

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021376.D
 Acq On : 23 Mar 2021 11:32
 Operator : JC/MD
 Sample : VX0323WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 23 15:03:24 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)

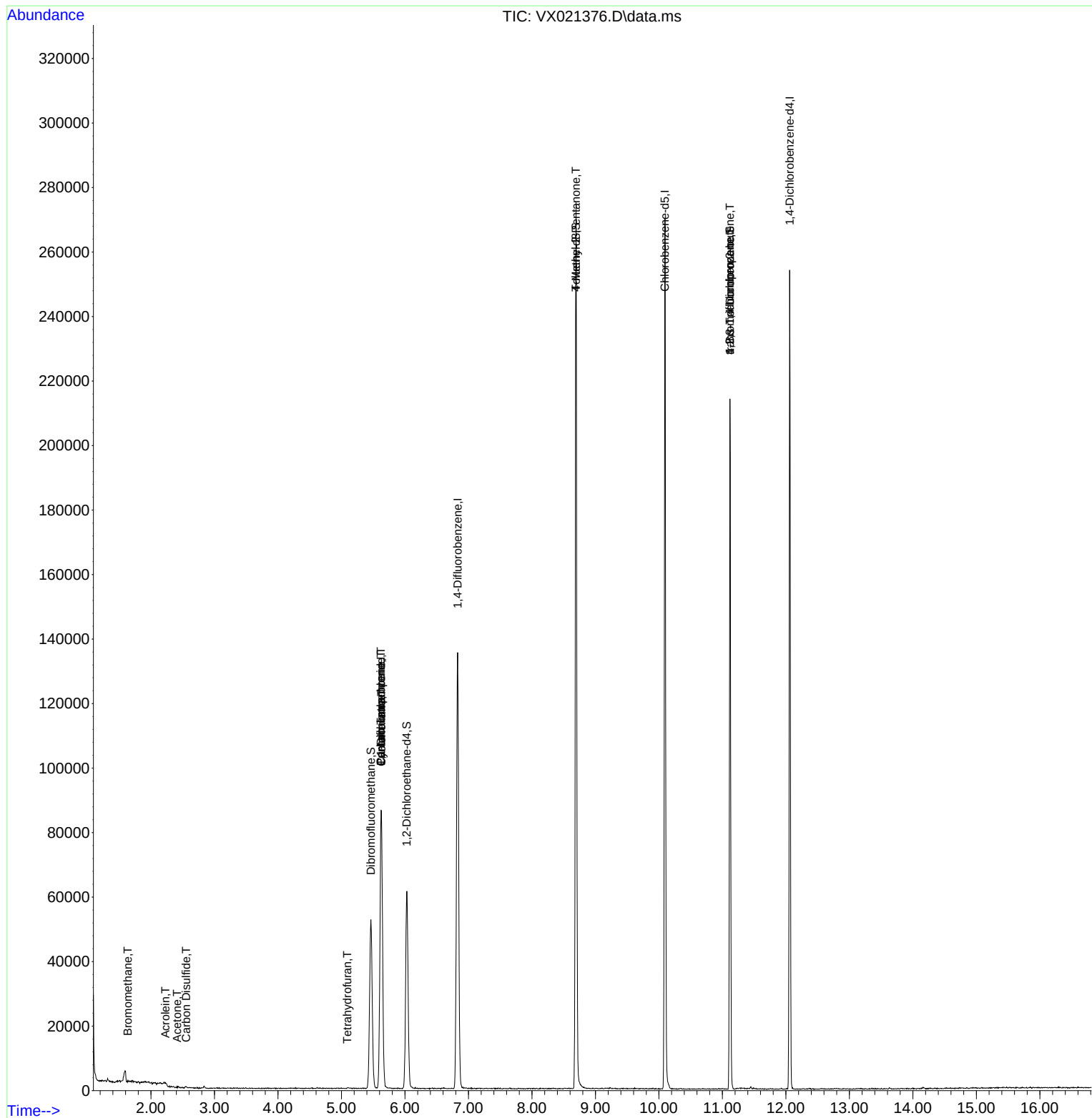
Internal Standards						
1) Pentafluorobenzene	5.623	168	75137	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	127113	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60506	49.10	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.20%
35) Dibromofluoromethane	5.464	113	43059	49.78	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.56%
50) Toluene-d8	8.694	98	154296	49.16	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.32%
62) 4-Bromofluorobenzene	11.118	95	53830	44.17	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.34%
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1264	Below Cal		95
5) Bromomethane	1.634	94	90	0.23 ug/l		86
13) Acrolein	2.228	56	23	3.31 ug/l #		1
16) Acetone	2.411	43	372	0.82 ug/l #		40
17) Carbon Disulfide	2.552	76	441	0.73 ug/l #		64
29) Tetrahydrofuran	5.094	42	141	0.31 ug/l #		27
31) Cyclohexane	5.629	56	2176	1.46 ug/l #		38
36) 1,1-Dichloropropene	5.623	75	6835	5.34 ug/l #		49
38) Carbon Tetrachloride	5.623	117	8496	6.39 ug/l #		17
51) 4-Methyl-2-Pentanone	8.694	43	988	0.70 ug/l #		1
76) 1,2,3-Trichloropropane	11.118	75	30778	28.34 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	30778	76.94 ug/l #		12

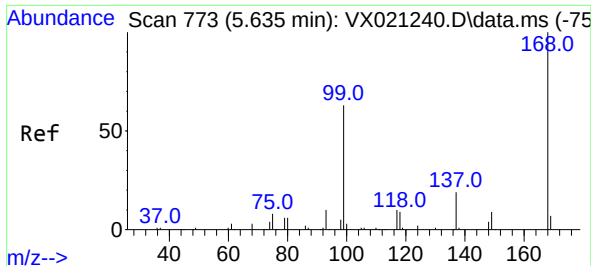
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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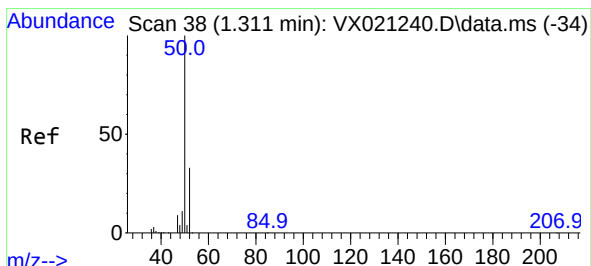
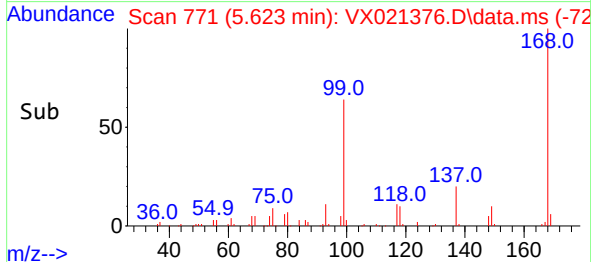
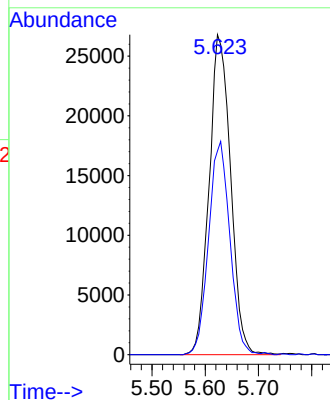
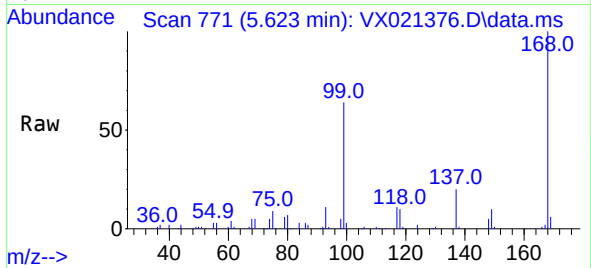




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.012 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

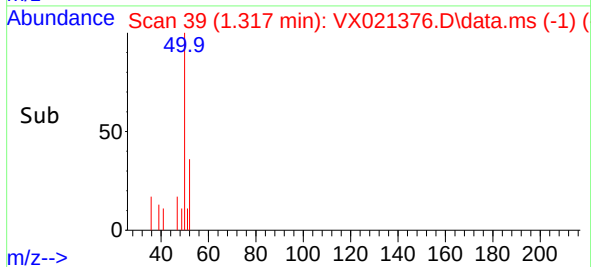
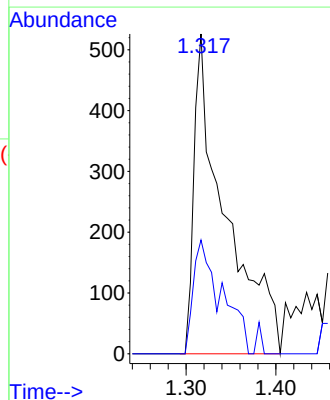
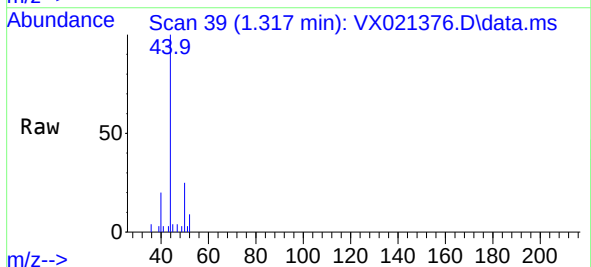
Instrument :
MSVOA_X
ClientSampled :

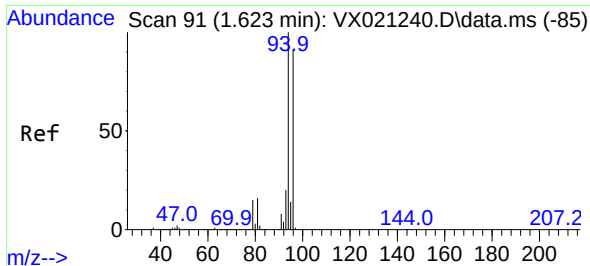
Tgt Ion:168 Resp: 75137
Ion Ratio Lower Upper
168 100
99 63.6 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

Tgt Ion: 50 Resp: 1264
Ion Ratio Lower Upper
50 100
52 35.6 26.4 39.6

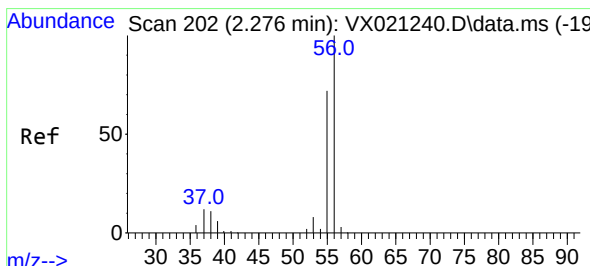
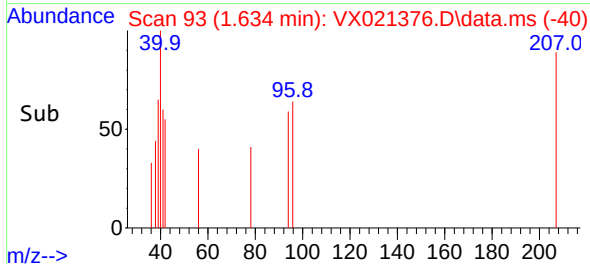
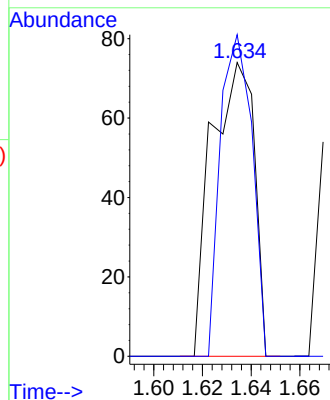
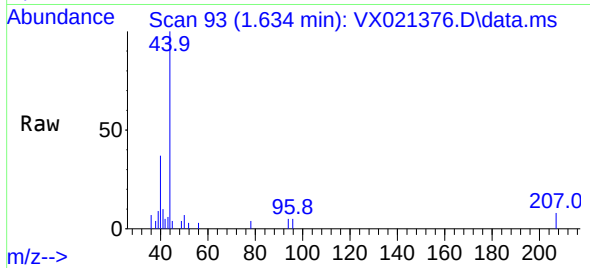




#5
Bromomethane
Concen: 0.23 ug/l
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

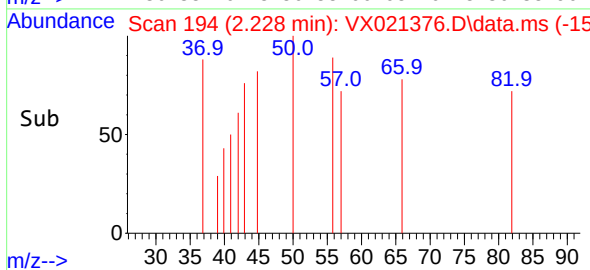
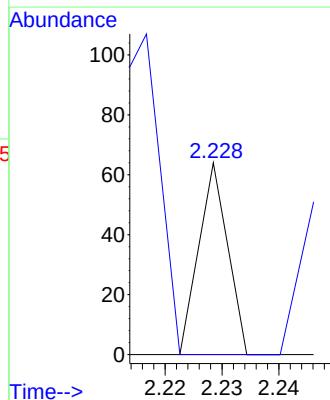
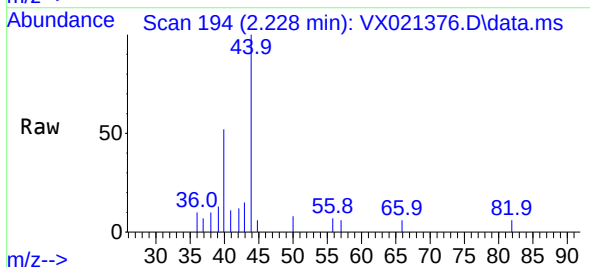
Instrument :
MSVOA_X
ClientSampled :

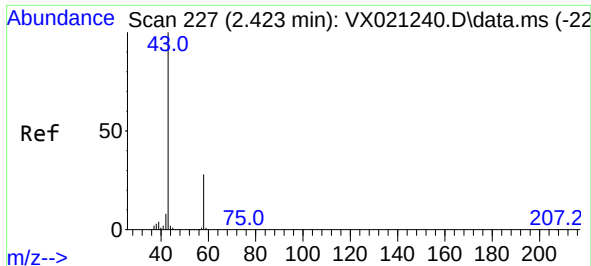
Tgt Ion: 94 Resp: 90
Ion Ratio Lower Upper
94 100
96 109.5 76.4 114.6



#13
Acrolein
Concen: 3.31 ug/l
RT: 2.228 min Scan# 194
Delta R.T. -0.048 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 478.3 56.4 84.6#

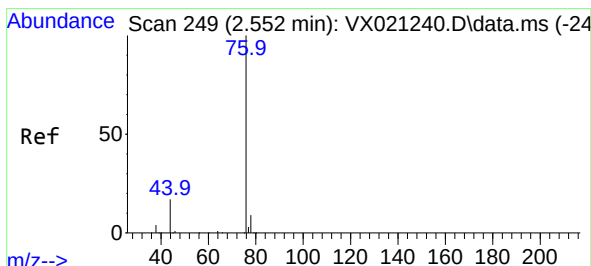
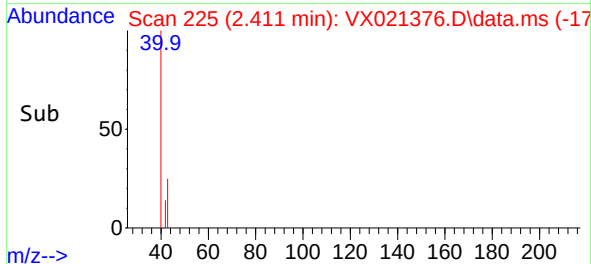
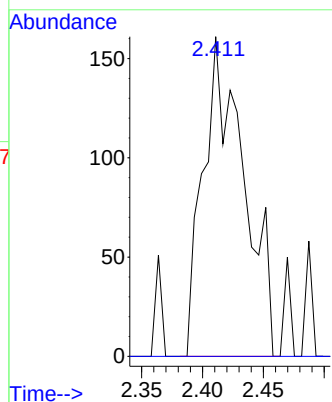
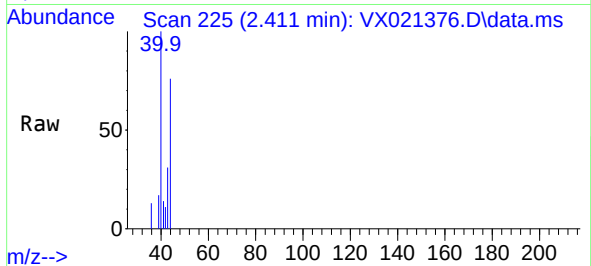




#16
Acetone
Concen: 0.82 ug/l
RT: 2.411 min Scan# 225
Delta R.T. -0.012 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

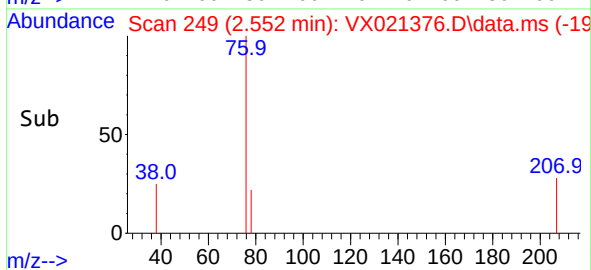
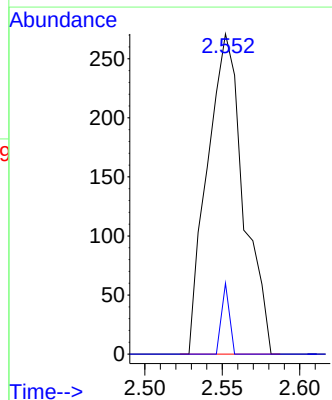
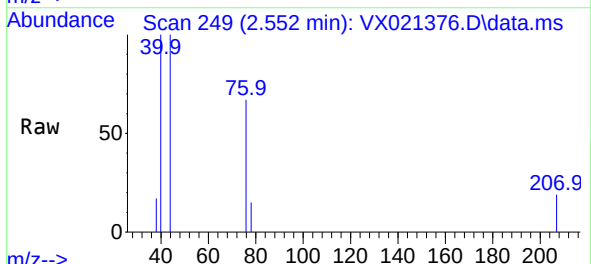
Instrument :
MSVOA_X
ClientSampled :

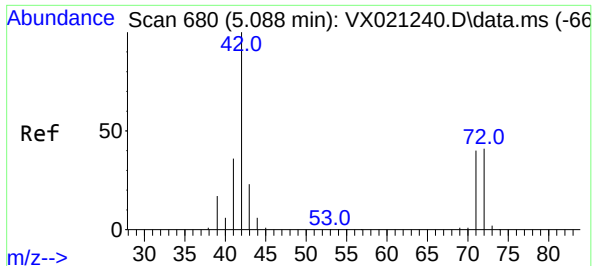
Tgt Ion: 43 Resp: 372
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.73 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

Tgt Ion: 76 Resp: 441
Ion Ratio Lower Upper
76 100
78 22.1 7.2 10.8#





#29

Tetrahydrofuran

Concen: 0.31 ug/l

RT: 5.094 min Scan# 681

Delta R.T. 0.006 min

Lab File: VX021376.D

Acq: 23 Mar 2021 11:32

Tgt Ion: 42 Resp: 141

Ion Ratio Lower Upper

42 100

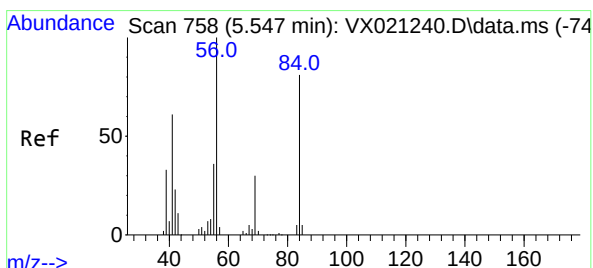
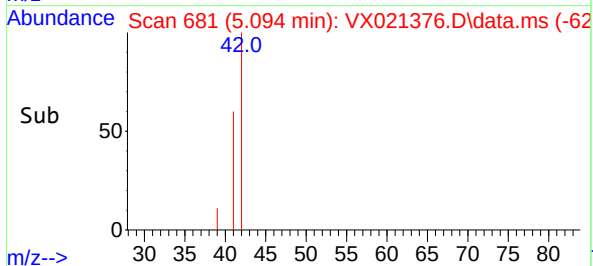
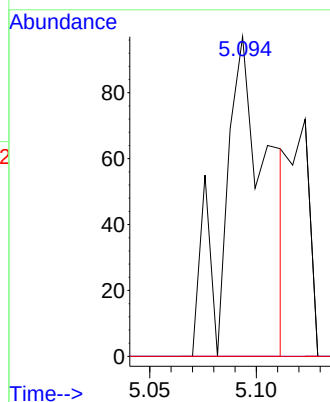
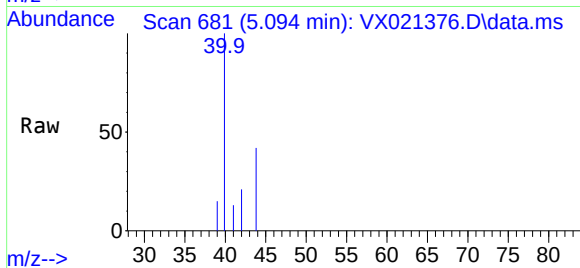
72 0.0 41.7 62.5#

71 0.0 38.4 57.6#

Instrument :

MSVOA_X

ClientSampled :



#31

Cyclohexane

Concen: 1.46 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.082 min

Lab File: VX021376.D

Acq: 23 Mar 2021 11:32

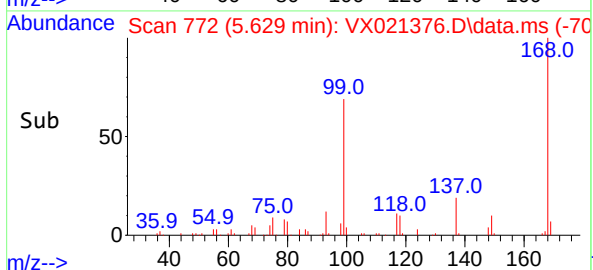
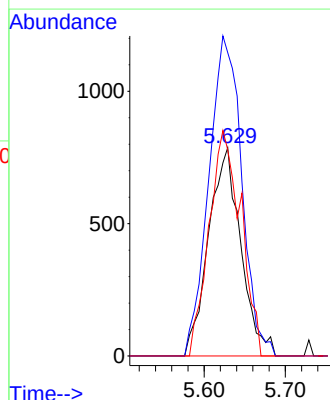
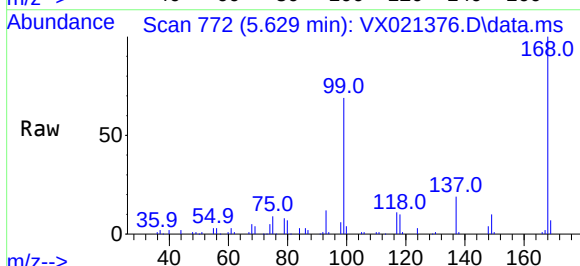
Tgt Ion: 56 Resp: 2176

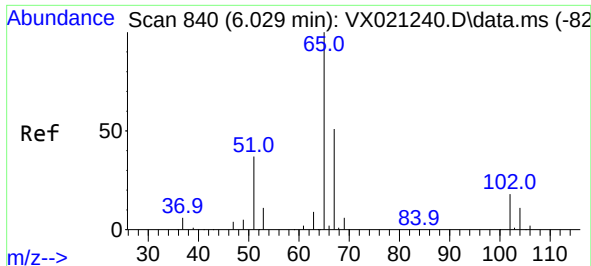
Ion Ratio Lower Upper

56 100

69 145.6 25.3 37.9#

84 99.0 71.4 107.0



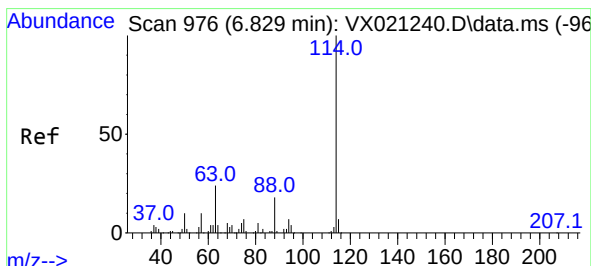
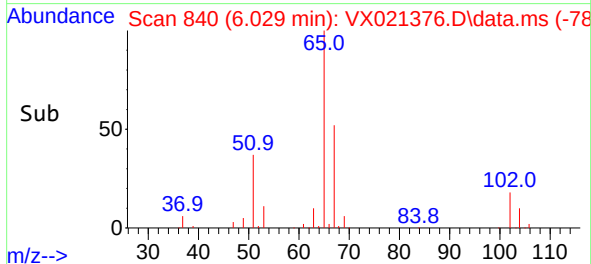
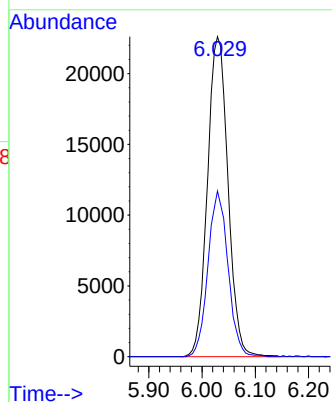
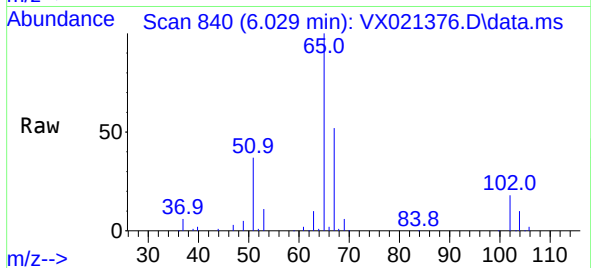


#33

1,2-Dichloroethane-d4
Concen: 49.10 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

Instrument :
MSVOA_X
ClientSampleId :

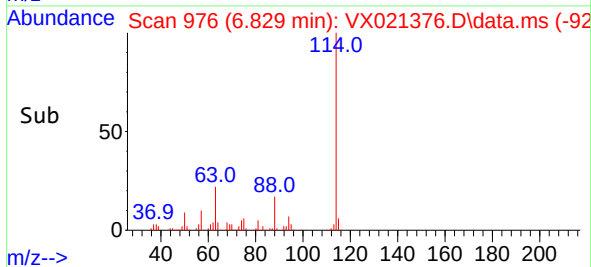
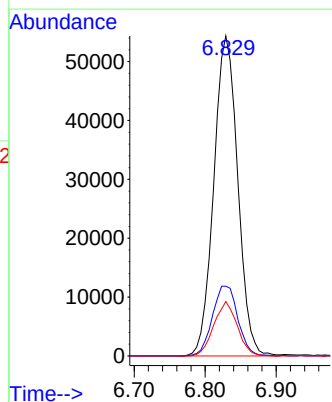
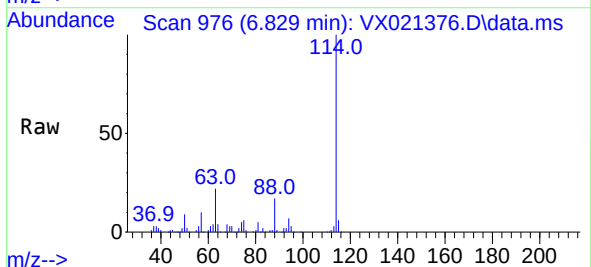
Tgt Ion: 65 Resp: 60506
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

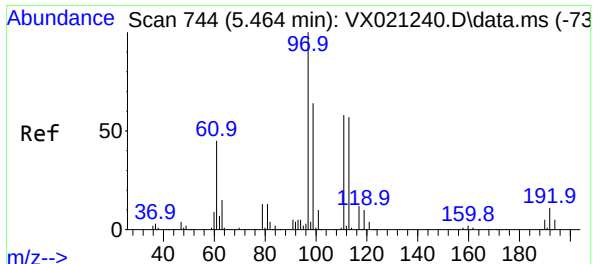


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

Tgt Ion:114 Resp: 127113
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 17.0 0.0 32.8



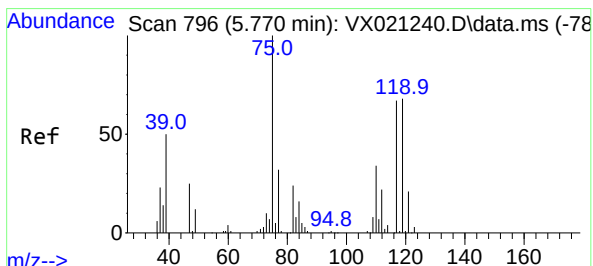
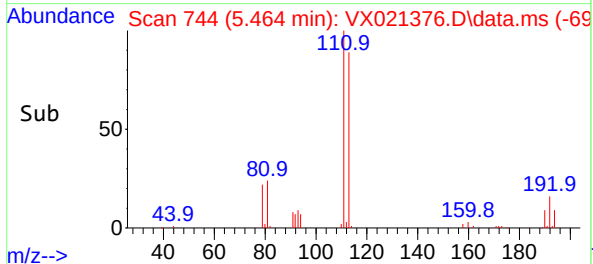
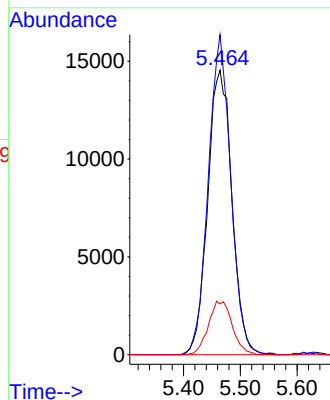
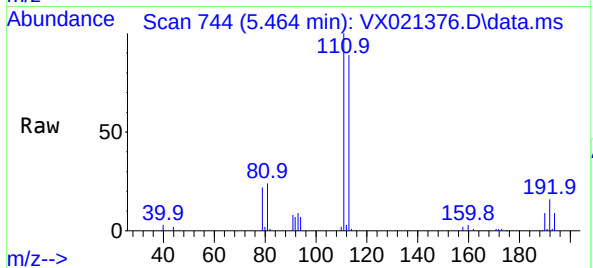


#35
Dibromofluoromethane
Concen: 49.78 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:113 Resp: 43059

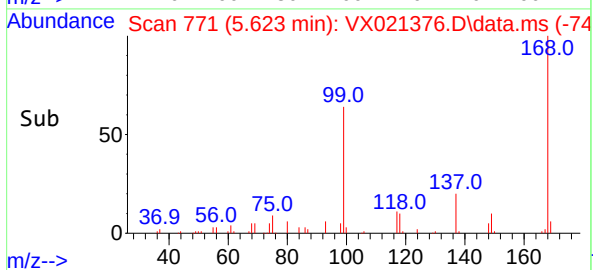
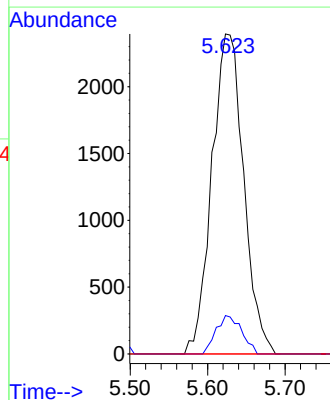
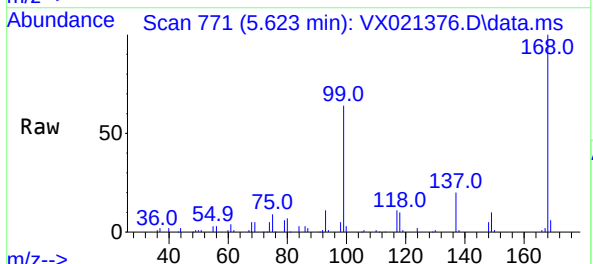
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.9	122.9
192	18.6	16.7	25.1

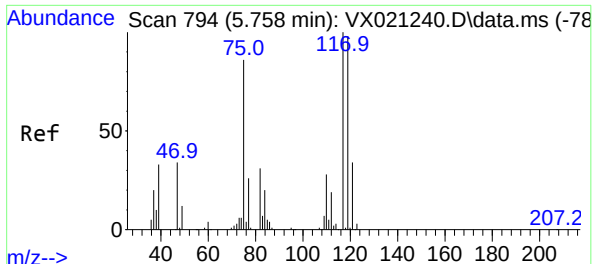


#36
1,1-Dichloropropene
Concen: 5.34 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

Tgt Ion: 75 Resp: 6835

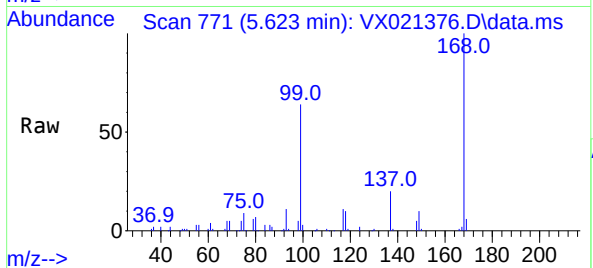
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	25.3	37.9#



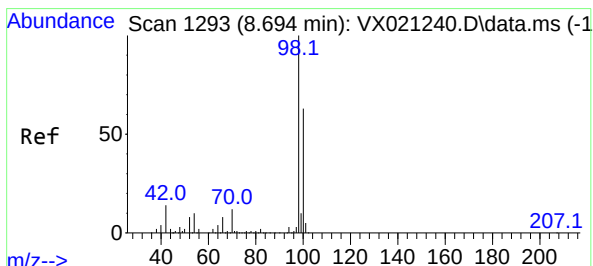
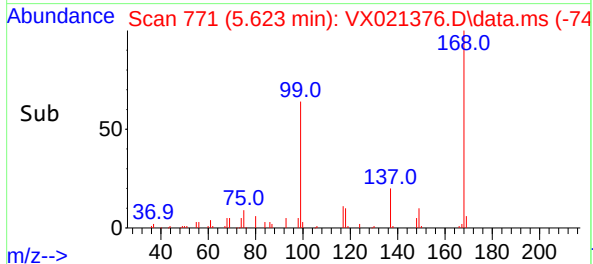
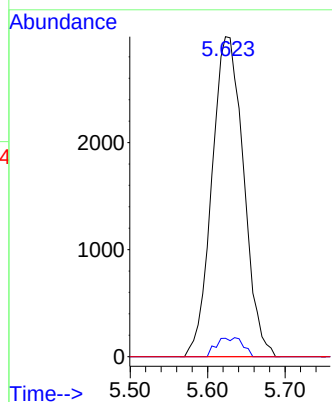


#38
Carbon Tetrachloride
Concen: 6.39 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

Instrument :
MSVOA_X
ClientSampled :

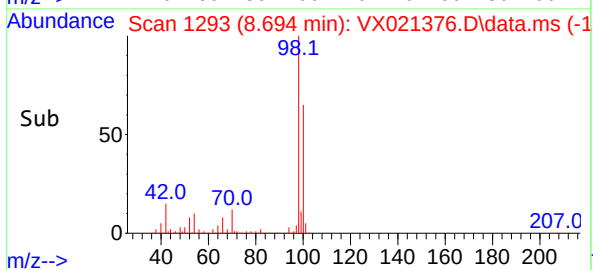
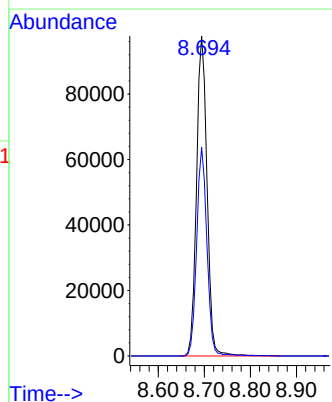
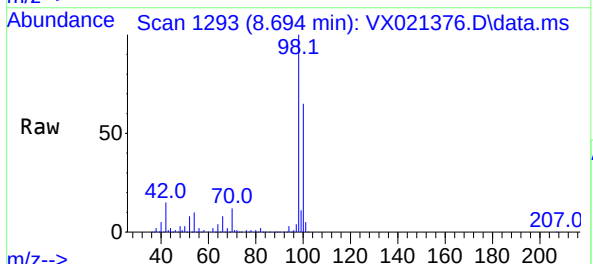


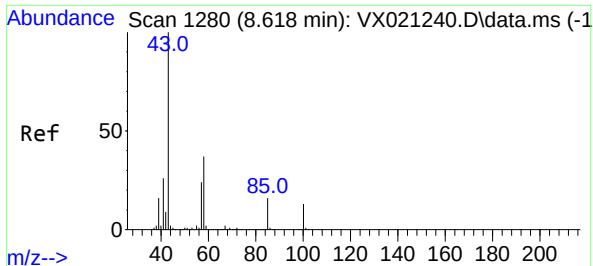
Tgt Ion:117 Resp: 8496
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.16 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

Tgt Ion: 98 Resp: 154296
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

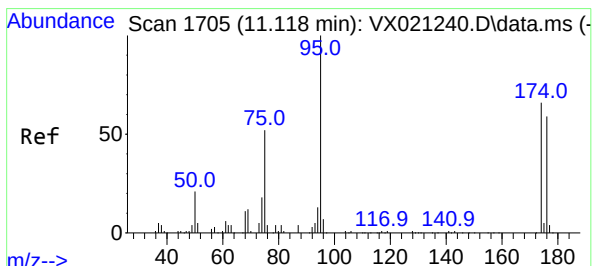
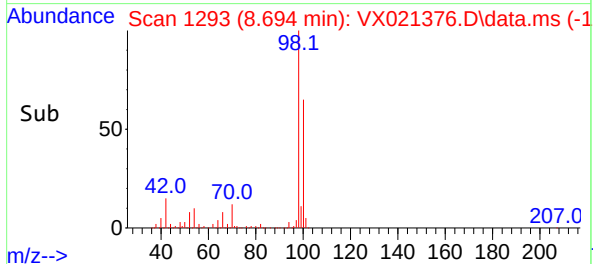
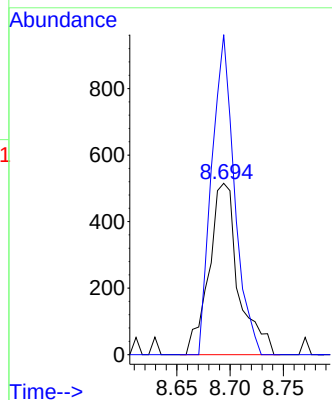
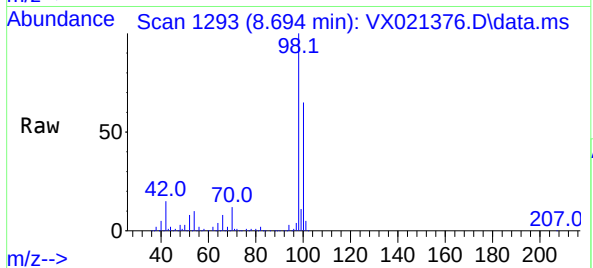




#51
4-Methyl-2-Pentanone
Concen: 0.70 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

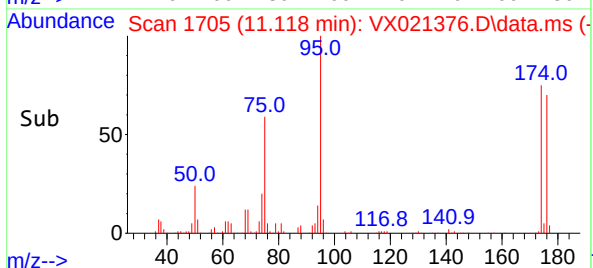
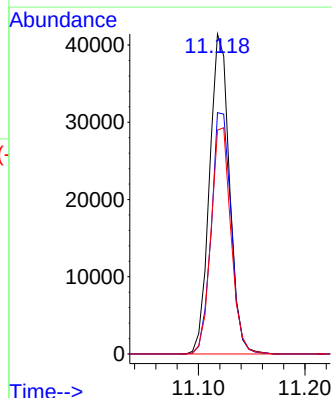
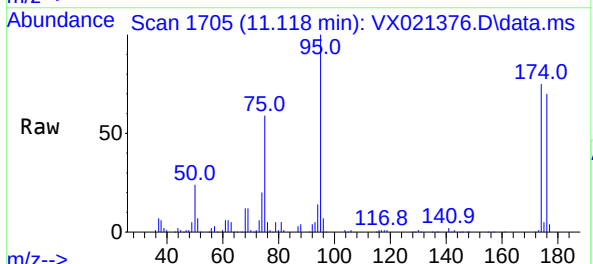
Instrument :
MSVOA_X
ClientSampled :

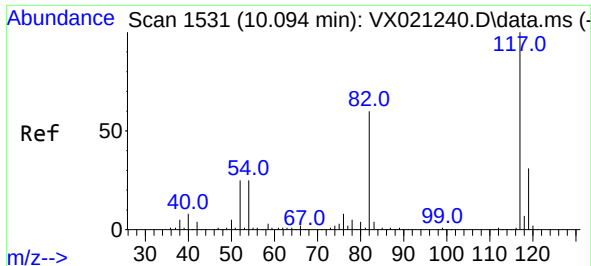
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 144.4 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.17 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

Tgt Ion: 95 Resp: 53830
Ion Ratio Lower Upper
95 100
174 75.2 0.0 154.6
176 70.7 0.0 155.8

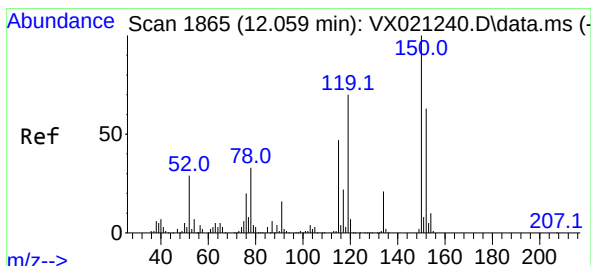
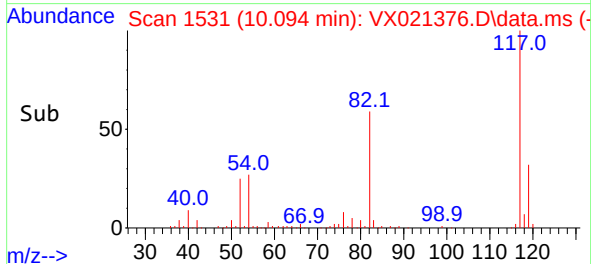
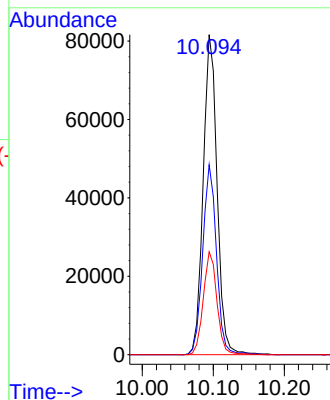
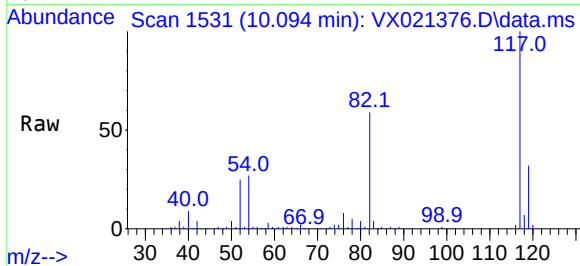




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

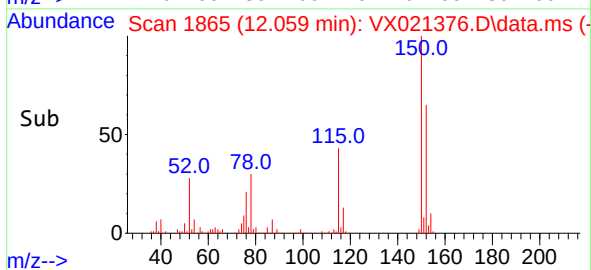
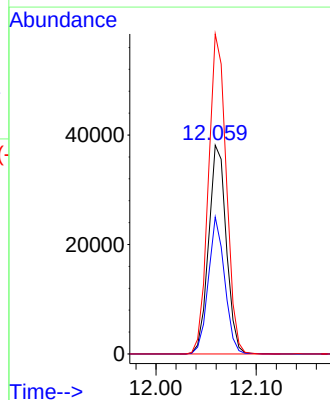
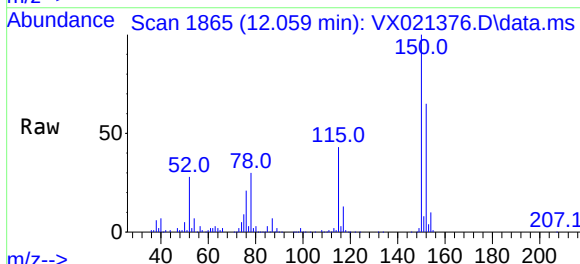
Instrument :
MSVOA_X
ClientSampleId :

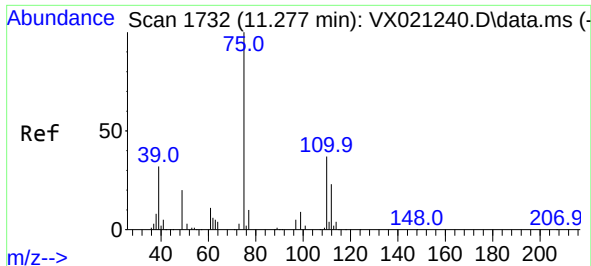
Tgt Ion:117 Resp: 111405
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

Tgt Ion:152 Resp: 46817
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 154.6 0.0 349.0

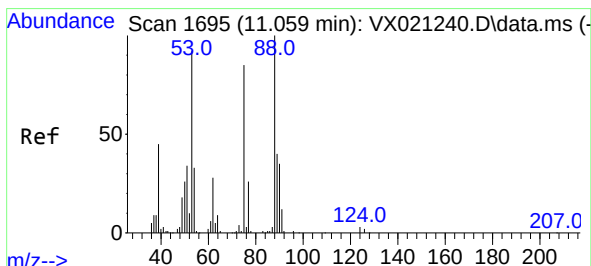
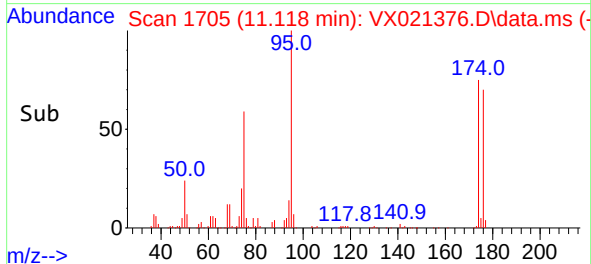
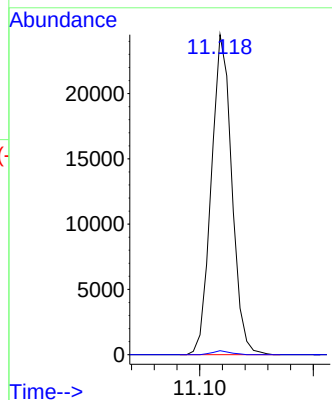
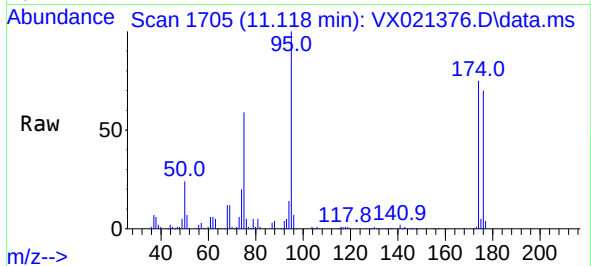




#76
1,2,3-Trichloropropane
Concen: 28.34 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 30778
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.94 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021376.D
Acq: 23 Mar 2021 11:32

Tgt Ion: 75 Resp: 30778
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

