

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021308.D
 Acq On : 19 Mar 2021 17:37
 Operator : JC/MD
 Sample : M1715-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 06:34:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

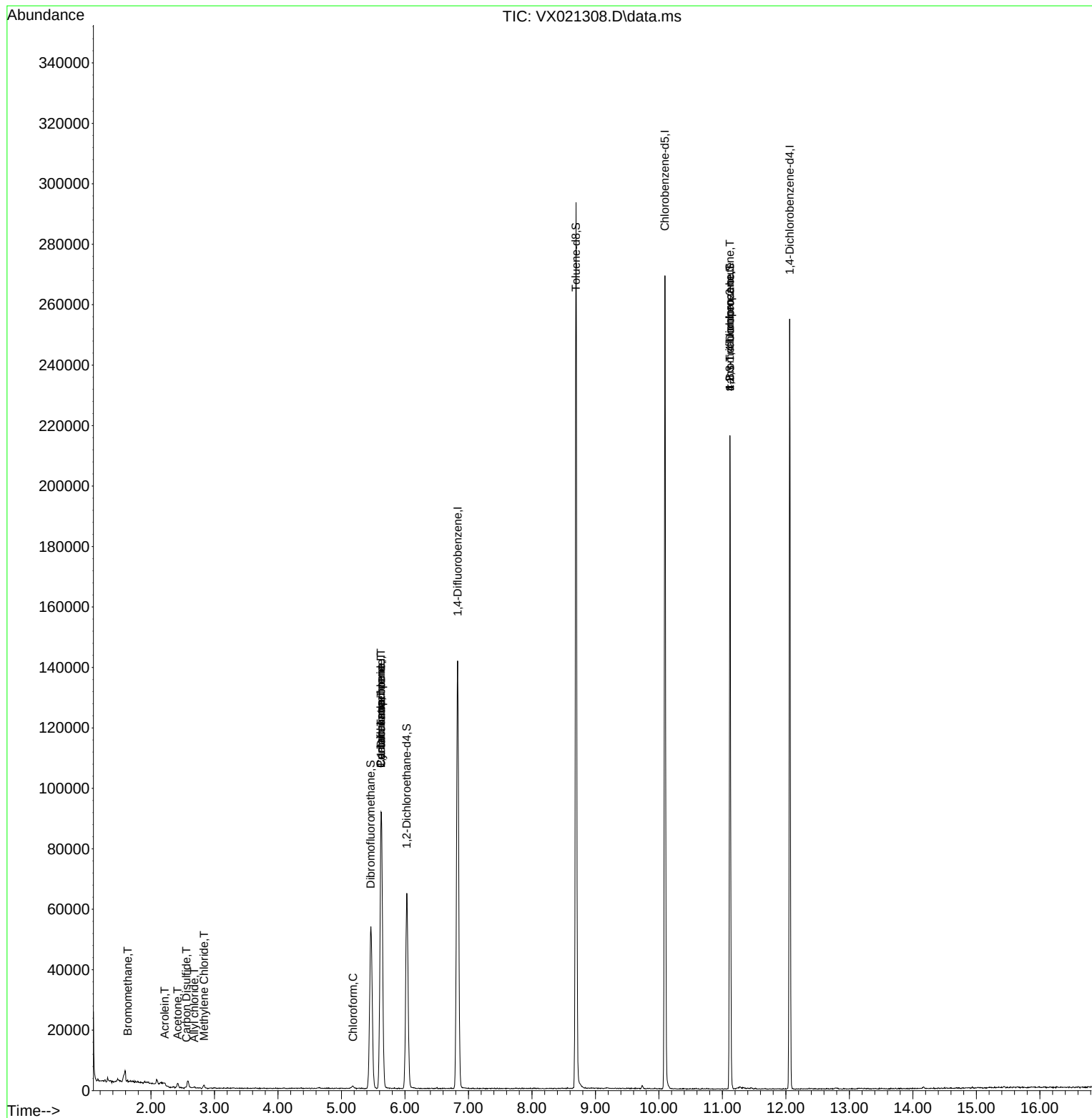
Internal Standards						
1) Pentafluorobenzene	5.623	168	78989	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	130286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	44949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63434	48.96	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.92%
35) Dibromofluoromethane	5.458	113	44035	49.67	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.34%
50) Toluene-d8	8.694	98	157440	48.94	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.88%
62) 4-Bromofluorobenzene	11.118	95	53913	43.16	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.32%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	1842	Below Cal		93
5) Bromomethane	1.634	94	93	0.22 ug/l #		78
13) Acrolein	2.217	56	21	3.28 ug/l #		1
14) Allyl chloride	2.681	41	373	0.22 ug/l #		57
16) Acetone	2.417	43	1704	3.57 ug/l		90
17) Carbon Disulfide	2.558	76	132	0.59 ug/l #		75
20) Methylene Chloride	2.834	84	401	0.41 ug/l #		72
30) Chloroform	5.182	83	976	0.54 ug/l		89
31) Cyclohexane	5.623	56	2332	1.49 ug/l #		37
36) 1,1-Dichloropropene	5.623	75	7261	5.53 ug/l #		49
38) Carbon Tetrachloride	5.623	117	8703	6.38 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	31137	29.86 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	31137	81.08 ug/l #		12

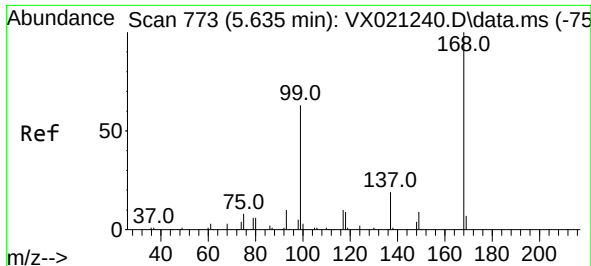
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 20 06:34:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

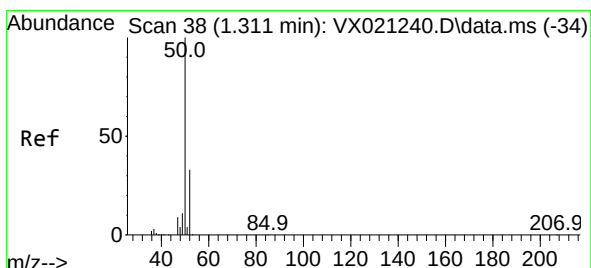
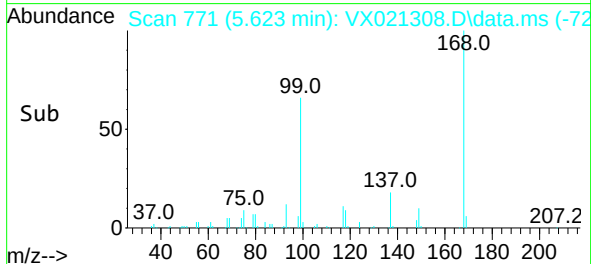
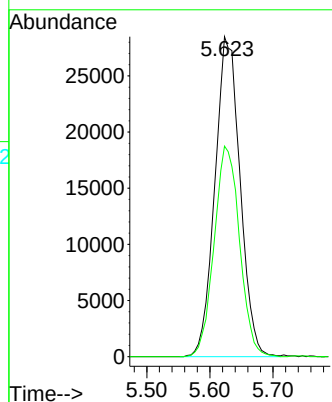
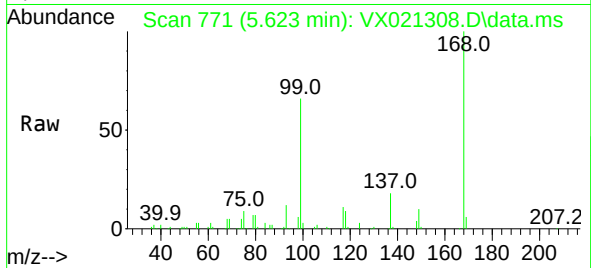




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37

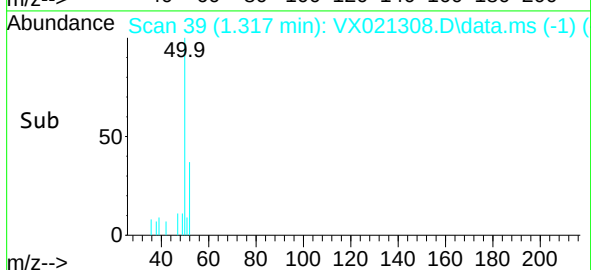
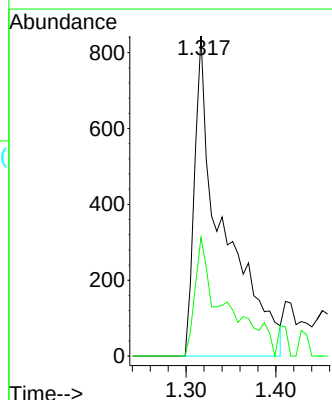
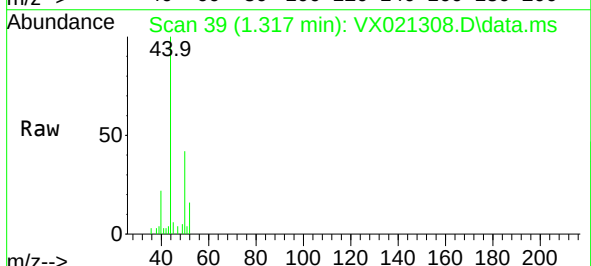
Instrument :
MSVOA_X
ClientSampled :

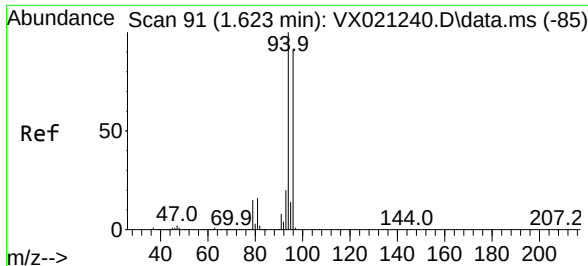
Tgt Ion:168 Resp: 78989
Ion Ratio Lower Upper
168 100
99 65.8 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37

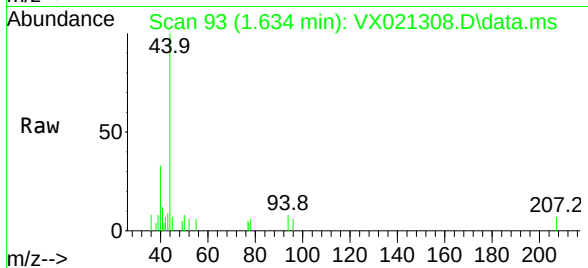
Tgt Ion: 50 Resp: 1842
Ion Ratio Lower Upper
50 100
52 37.1 26.4 39.6



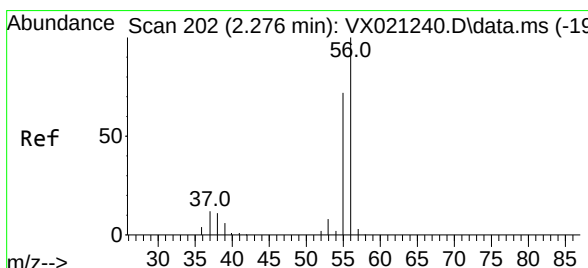
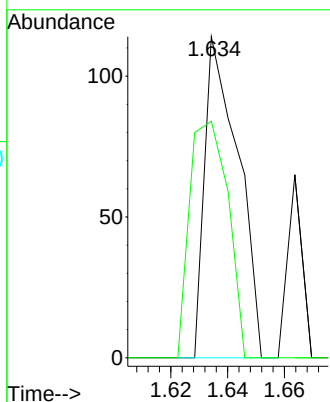
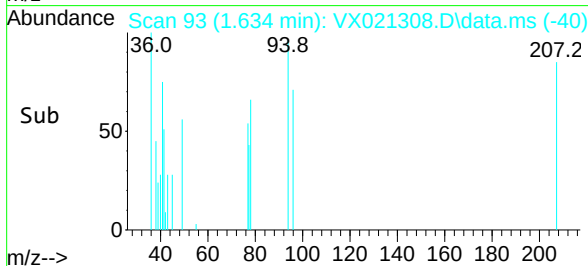


#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37

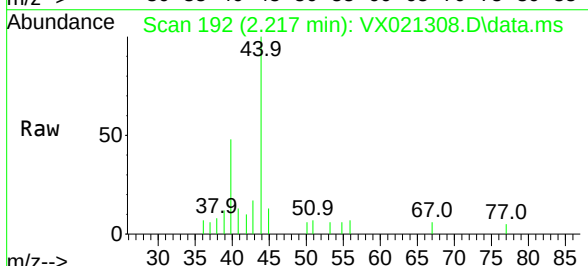
Instrument :
MSVOA_X
ClientSampled :



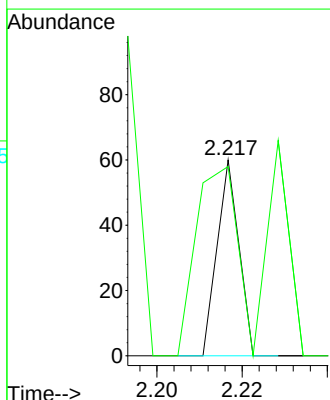
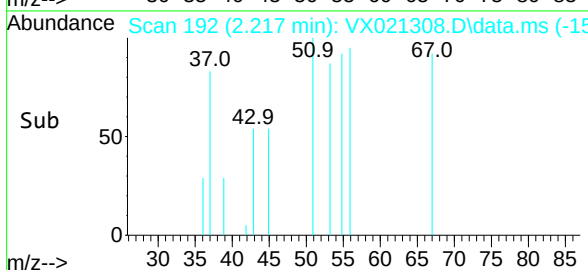
Tgt Ion: 94 Resp: 93
Ion Ratio Lower Upper
94 100
96 73.7 76.4 114.6#

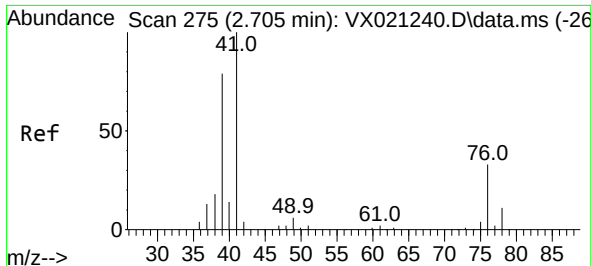


#13
Acrolein
Concen: 3.28 ug/l
RT: 2.217 min Scan# 192
Delta R.T. -0.059 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37



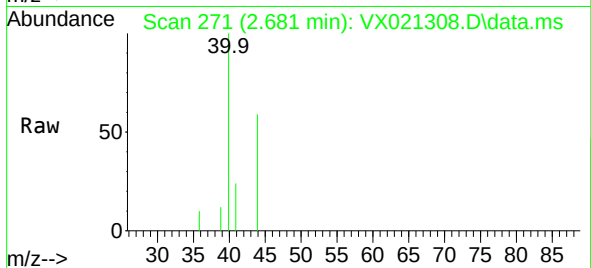
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 185.7 56.4 84.6#



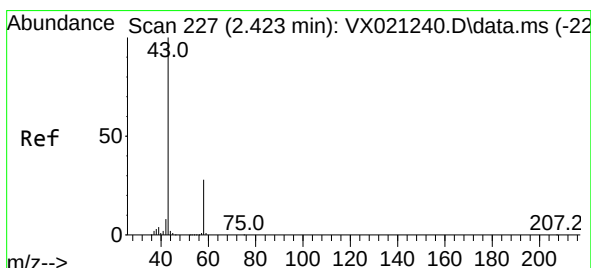
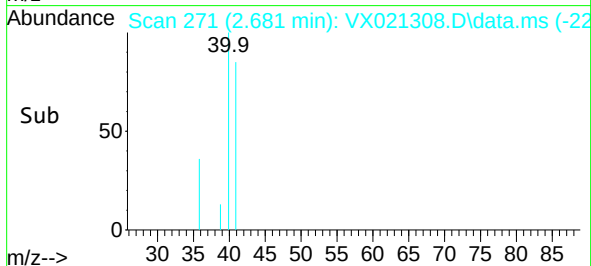
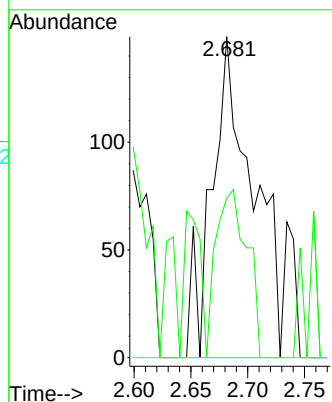


#14
Allyl chloride
Concen: 0.22 ug/l
RT: 2.681 min Scan# 271
Delta R.T. -0.024 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37

Instrument :
MSVOA_X
ClientSampled :

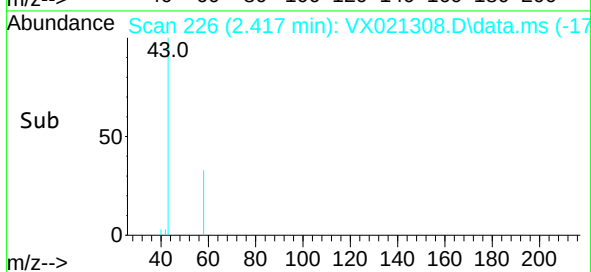
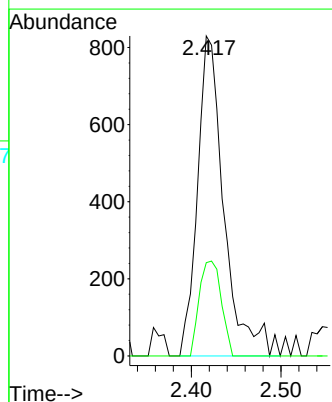
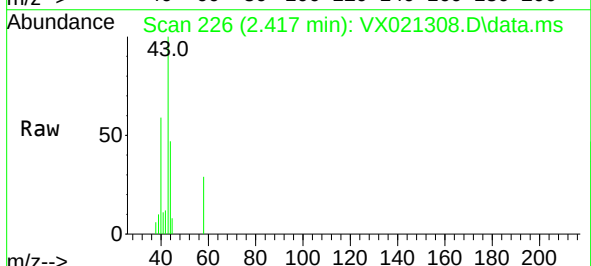


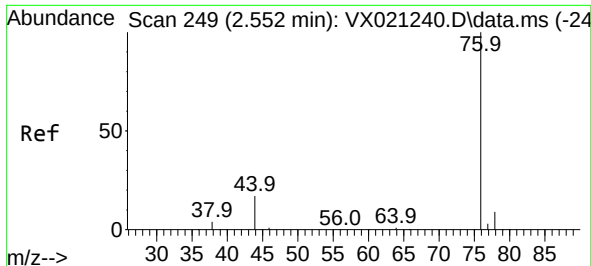
Tgt Ion: 41 Resp: 373
Ion Ratio Lower Upper
41 100
39 39.9 51.6 77.4#
76 0.0 30.5 45.7#



#16
Acetone
Concen: 3.57 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37

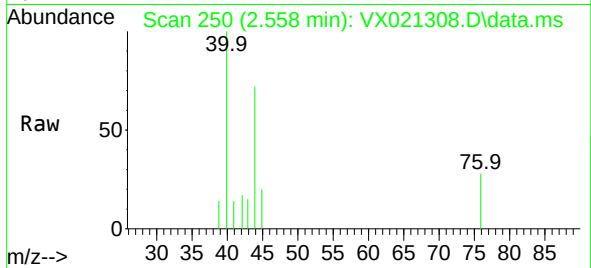
Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8



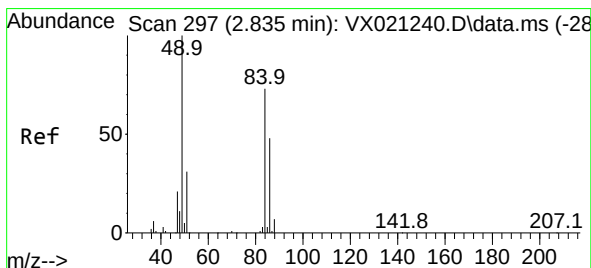
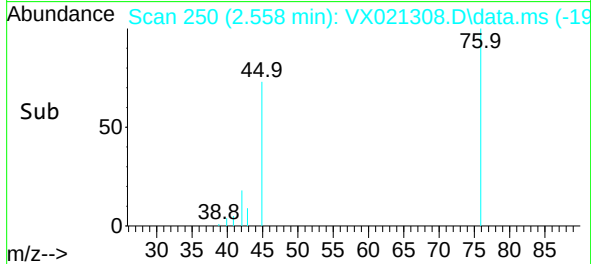
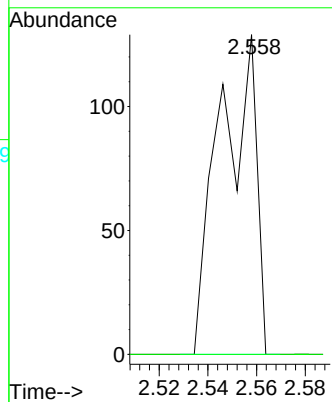


#17
Carbon Disulfide
Concen: 0.59 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37

Instrument :
MSVOA_X
ClientSampled :

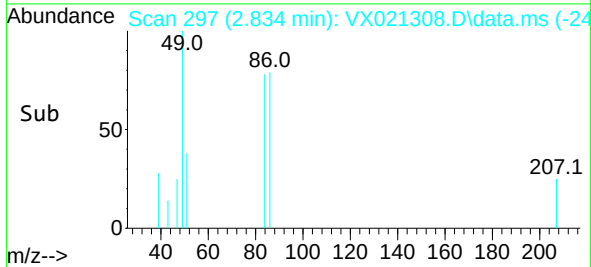
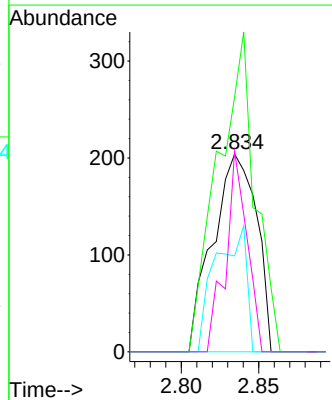
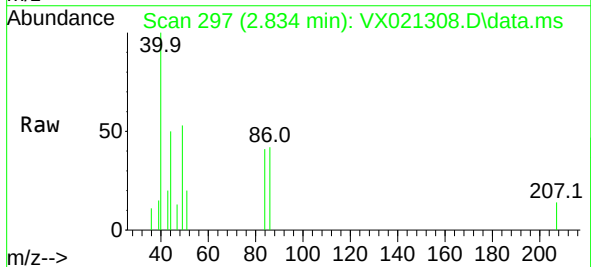


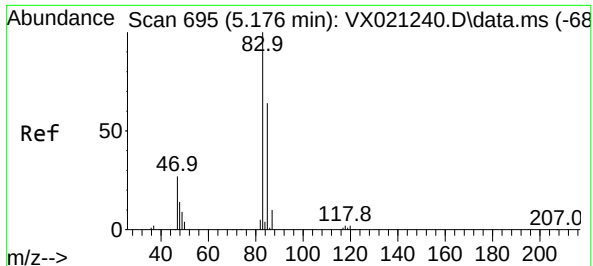
Tgt Ion: 76 Resp: 132
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.41 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37

Tgt Ion: 84 Resp: 401
Ion Ratio Lower Upper
84 100
49 128.9 88.6 132.8
51 48.5 27.0 40.6#
86 101.5 50.3 75.5#





#30

Chloroform

Concen: 0.54 ug/l

RT: 5.182 min Scan# 696

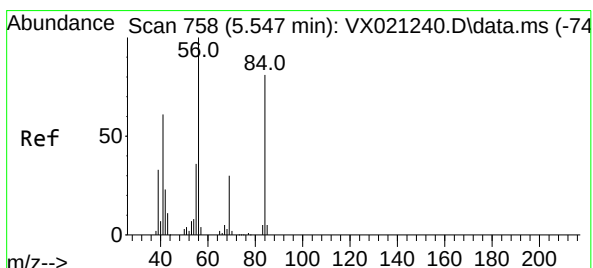
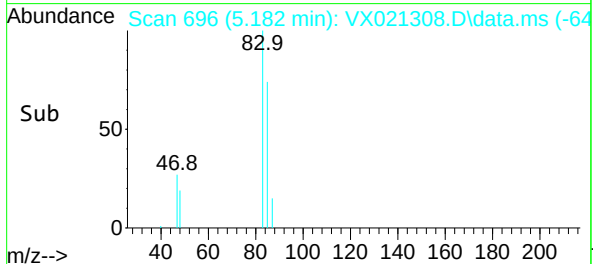
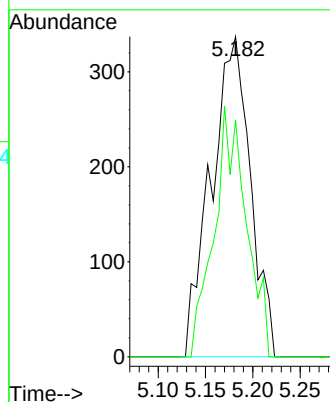
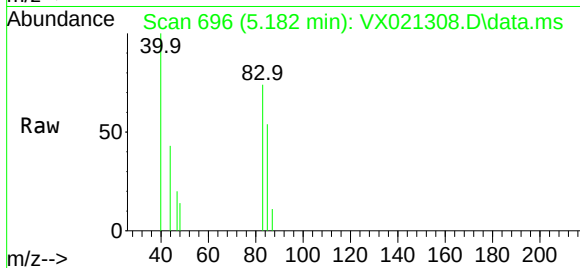
Delta R.T. 0.006 min

Lab File: VX021308.D

Acq: 19 Mar 2021 17:37

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 83 Resp: 976
Ion Ratio Lower Upper
83 100
85 73.9 52.0 78.0



#31

Cyclohexane

Concen: 1.49 ug/l

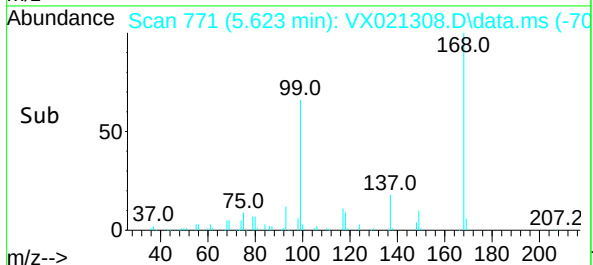
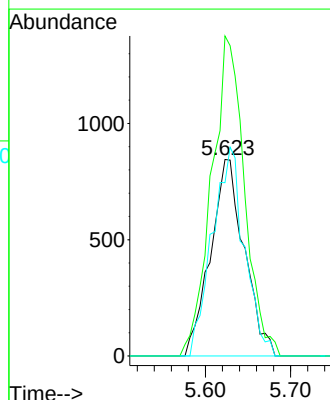
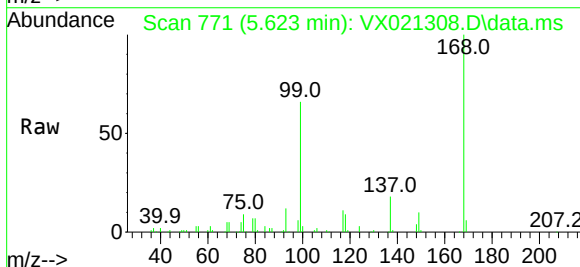
RT: 5.623 min Scan# 771

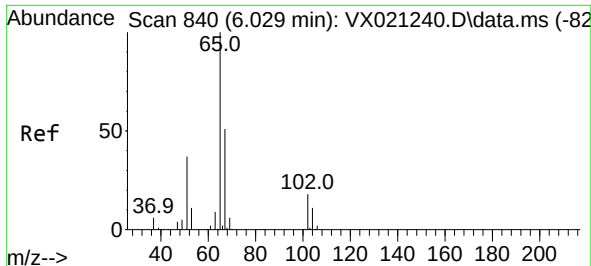
Delta R.T. 0.076 min

Lab File: VX021308.D

Acq: 19 Mar 2021 17:37

Tgt Ion: 56 Resp: 2332
Ion Ratio Lower Upper
56 100
69 162.8 25.3 37.9#
84 88.2 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 48.96 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021308.D

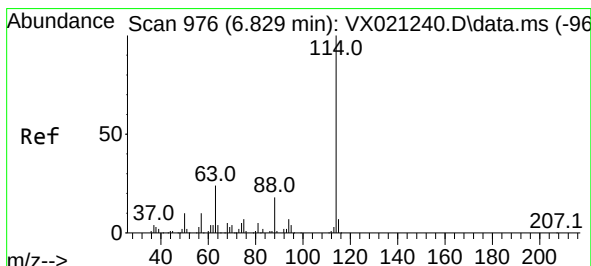
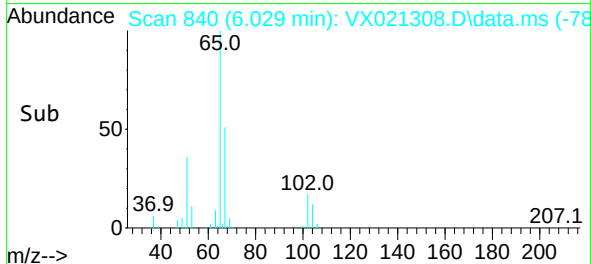
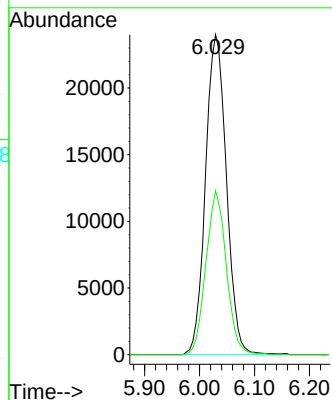
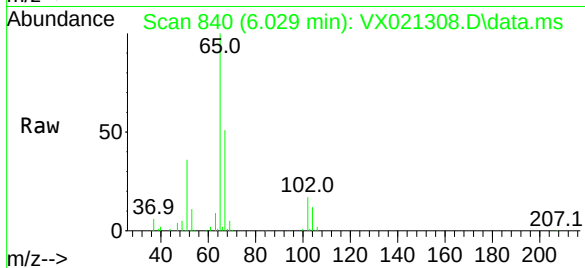
Acq: 19 Mar 2021 17:37

Tgt Ion: 65 Resp: 63434

Ion Ratio Lower Upper

65 100

67 50.1 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: VX021308.D

Acq: 19 Mar 2021 17:37

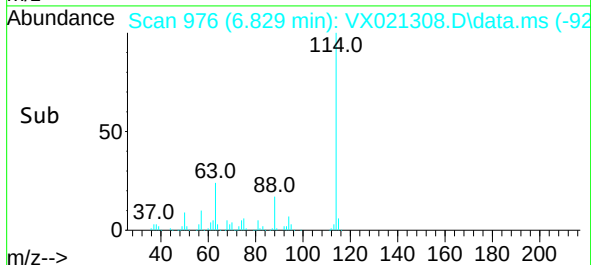
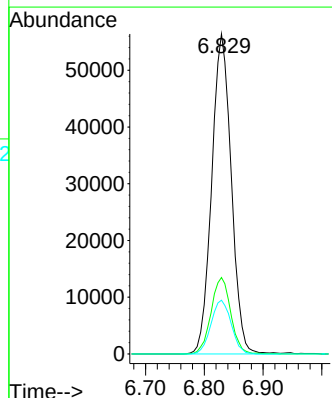
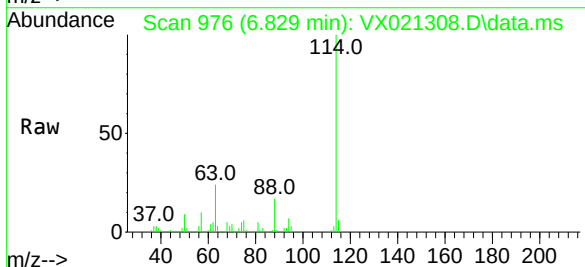
Tgt Ion: 114 Resp: 130286

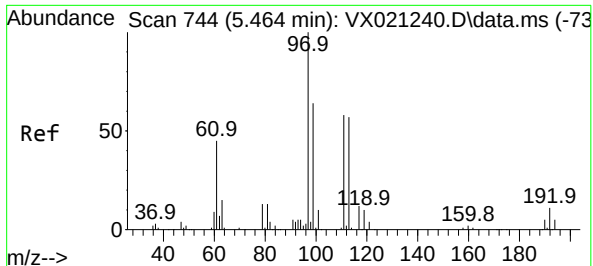
Ion Ratio Lower Upper

114 100

63 23.9 0.0 40.8

88 16.8 0.0 32.8

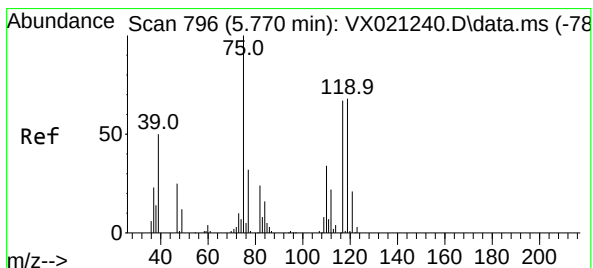
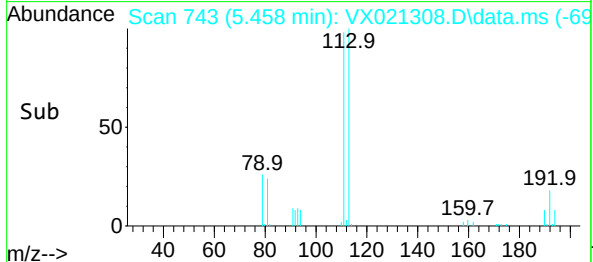
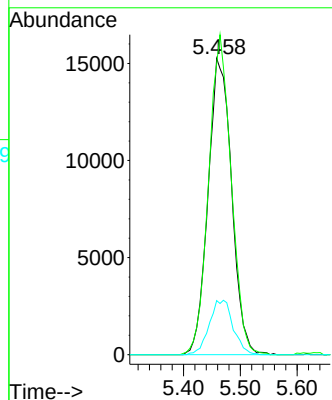
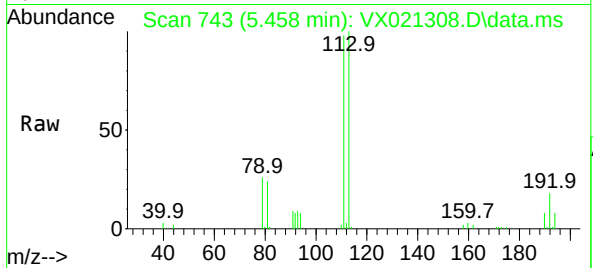




#35
Dibromofluoromethane
Concen: 49.67 ug/l
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37

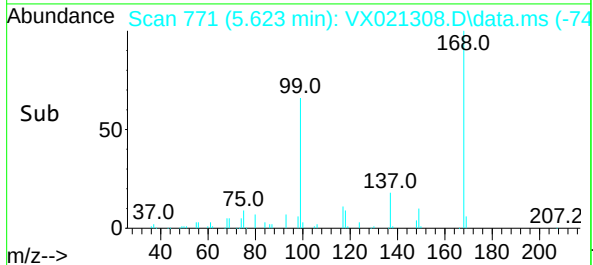
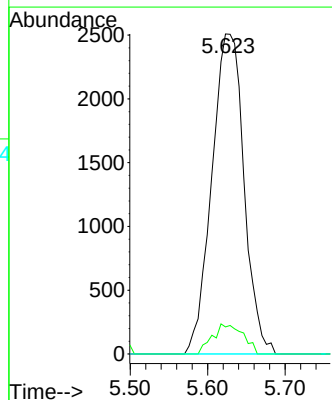
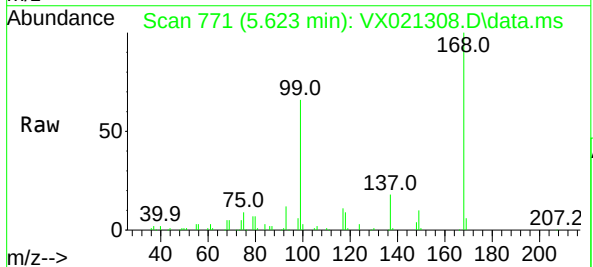
Instrument :
MSVOA_X
ClientSampled :

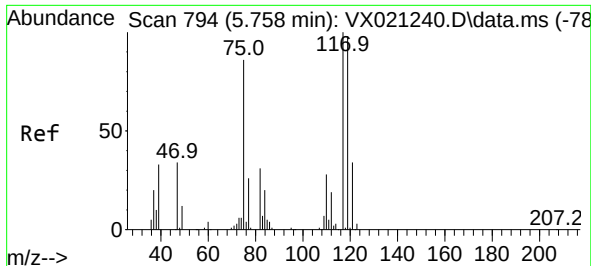
Tgt Ion:113 Resp: 44035
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 18.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.53 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37

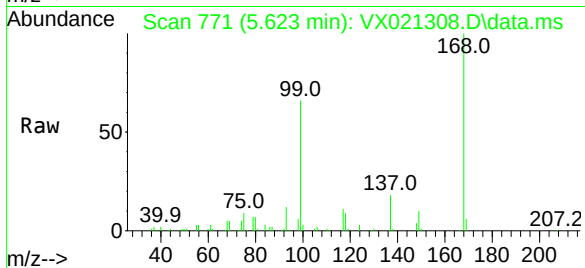
Tgt Ion: 75 Resp: 7261
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



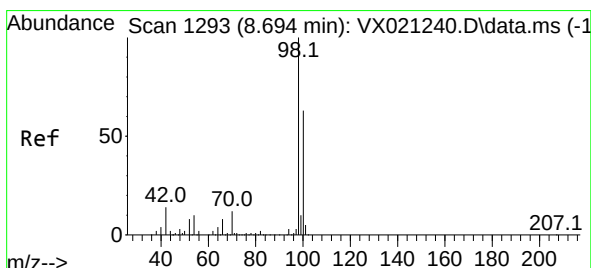
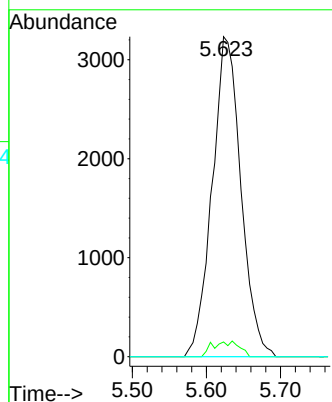
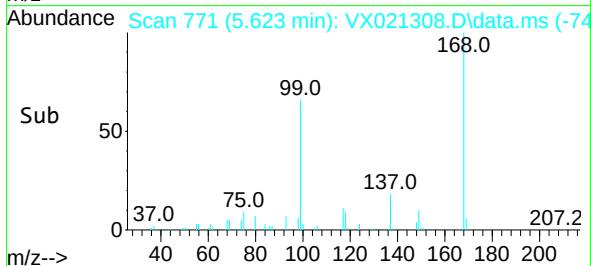


#38
Carbon Tetrachloride
Concen: 6.38 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37

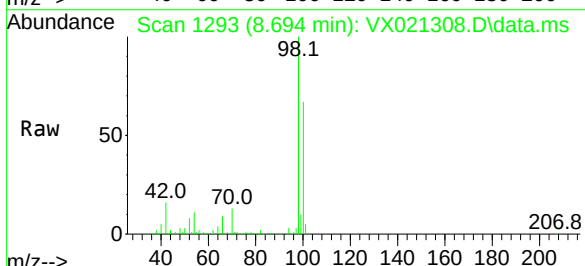
Instrument :
MSVOA_X
ClientSampled :



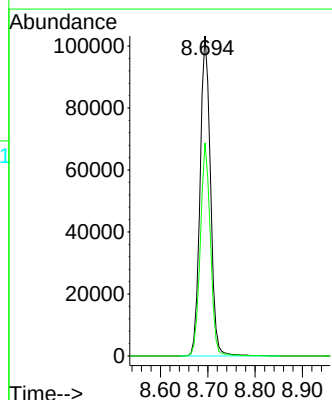
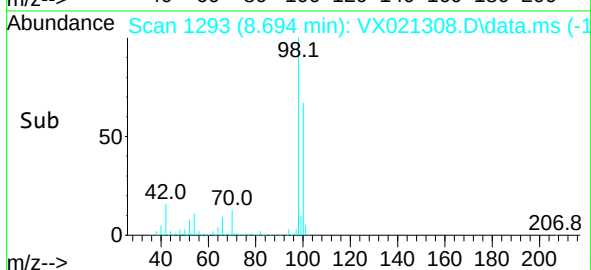
Tgt Ion:117 Resp: 8703
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

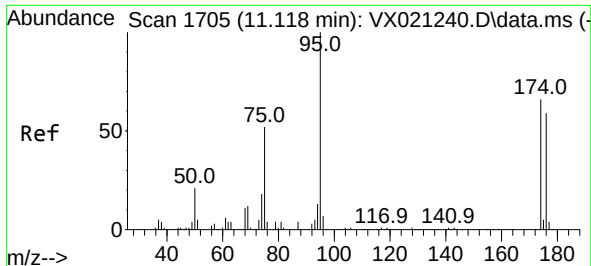


#50
Toluene-d8
Concen: 48.94 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37



Tgt Ion: 98 Resp: 157440
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

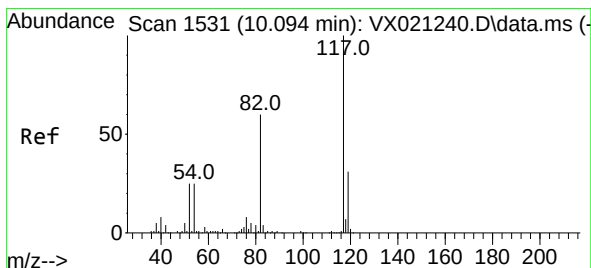
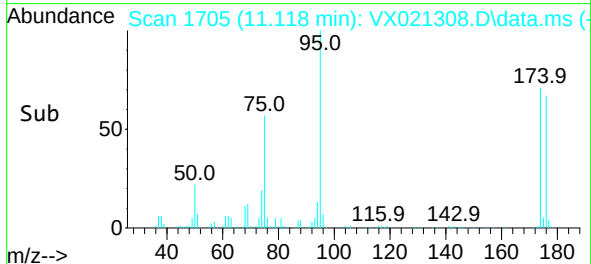
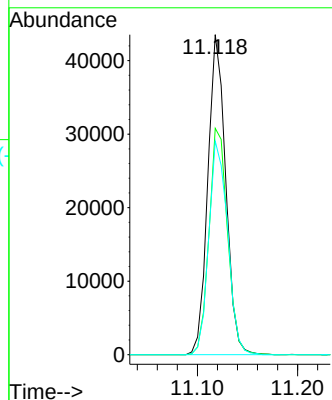
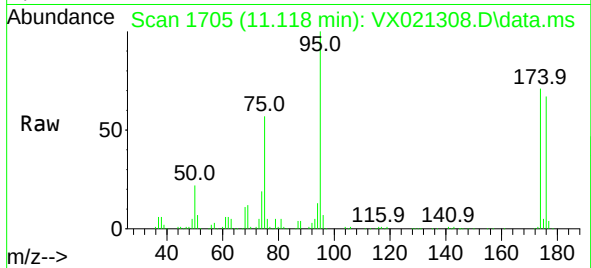




#62
4-Bromofluorobenzene
Concen: 43.16 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37

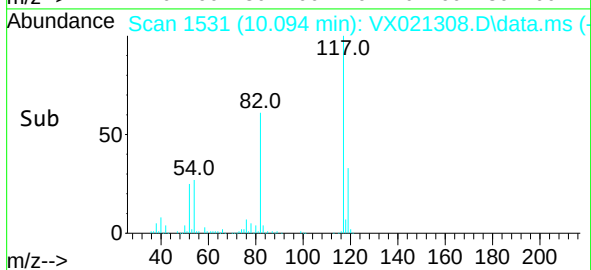
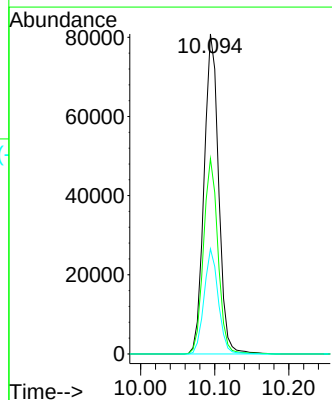
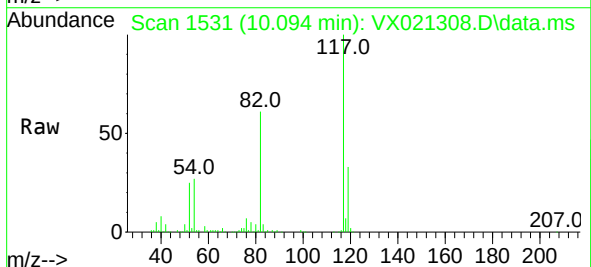
Instrument :
MSVOA_X
ClientSampleId :

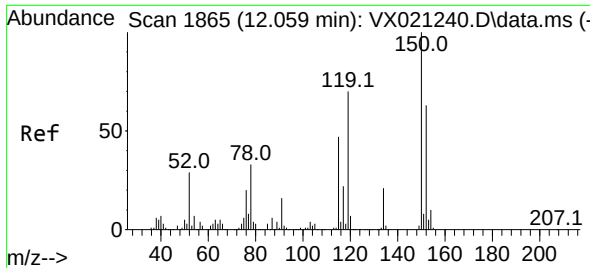
Tgt Ion: 95 Resp: 53913
Ion Ratio Lower Upper
95 100
174 73.3 0.0 154.6
176 70.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021308.D
Acq: 19 Mar 2021 17:37

Tgt Ion: 117 Resp: 110358
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 32.9 26.6 39.8

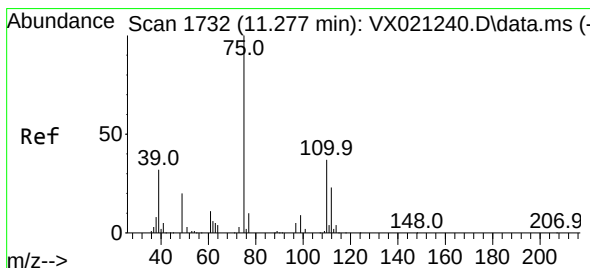
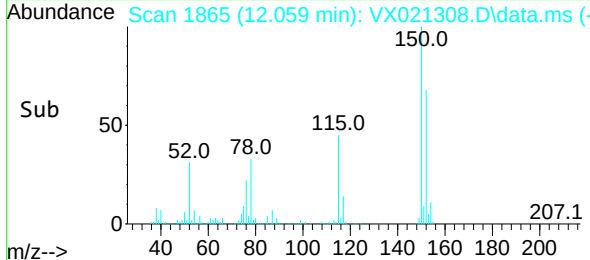
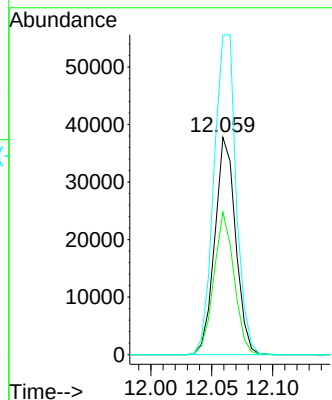
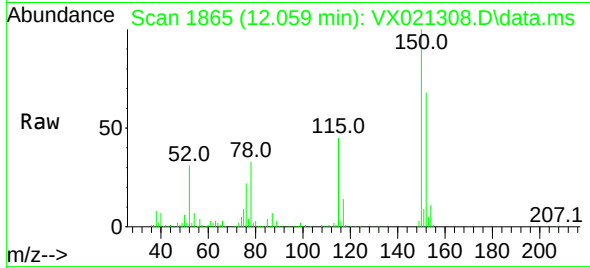




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021308.D
 Acq: 19 Mar 2021 17:37

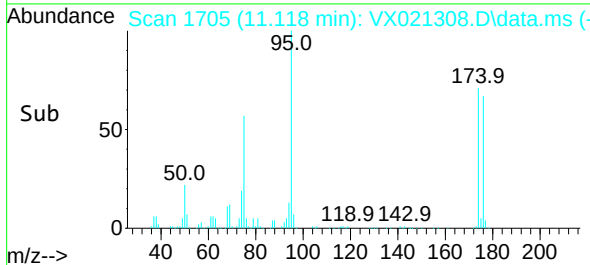
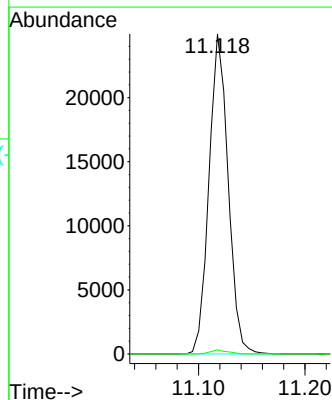
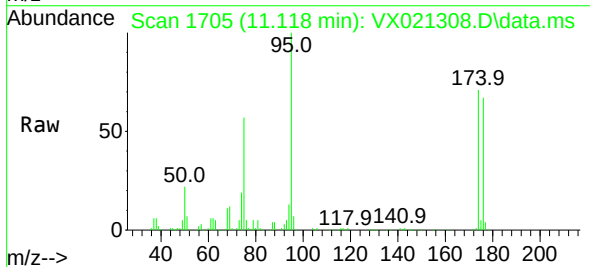
Instrument :
 MSVOA_X
 ClientSampled :

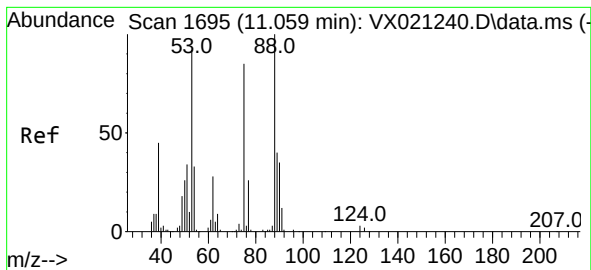
Tgt Ion:152 Resp: 44949
 Ion Ratio Lower Upper
 152 100
 115 63.7 41.1 123.3
 150 156.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.86 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021308.D
 Acq: 19 Mar 2021 17:37

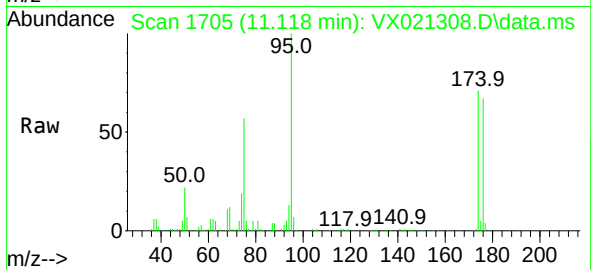
Tgt Ion: 75 Resp: 31137
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.08 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021308.D
 Acq: 19 Mar 2021 17:37

Instrument :
 MSVOA_X
 ClientSampleId :



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

