

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
 Data File : VX023450.D
 Acq On : 26 Jul 2021 14:50
 Operator : JC/MD
 Sample : M3146-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 03:27:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	170868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	290264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	258717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101530	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	111863	52.48	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.96%
35) Dibromofluoromethane	5.397	113	92788	51.13	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.26%
50) Toluene-d8	8.653	98	346275	51.93	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.86%
62) 4-Bromofluorobenzene	11.085	95	113177	49.92	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.84%

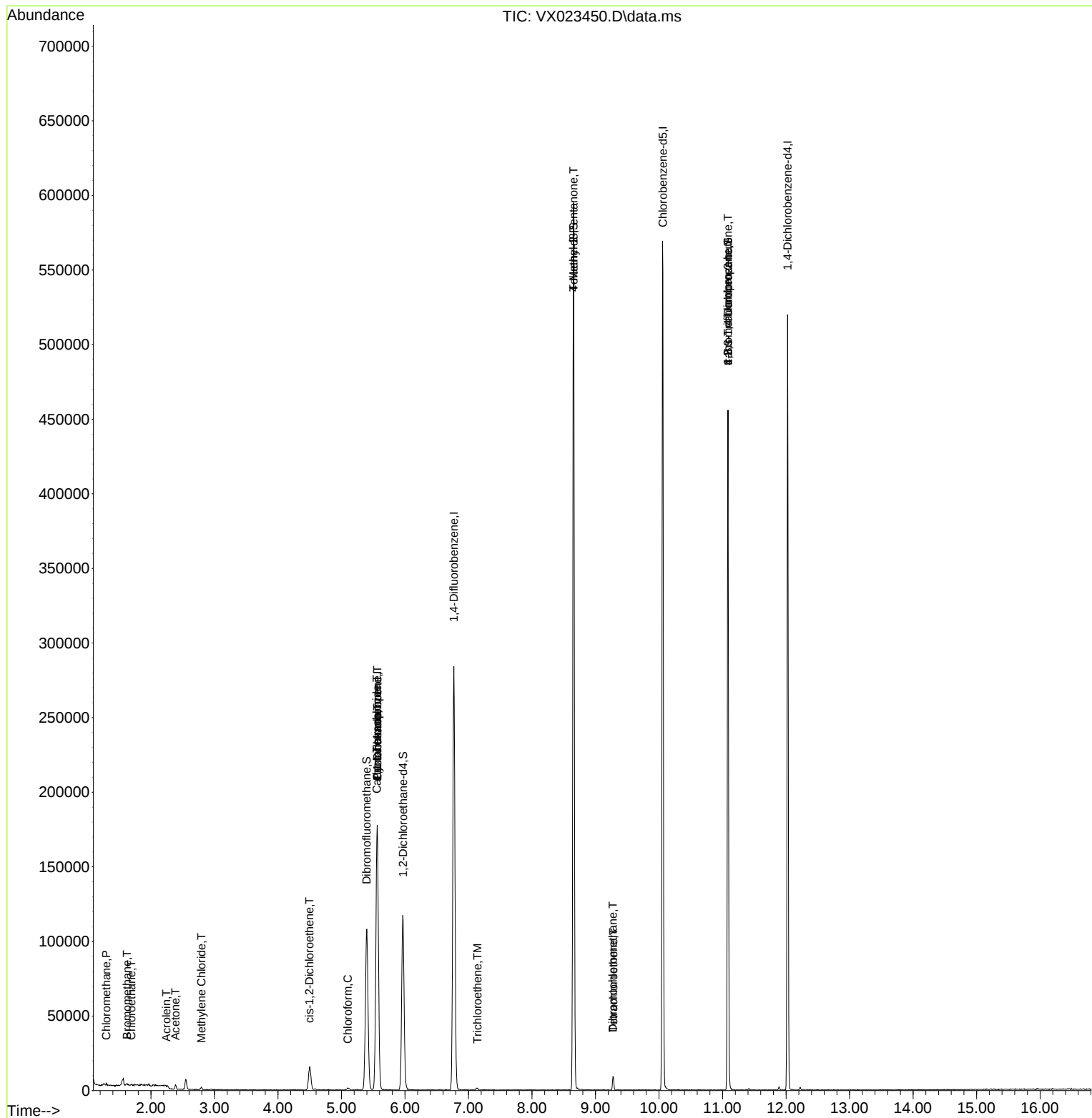
Target Compounds						Qvalue
3) Chloromethane	1.294	50	555	0.30	ug/l	92
5) Bromomethane	1.624	94	580	0.53	ug/l #	67
6) Chloroethane	1.691	64	383	0.34	ug/l #	43
13) Acrolein	2.239	56	43	1.54	ug/l #	14
16) Acetone	2.386	43	2946	2.82	ug/l #	83
20) Methylene Chloride	2.794	84	755	0.37	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	9148	4.42	ug/l	96
30) Chloroform	5.099	83	1687	0.50	ug/l #	72
31) Cyclohexane	5.562	56	3823	1.21	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12924	4.92	ug/l #	50
38) Carbon Tetrachloride	5.556	117	17023	6.37	ug/l #	18
44) Trichloroethene	7.141	130	647	0.30	ug/l	54
51) 4-Methyl-2-Pentanone	8.653	43	1648	0.53	ug/l #	1
60) Dibromochloromethane	9.275	129	1608	2.70	ug/l #	11
64) Tetrachloroethene	9.281	164	1684	0.82	ug/l #	84
76) 1,2,3-Trichloropropane	11.085	75	58008	25.96	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58008	69.81	ug/l #	12

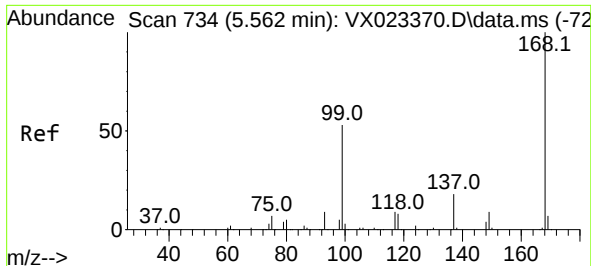
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
Data File : VX023450.D
Acq On : 26 Jul 2021 14:50
Operator : JC/MD
Sample : M3146-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 27 03:27:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

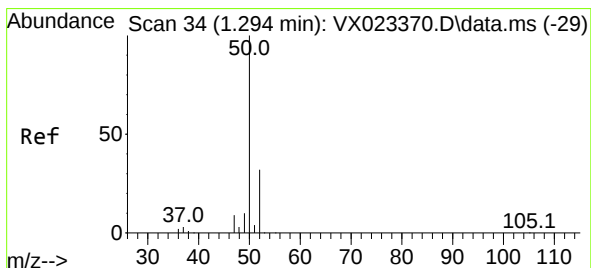
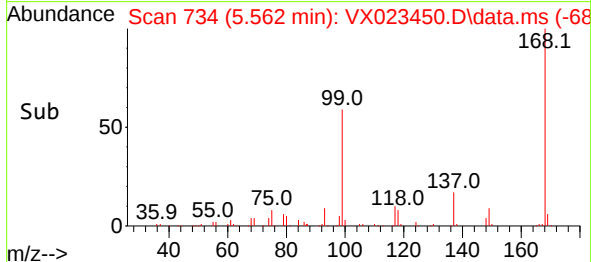
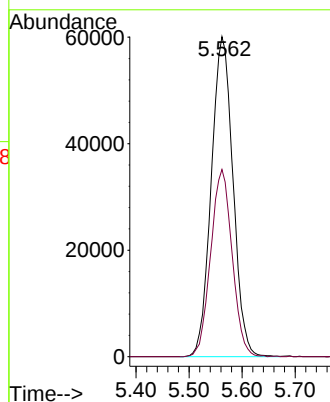
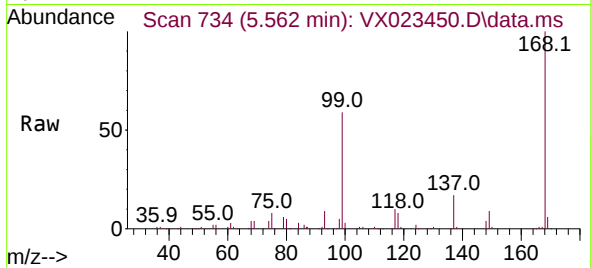




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

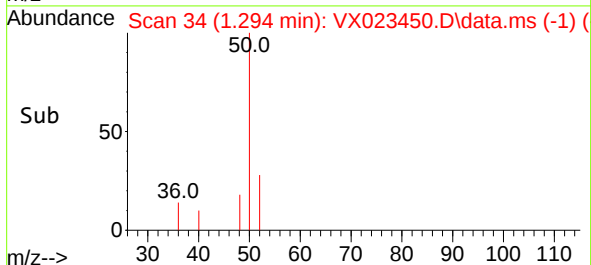
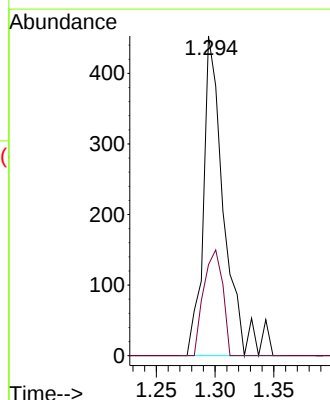
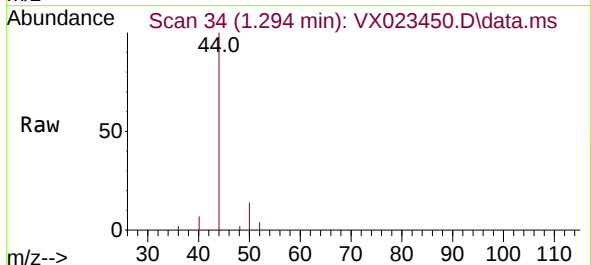
Instrument :
MSVOA_X
ClientSampleId :

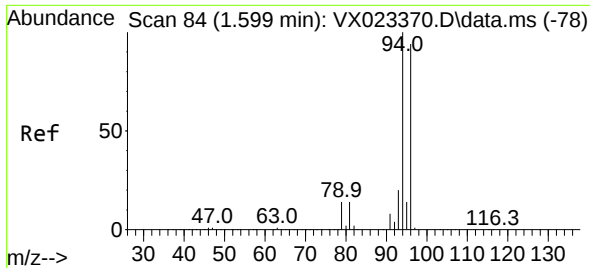
Tgt Ion:168 Resp: 170868
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



#3
Chloromethane
Concen: 0.30 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

Tgt Ion: 50 Resp: 555
Ion Ratio Lower Upper
50 100
52 28.5 26.4 39.6

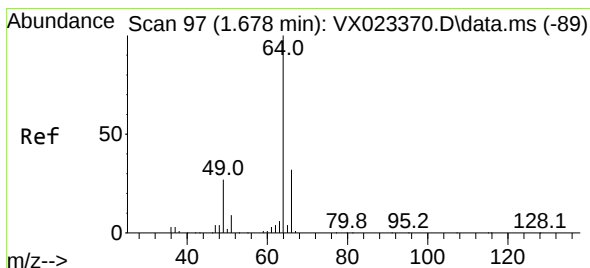
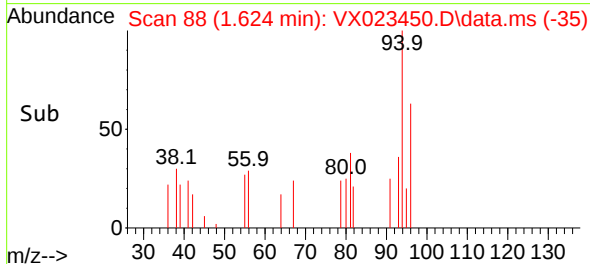
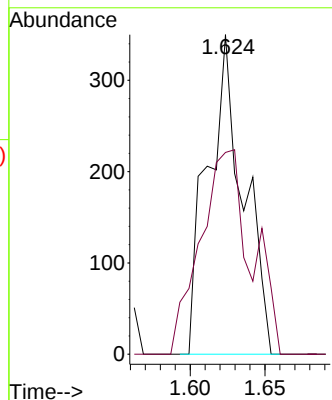
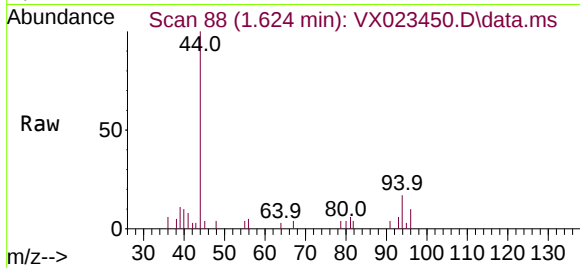




#5
Bromomethane
Concen: 0.53 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

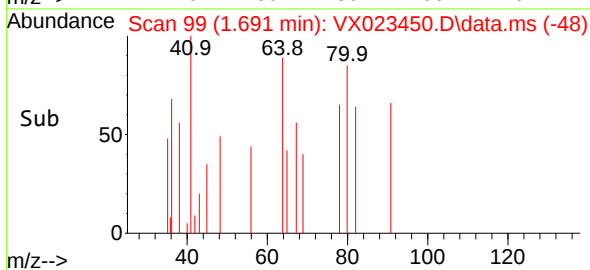
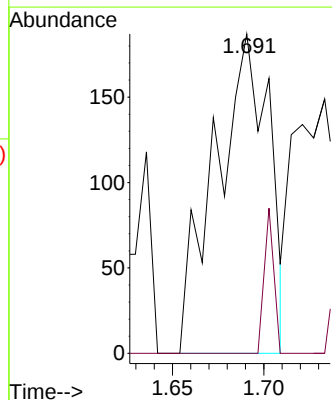
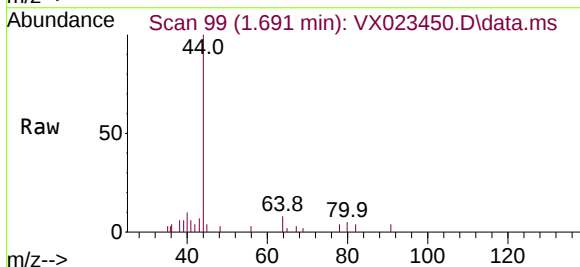
Instrument :
MSVOA_X
ClientSampleId :

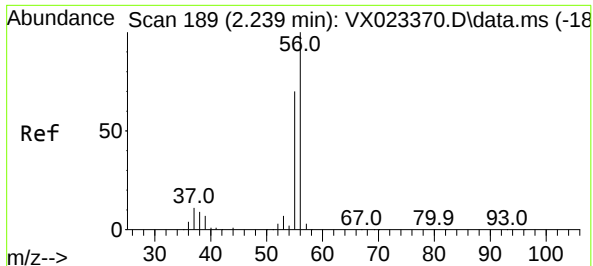
Tgt Ion: 94 Resp: 580
Ion Ratio Lower Upper
94 100
96 63.1 76.4 114.6#



#6
Chloroethane
Concen: 0.34 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

Tgt Ion: 64 Resp: 383
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

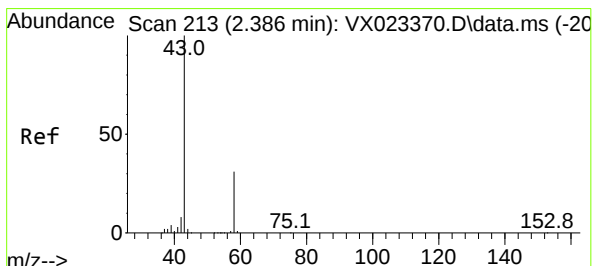
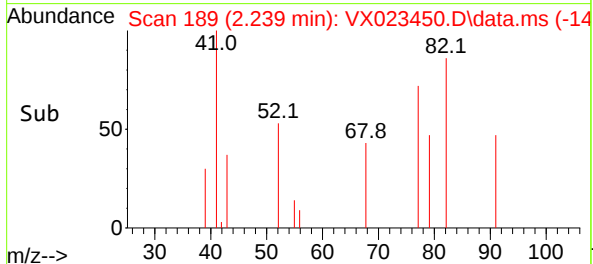
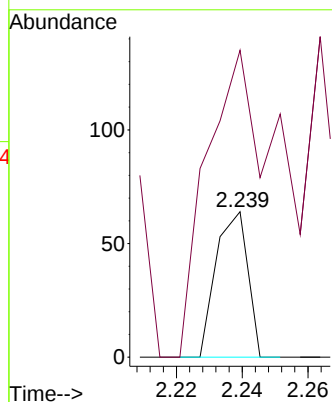
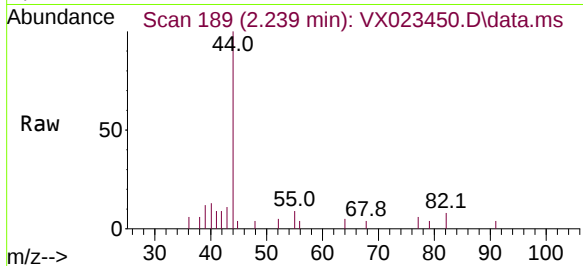




#13
Acrolein
Concen: 1.54 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

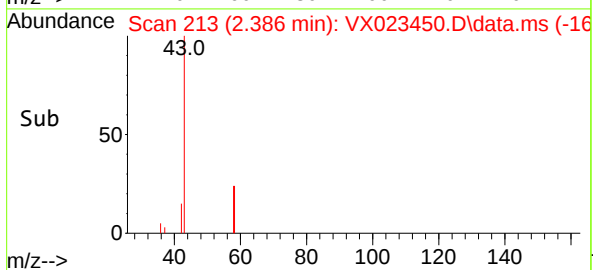
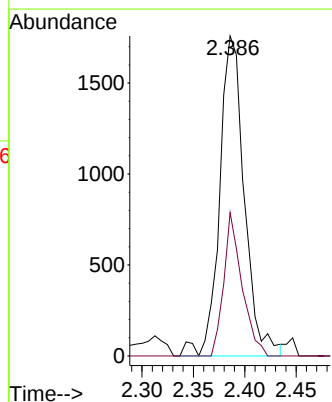
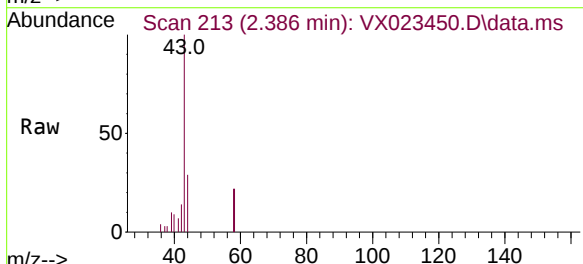
Instrument :
MSVOA_X
ClientSampleId :

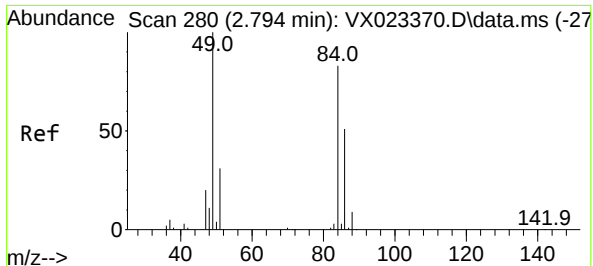
Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 2.82 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

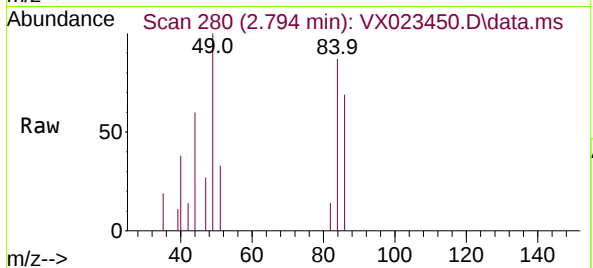
Tgt Ion: 43 Resp: 2946
Ion Ratio Lower Upper
43 100
58 44.8 27.8 41.8#



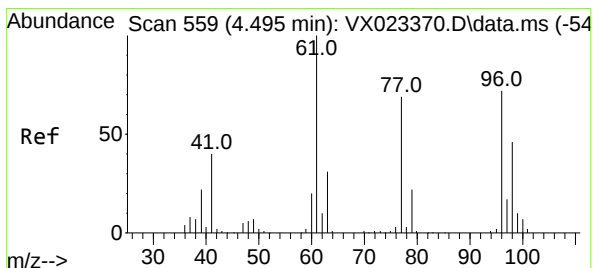
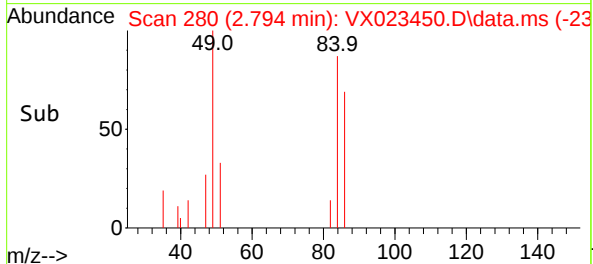
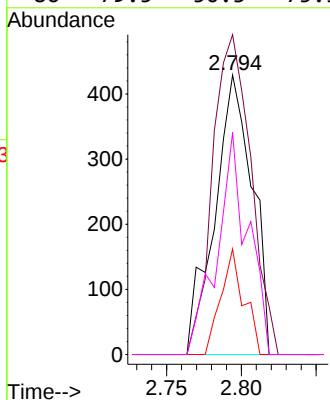


#20
Methylene Chloride
Concen: 0.37 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

Instrument :
MSVOA_X
ClientSampleId :

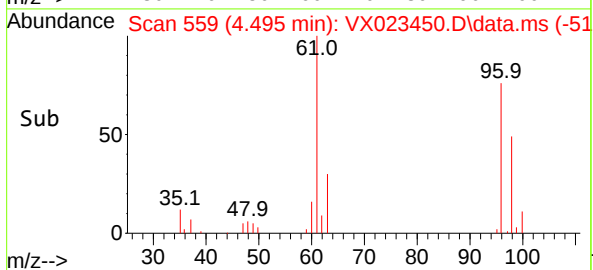
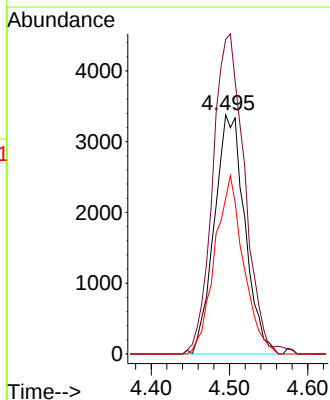
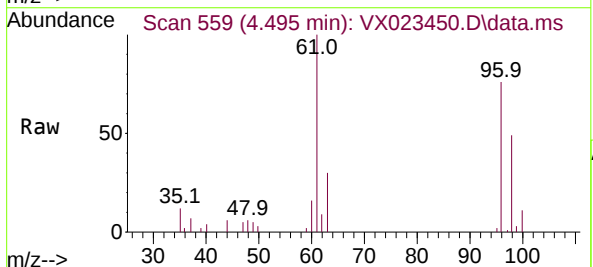


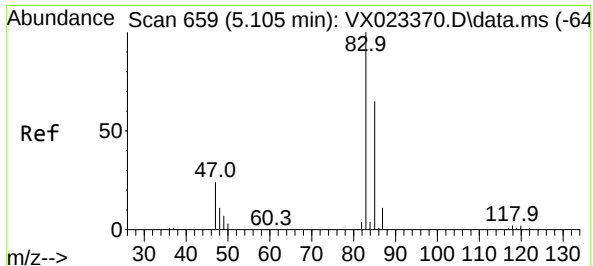
Tgt Ion: 84	Resp: 755
Ion Ratio	Lower Upper
84 100	
49 114.5	88.6 132.8
51 37.8	27.0 40.6
86 79.5	50.3 75.5#



#27
cis-1,2-Dichloroethene
Concen: 4.42 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

Tgt Ion: 96	Resp: 9148		
Ion Ratio	Lower	Upper	
96 100			
61 139.9	0.0	285.6	
98 70.2	0.0	129.6	





#30

Chloroform

Concen: 0.50 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX023450.D

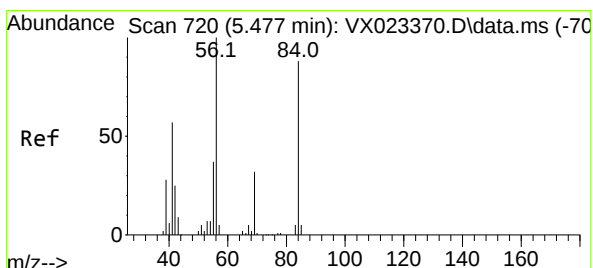
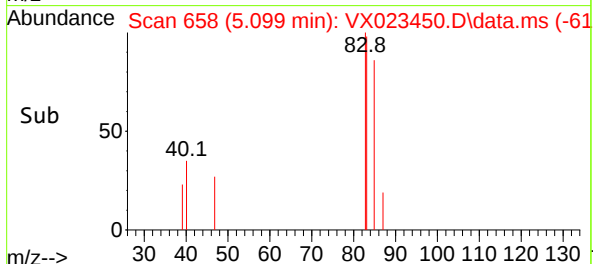
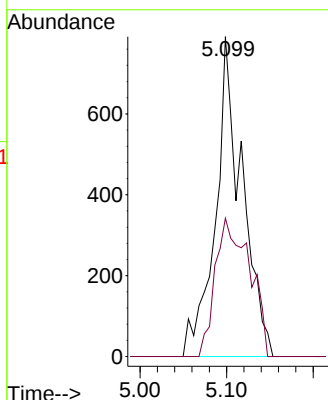
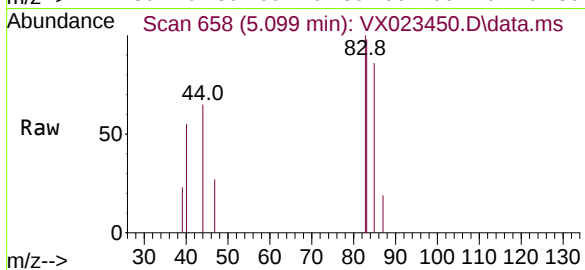
Acq: 26 Jul 2021 14:50

Tgt Ion: 83 Resp: 1687

Ion Ratio Lower Upper

83 100

85 43.2 52.0 78.0#



#31

Cyclohexane

Concen: 1.21 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX023450.D

Acq: 26 Jul 2021 14:50

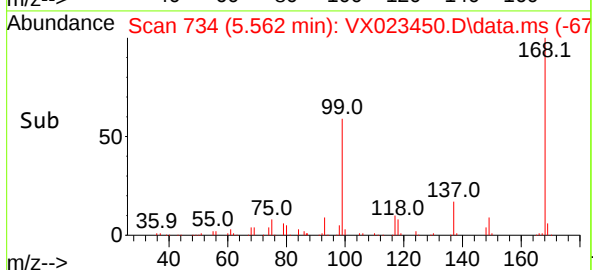
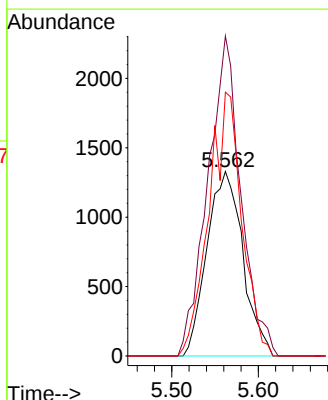
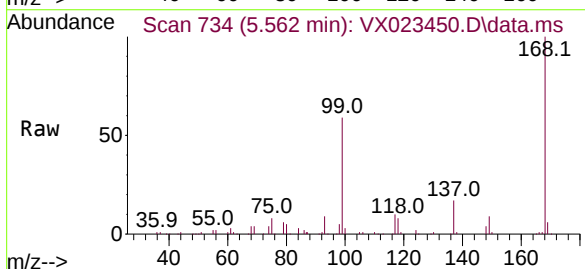
Tgt Ion: 56 Resp: 3823

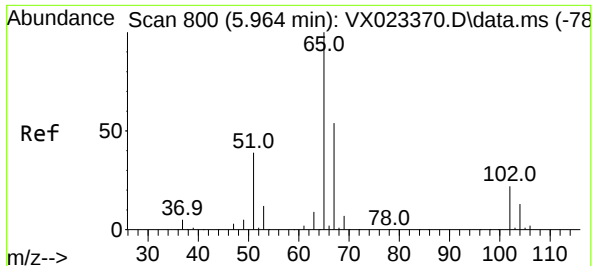
Ion Ratio Lower Upper

56 100

69 173.5 25.3 37.9#

84 143.0 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.48 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX023450.D

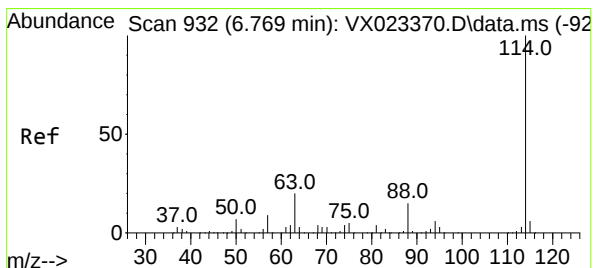
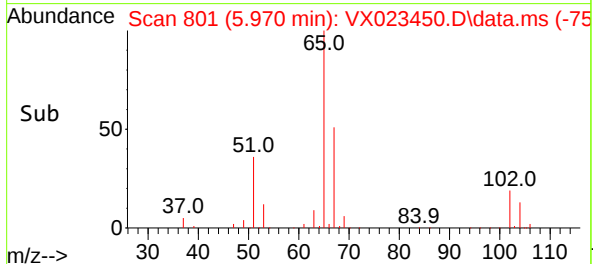
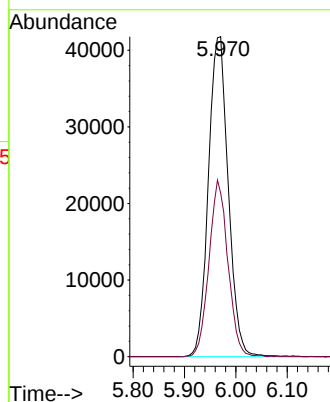
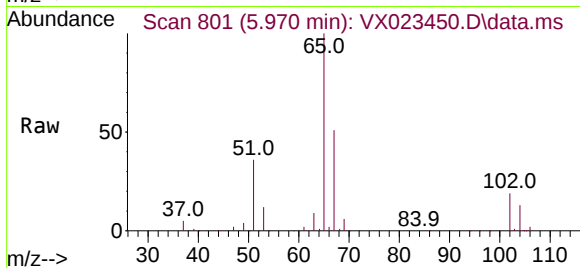
Acq: 26 Jul 2021 14:50

Tgt Ion: 65 Resp: 111863

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX023450.D

Acq: 26 Jul 2021 14:50

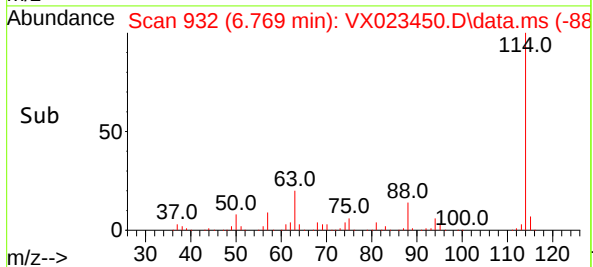
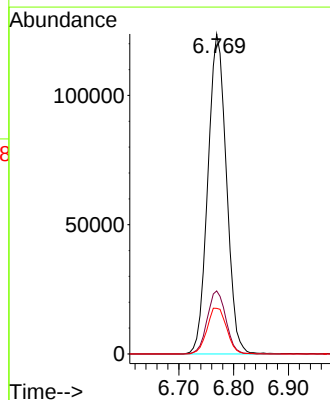
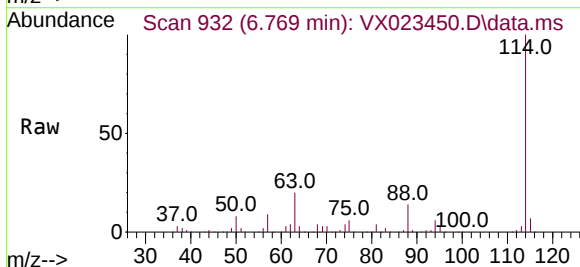
Tgt Ion: 114 Resp: 290264

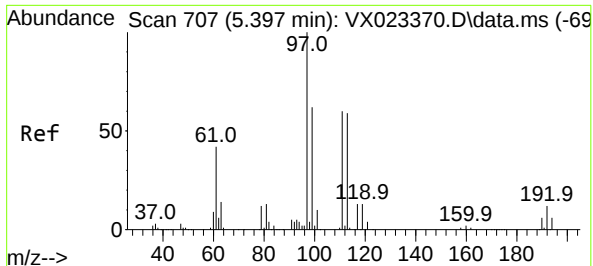
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 14.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.13 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023450.D

Acq: 26 Jul 2021 14:50

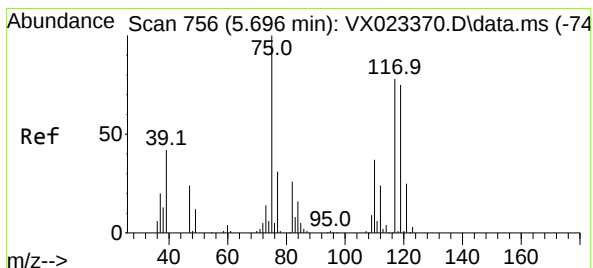
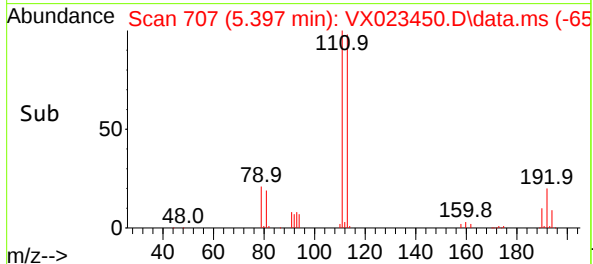
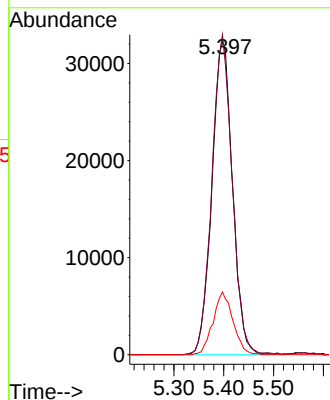
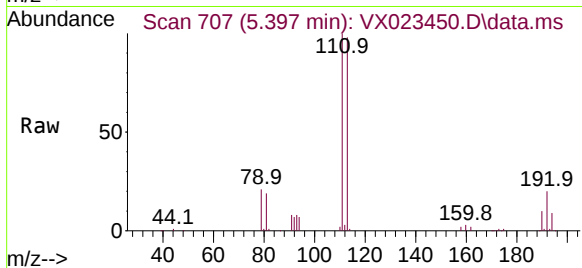
Tgt Ion:113 Resp: 92788

Ion Ratio Lower Upper

113 100

111 100.1 81.9 122.9

192 19.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.92 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX023450.D

Acq: 26 Jul 2021 14:50

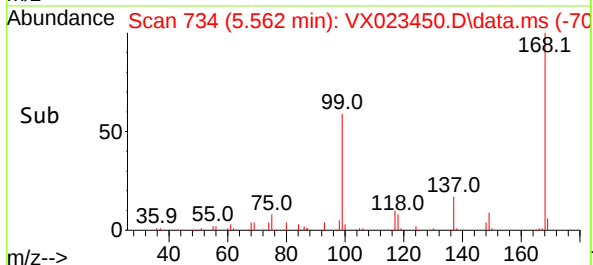
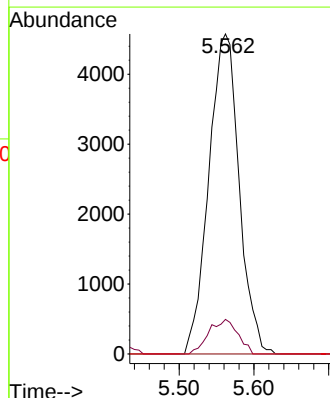
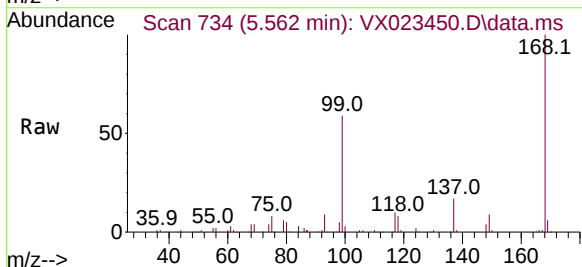
Tgt Ion: 75 Resp: 12924

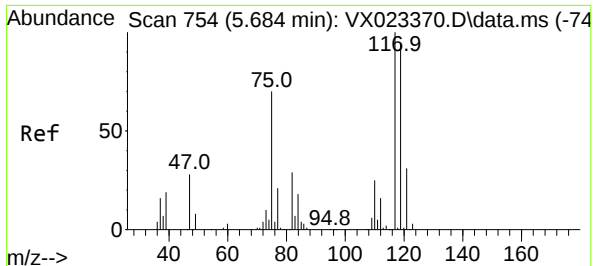
Ion Ratio Lower Upper

75 100

110 10.3 18.1 54.4#

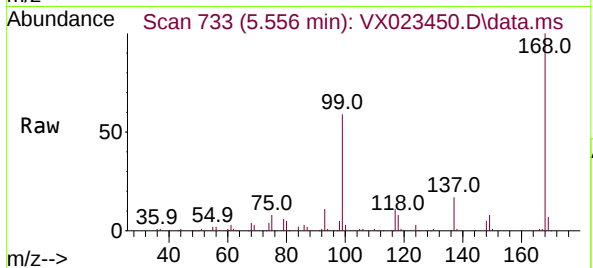
77 0.0 25.3 37.9#



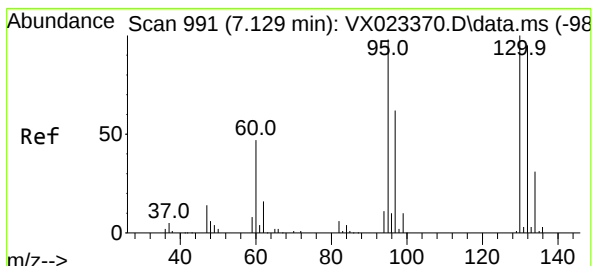
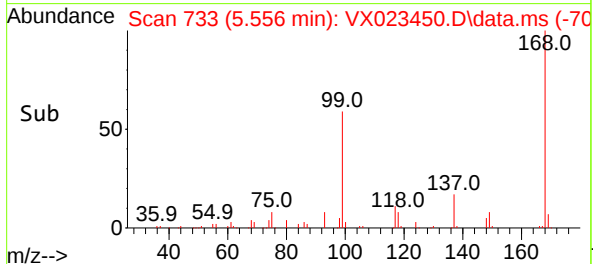
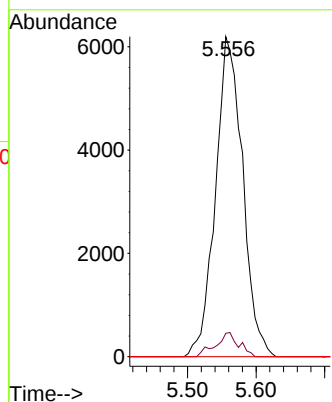


#38
Carbon Tetrachloride
Concen: 6.37 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

Instrument :
MSVOA_X
ClientSampleId :

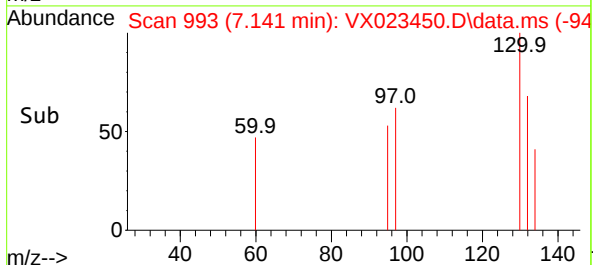
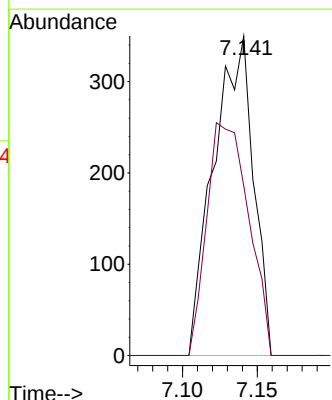
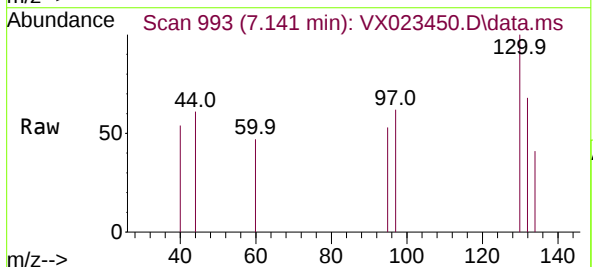


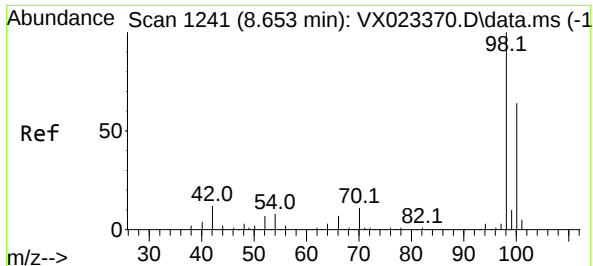
Tgt Ion:117 Resp: 17023
Ion Ratio Lower Upper
117 100
119 7.3 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.30 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

Tgt Ion:130 Resp: 647
Ion Ratio Lower Upper
130 100
95 53.1 0.0 198.0

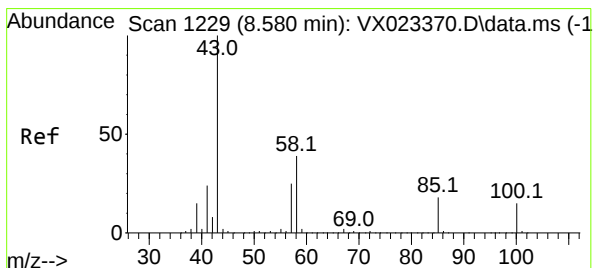
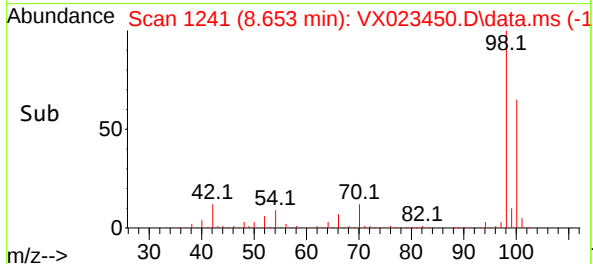
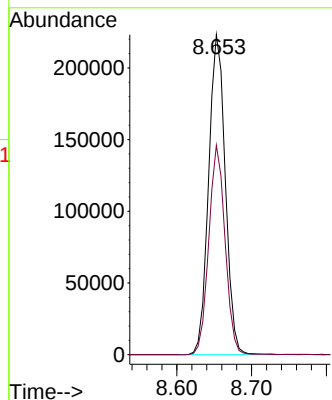
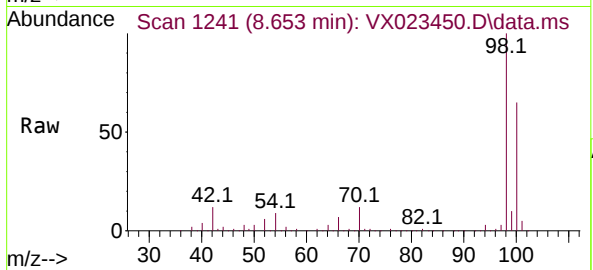




#50
Toluene-d8
Concen: 51.93 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

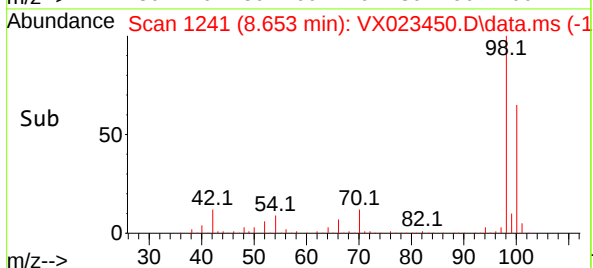
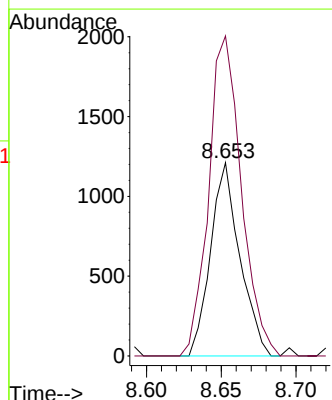
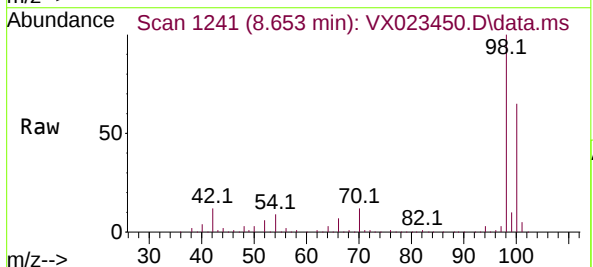
Instrument :
MSVOA_X
ClientSampled :

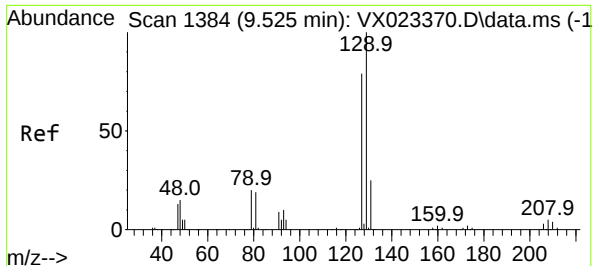
Tgt Ion: 98 Resp: 346275
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.53 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

Tgt Ion: 43 Resp: 1648
Ion Ratio Lower Upper
43 100
58 185.0 35.4 53.0#

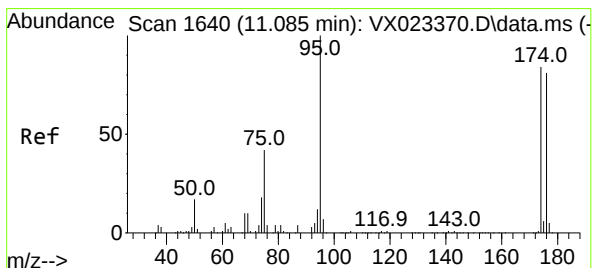
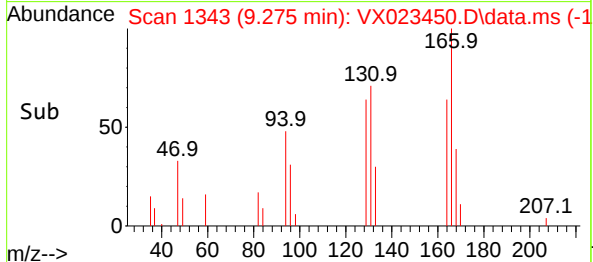
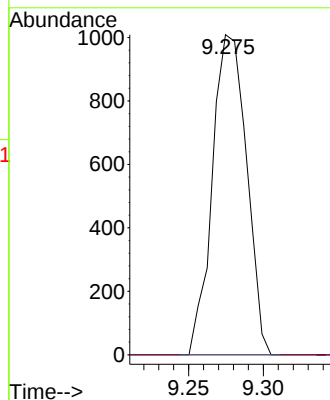
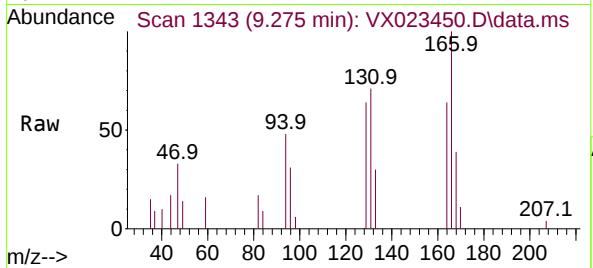




#60
Dibromochloromethane
Concen: 2.70 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

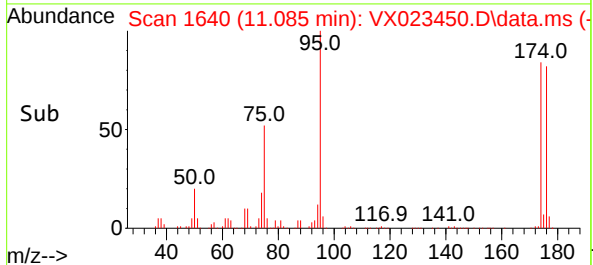
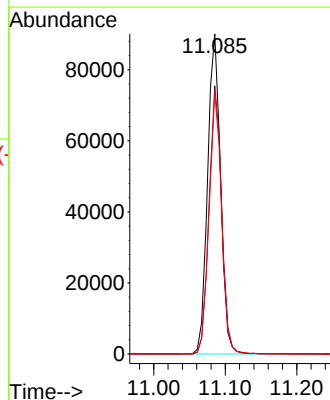
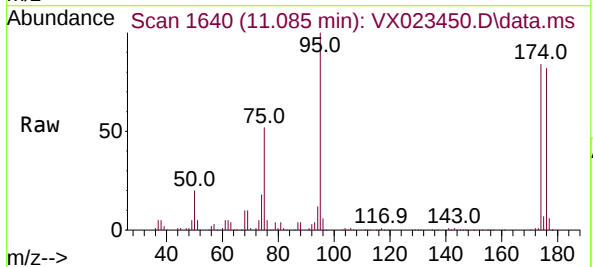
Instrument :
MSVOA_X
ClientSampleId :

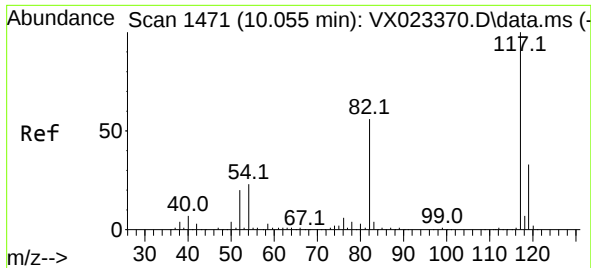
Tgt Ion:129 Resp: 1608
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 49.92 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

Tgt Ion: 95 Resp: 113177
Ion Ratio Lower Upper
95 100
174 82.1 0.0 154.6
176 78.9 0.0 155.8

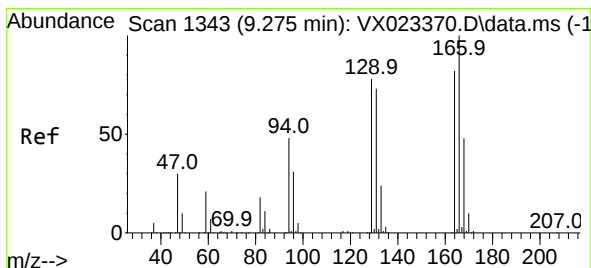
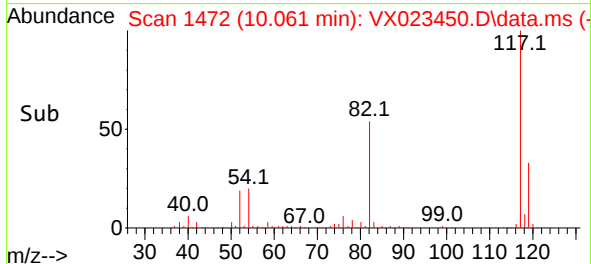
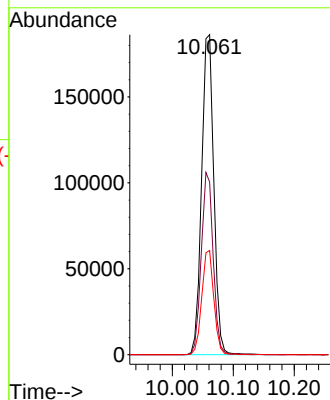
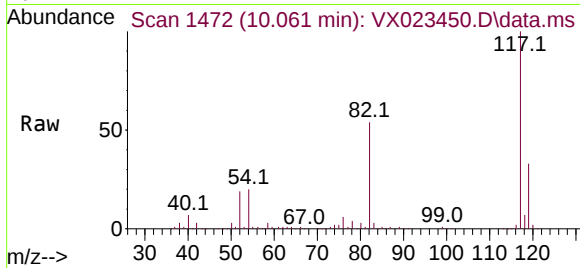




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

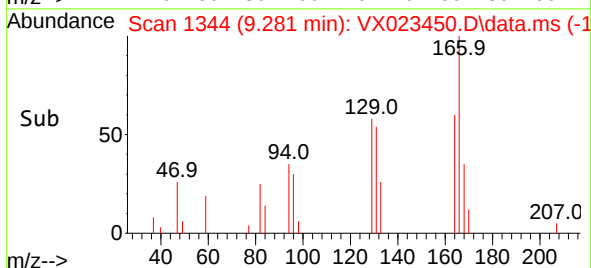
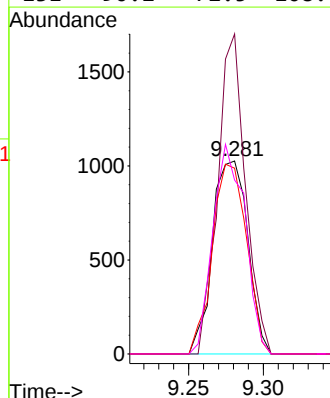
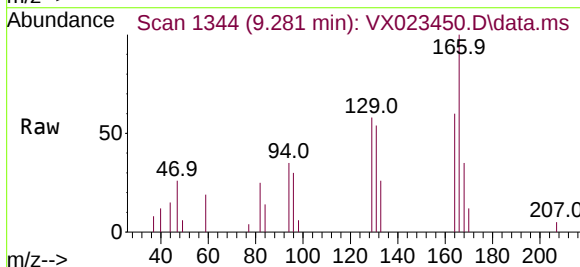
Instrument :
MSVOA_X
ClientSampleId :

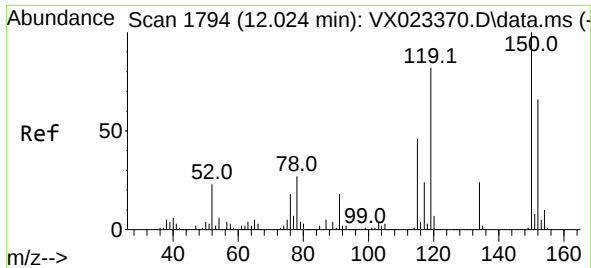
Tgt Ion:117 Resp: 258717
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 32.6 26.6 39.8



#64
Tetrachloroethene
Concen: 0.82 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023450.D
Acq: 26 Jul 2021 14:50

Tgt Ion:164 Resp: 1684
Ion Ratio Lower Upper
164 100
166 165.9 103.4 155.2#
129 96.3 70.8 106.2
131 90.2 72.5 108.7

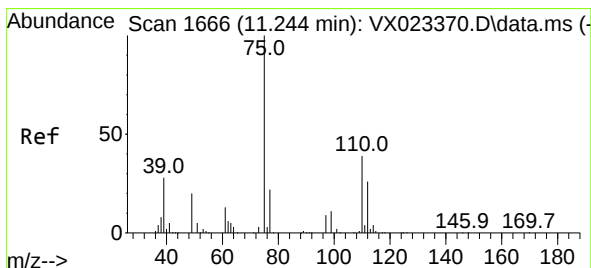
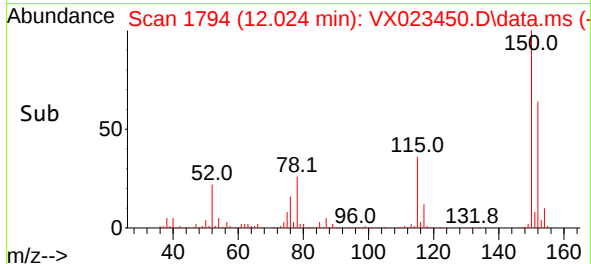
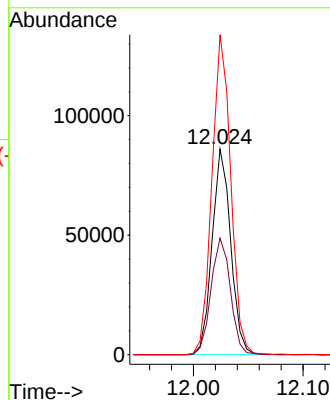
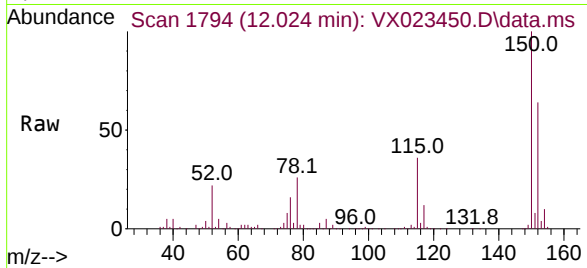




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023450.D
 Acq: 26 Jul 2021 14:50

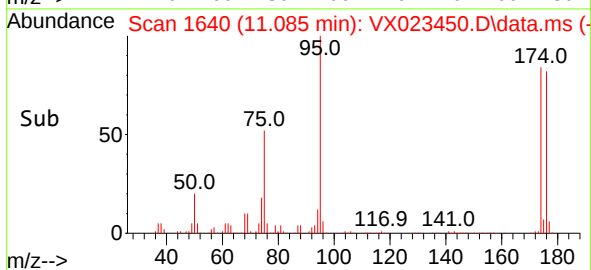
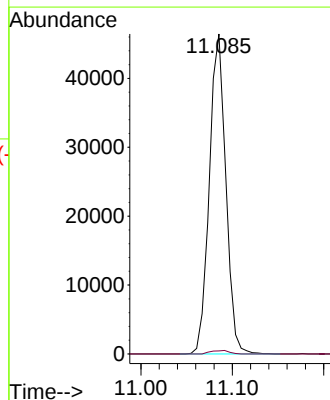
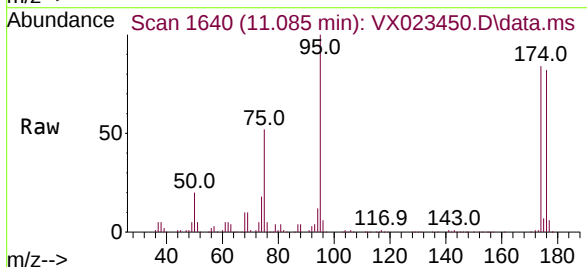
Instrument :
 MSVOA_X
 ClientSampled :

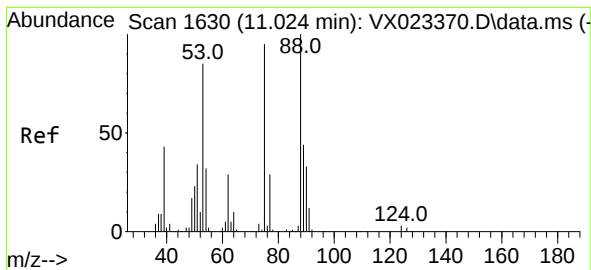
Tgt Ion:152 Resp: 101530
 Ion Ratio Lower Upper
 152 100
 115 58.9 41.1 123.3
 150 157.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.96 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023450.D
 Acq: 26 Jul 2021 14:50

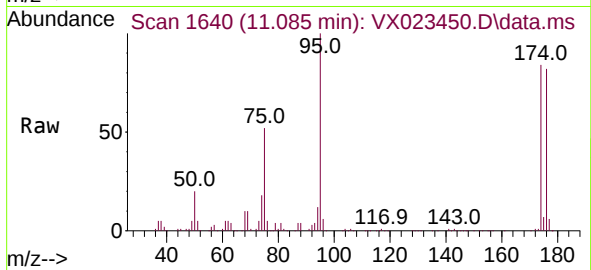
Tgt Ion: 75 Resp: 58008
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.81 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023450.D
 Acq: 26 Jul 2021 14:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 58008
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

