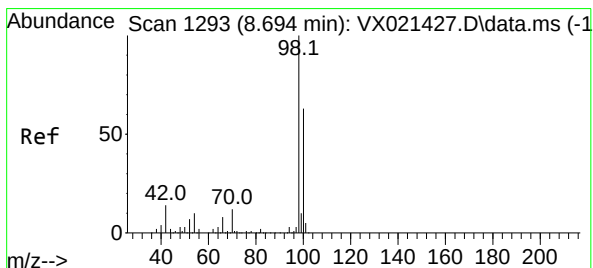
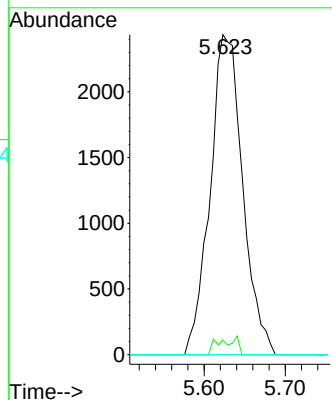
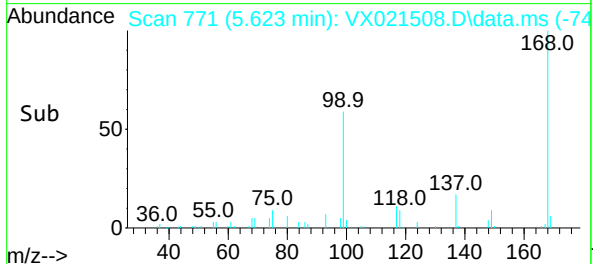


#38
Carbon Tetrachloride
Concen: 5.70 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.129 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

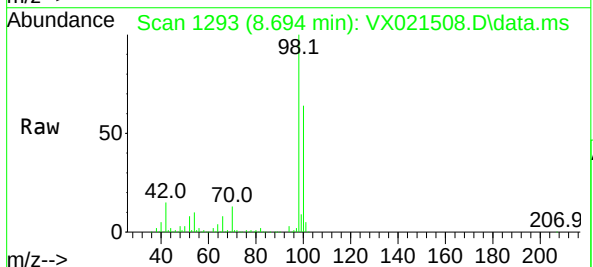
Instrument :
MSVOA_X
ClientSampled :



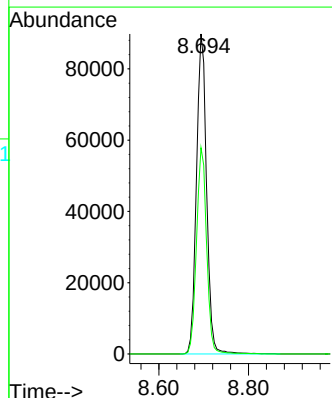
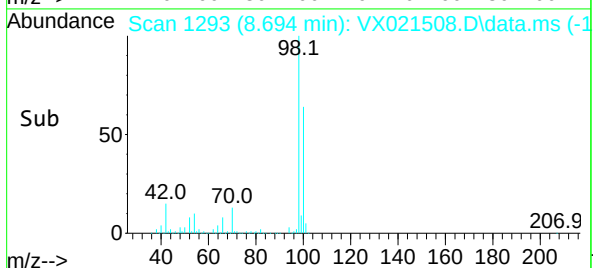
Tgt Ion:117 Resp: 6788
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

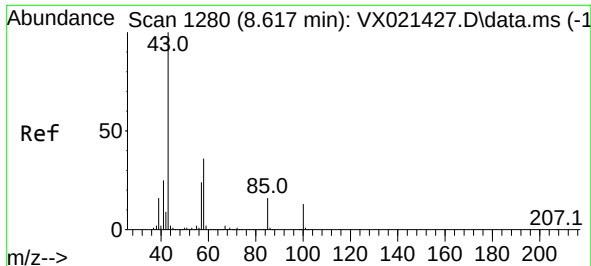


#50
Toluene-d8
Concen: 49.16 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30



Tgt Ion: 98 Resp: 140763
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

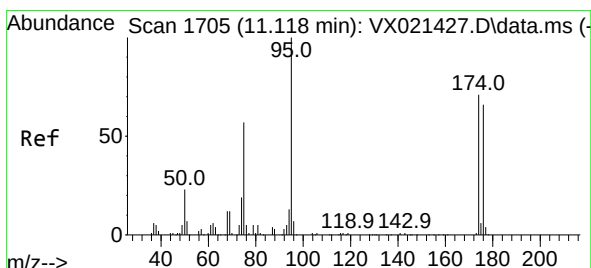
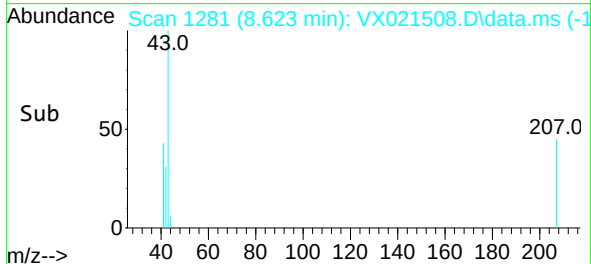
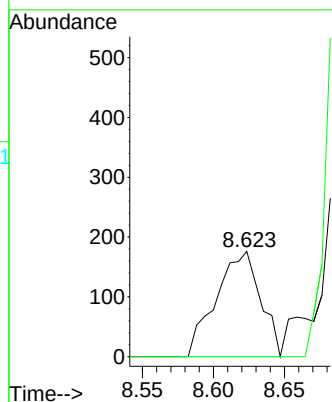
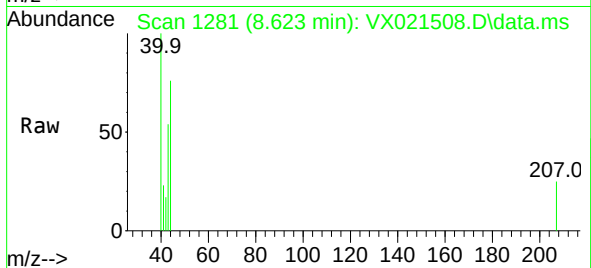




#51
4-Methyl-2-Pentanone
Concen: 0.30 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

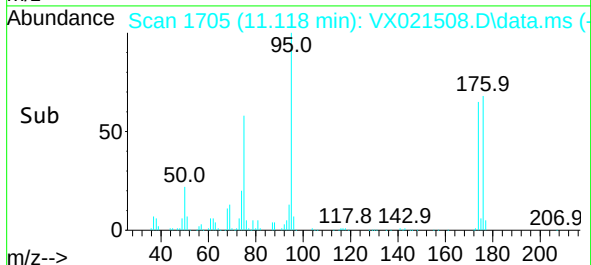
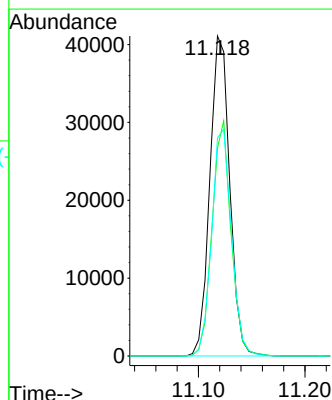
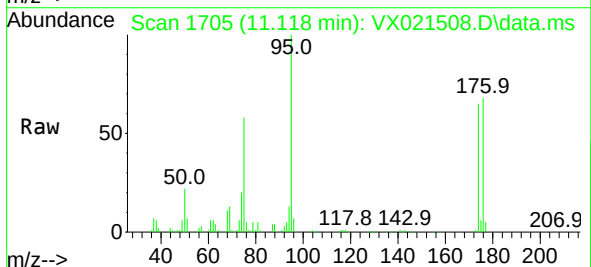
Instrument :
MSVOA_X
ClientSampled :

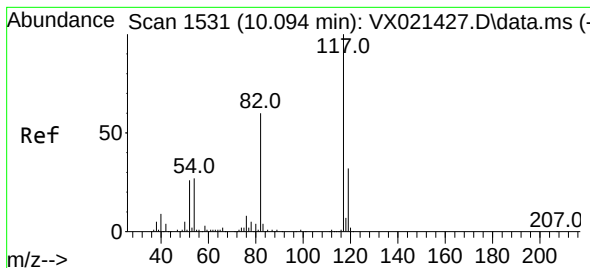
Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
58 0.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.83 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

Tgt Ion: 95 Resp: 53245
Ion Ratio Lower Upper
95 100
174 70.0 0.0 154.6
176 70.8 0.0 155.8

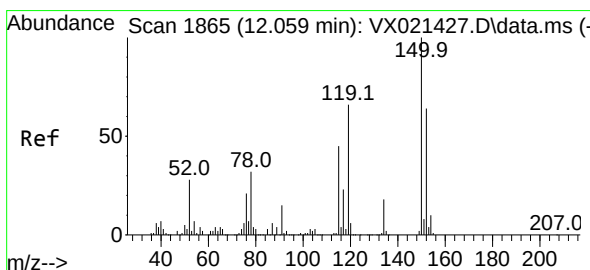
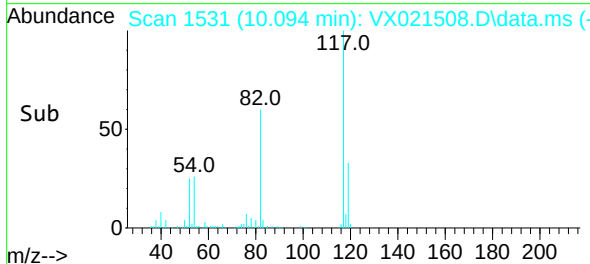
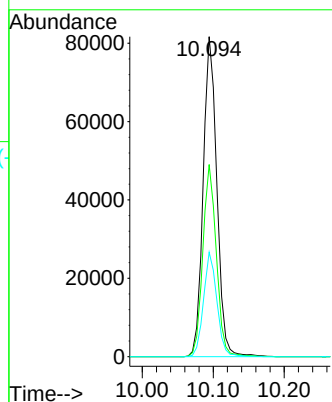
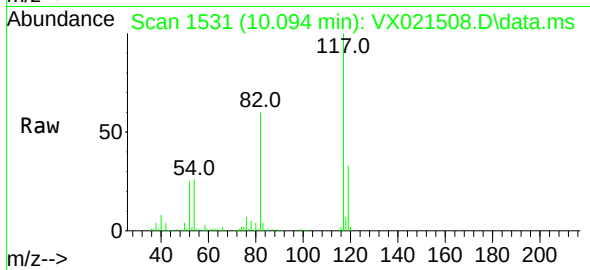




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

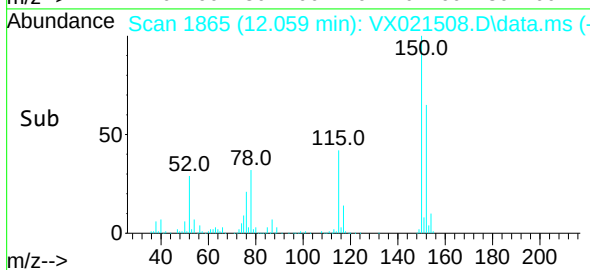
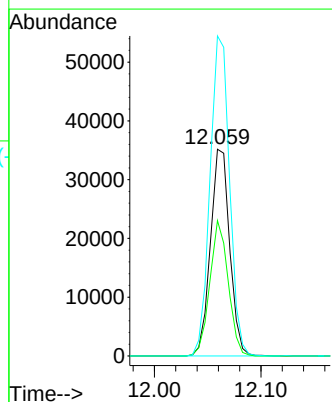
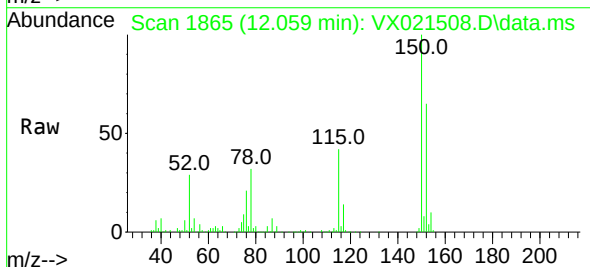
Instrument :
MSVOA_X
ClientSampled :

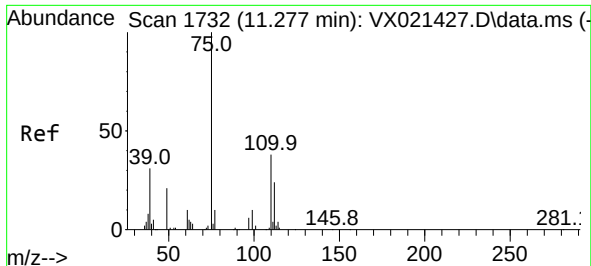
Tgt Ion:117 Resp: 109799
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

Tgt Ion:152 Resp: 44236
Ion Ratio Lower Upper
152 100
115 62.4 41.1 123.3
150 156.2 0.0 349.0

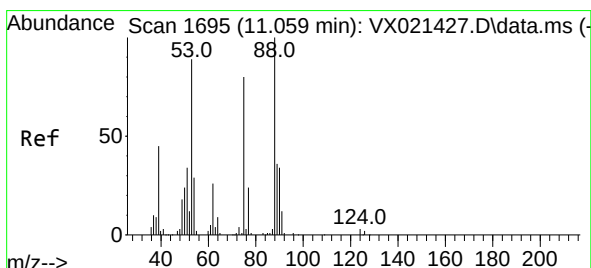
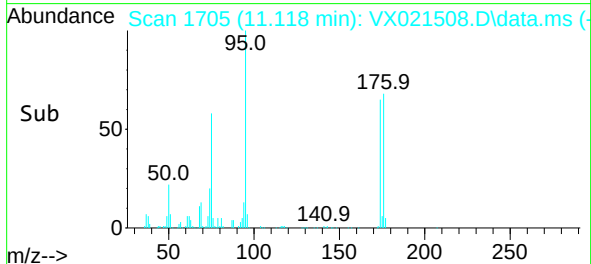
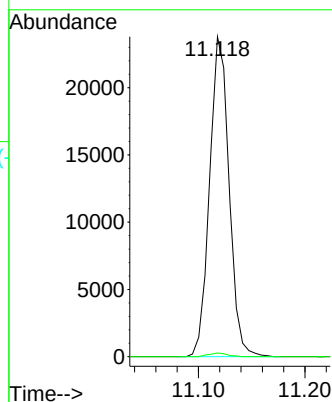
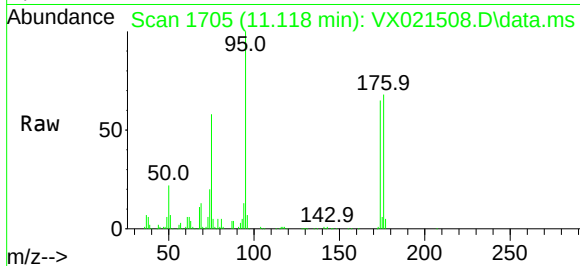




#76
1,2,3-Trichloropropane
Concen: 29.30 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 30178
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.26 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021508.D
Acq: 26 Mar 2021 00:30

Tgt Ion: 75 Resp: 30178
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

