

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023395.D
 Acq On : 23 Jul 2021 00:29
 Operator : JC/MD
 Sample : M3145-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-3D(OFFSITE)

Quant Time: Jul 23 06:11:54 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	170011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	282400	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	107030	50.468	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.940%
35) Dibromofluoromethane	5.397	113	87591	49.607	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.220%
50) Toluene-d8	8.653	98	336916	51.936	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.880%
62) 4-Bromofluorobenzene	11.085	95	101983	46.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.460%

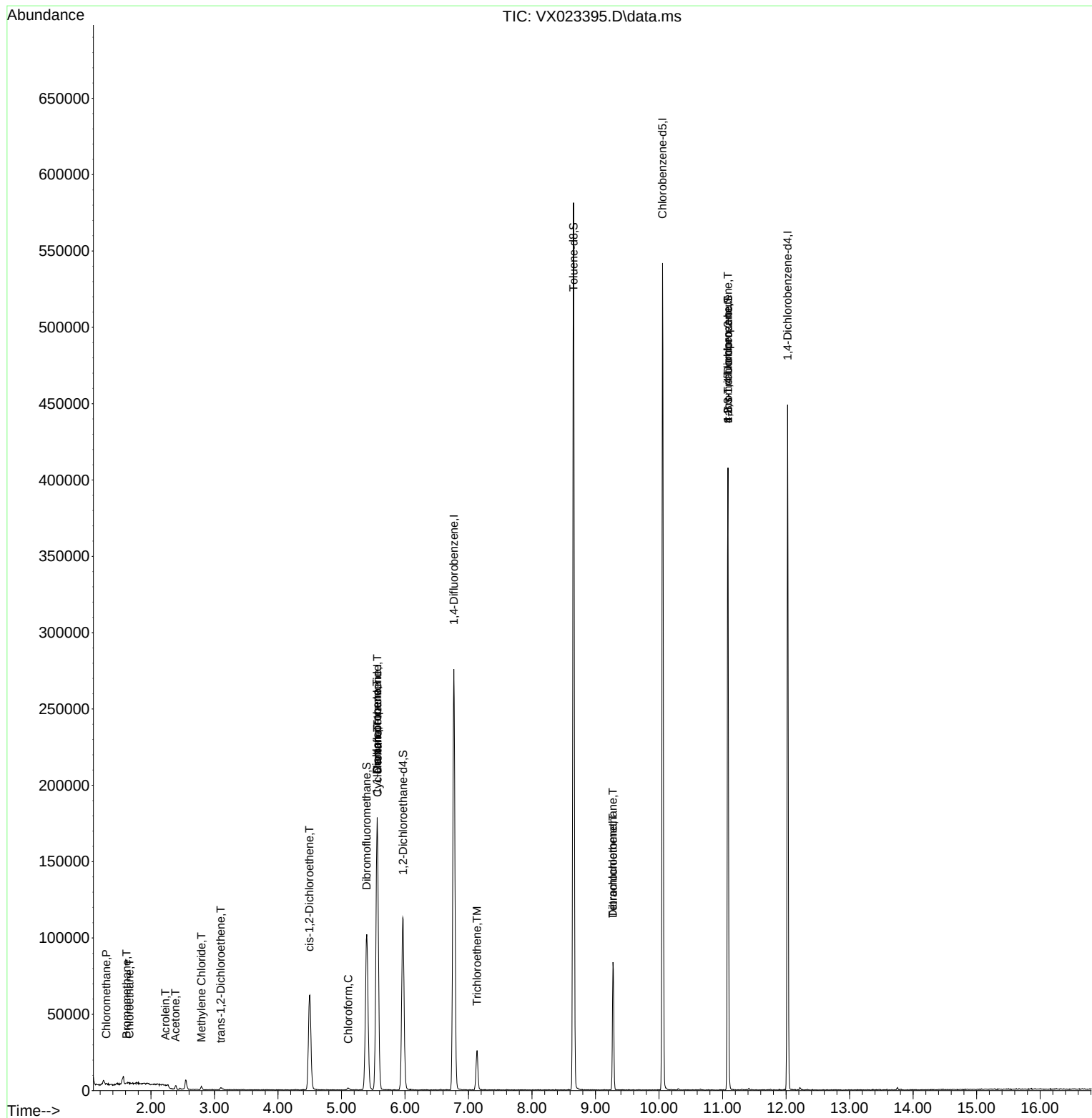
Target Compounds						Qvalue
3) Chloromethane	1.295	50	538	0.295	ug/l #	67
5) Bromomethane	1.618	94	717	0.655	ug/l #	67
6) Chloroethane	1.660	64	251	0.222	ug/l #	1
13) Acrolein	2.227	56	50	1.566	ug/l #	1
16) Acetone	2.386	43	2527	2.429	ug/l #	83
20) Methylene Chloride	2.794	84	817	0.404	ug/l #	81
21) trans-1,2-Dichloroethene	3.099	96	481	0.271	ug/l #	61
27) cis-1,2-Dichloroethene	4.495	96	39993	19.406	ug/l	91
30) Chloroform	5.105	83	1483	0.440	ug/l	99
31) Cyclohexane	5.568	56	3529	1.123	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	12961	5.074	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16855	6.488	ug/l #	18
44) Trichloroethene	7.135	130	10005	4.808	ug/l	90
60) Dibromochloromethane	9.275	129	15139	8.886	ug/l #	11
64) Tetrachloroethene	9.275	164	15621	8.043	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	51466	26.411	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51466	71.016	ug/l #	12

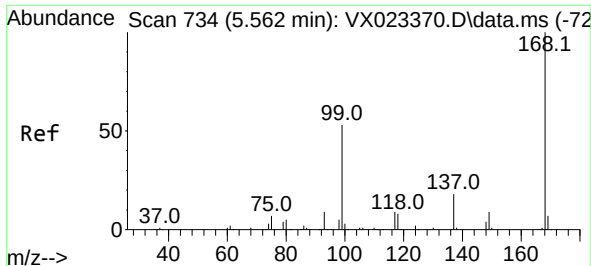
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

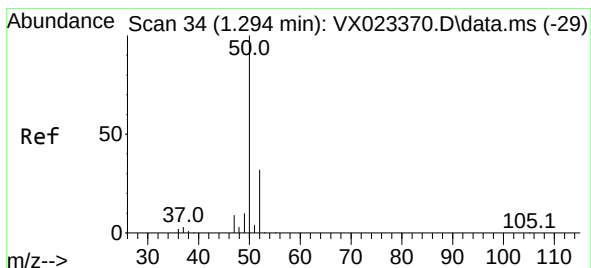
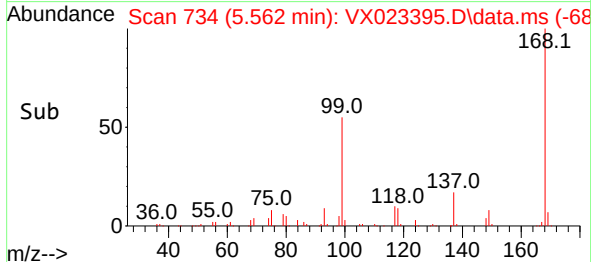
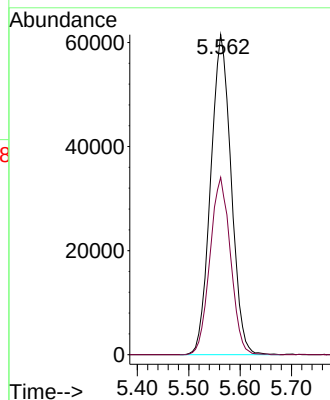
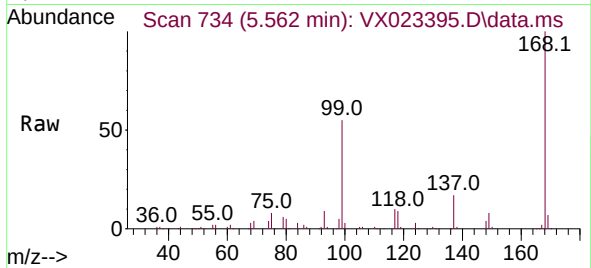




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

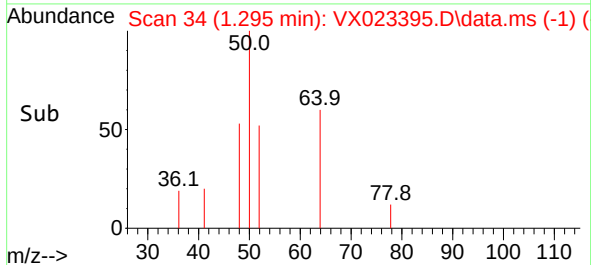
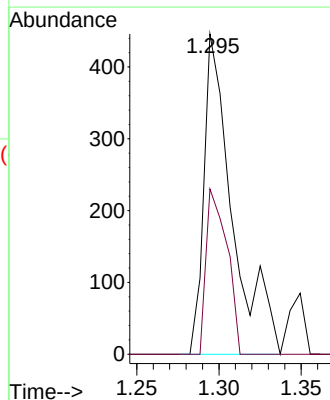
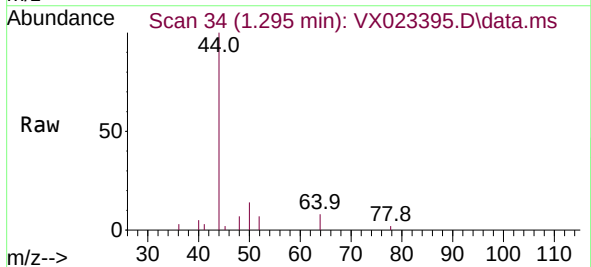
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-3D(OFFSITE)

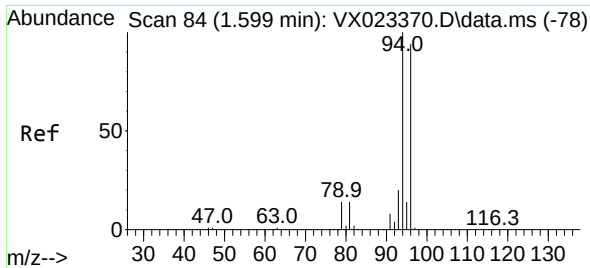
Tgt Ion:168 Resp: 170011
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.6



#3
Chloromethane
Concen: 0.295 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

Tgt Ion: 50 Resp: 538
Ion Ratio Lower Upper
50 100
52 51.6 26.4 39.6#

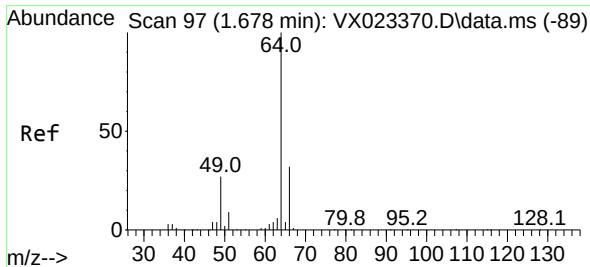
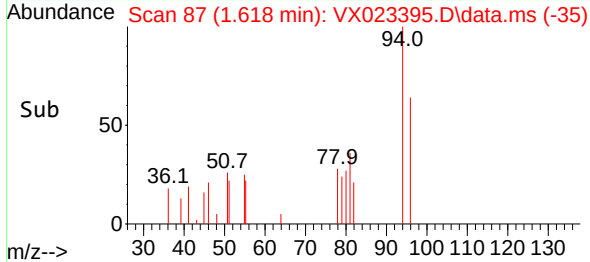
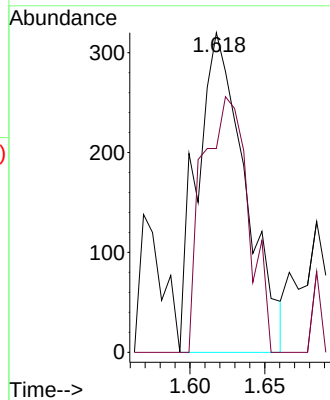
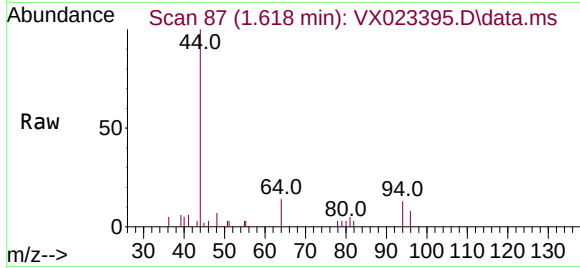




#5
Bromomethane
Concen: 0.655 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

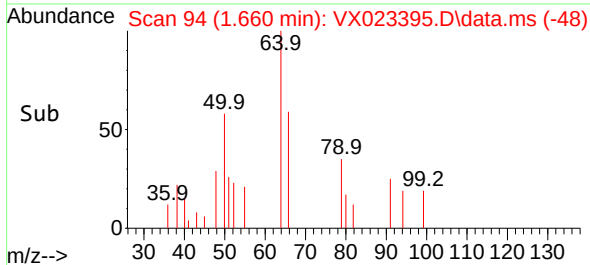
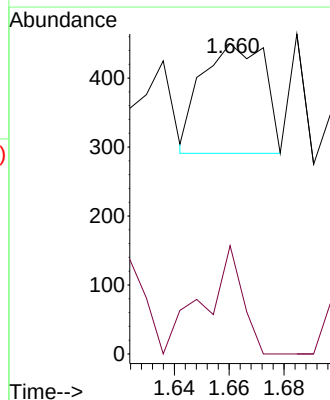
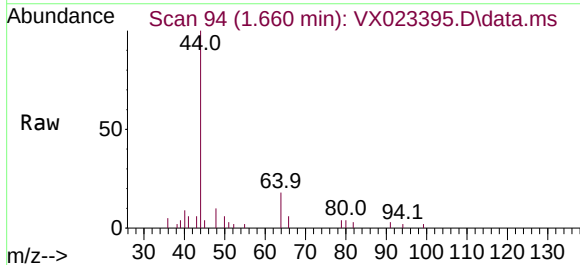
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-3D(OFFSITE)

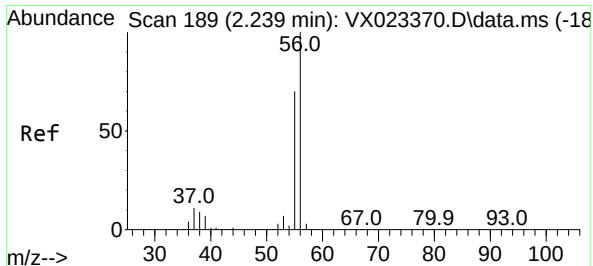
Tgt Ion: 94 Resp: 717
Ion Ratio Lower Upper
94 100
96 63.8 76.4 114.6#



#6
Chloroethane
Concen: 0.222 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

Tgt Ion: 64 Resp: 251
Ion Ratio Lower Upper
64 100
66 98.7 25.4 38.0#





#13

Acrolein

Concen: 1.566 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.012 min

Lab File: VX023395.D

Acq: 23 Jul 2021 00:29

Tgt Ion: 56 Resp: 50

Ion Ratio Lower Upper

56 100

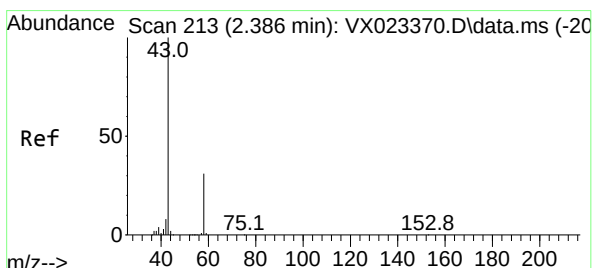
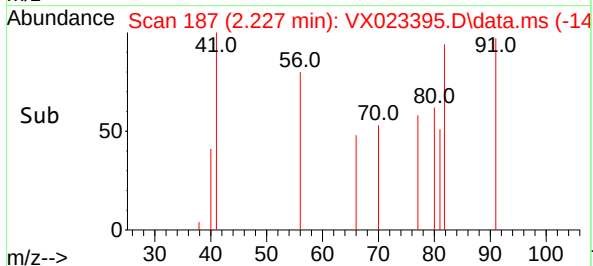
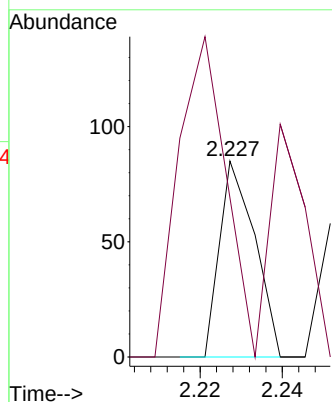
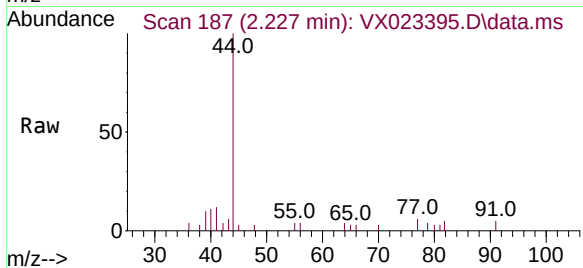
55 222.0 56.4 84.6#

Instrument :

MSVOA_X

ClientSampleId :

152140-MW-3D(OFFSITE)



#16

Acetone

Concen: 2.429 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX023395.D

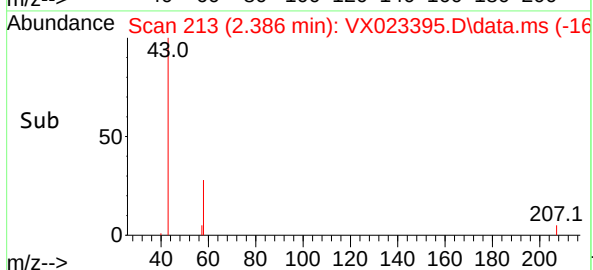
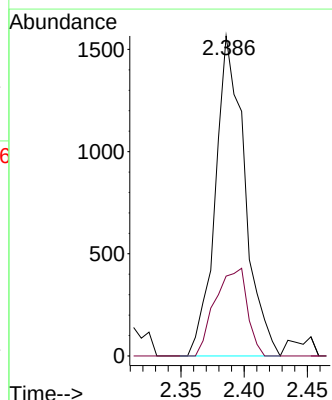
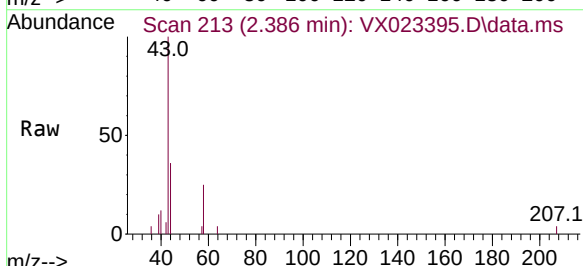
Acq: 23 Jul 2021 00:29

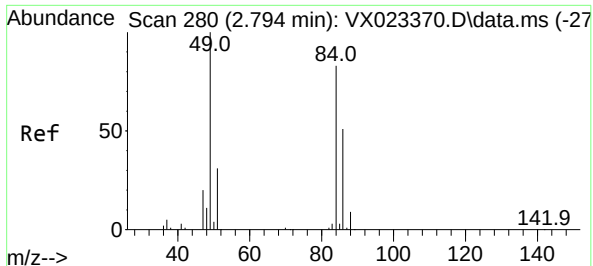
Tgt Ion: 43 Resp: 2527

Ion Ratio Lower Upper

43 100

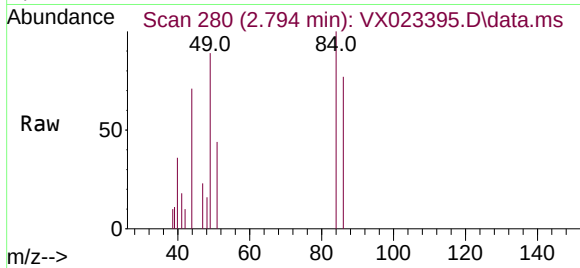
58 25.0 27.8 41.8#



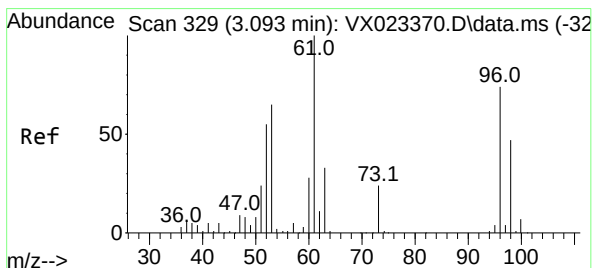
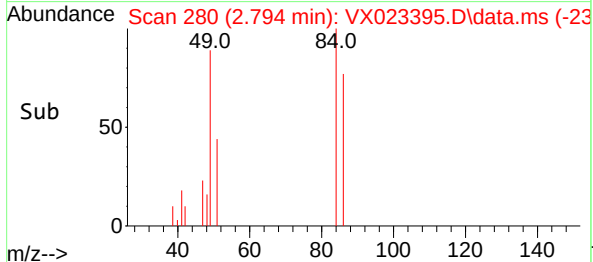
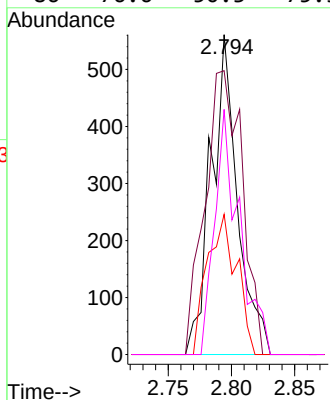


#20
Methylene Chloride
Concen: 0.404 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

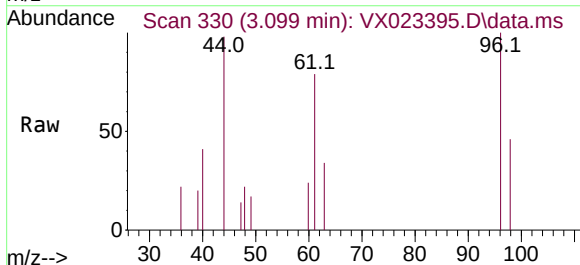
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-3D(OFFSITE)



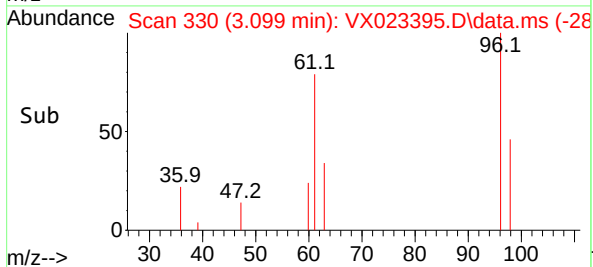
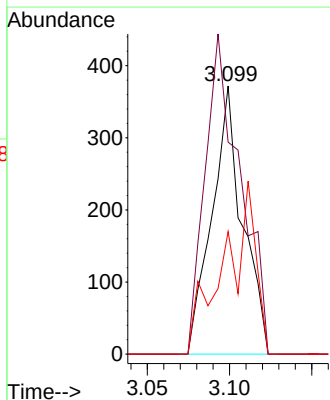
Tgt Ion: 84	Resp: 817
Ion Ratio	Lower Upper
84 100	
49 88.8	88.6 132.8
51 43.9	27.0 40.6#
86 76.6	50.3 75.5#

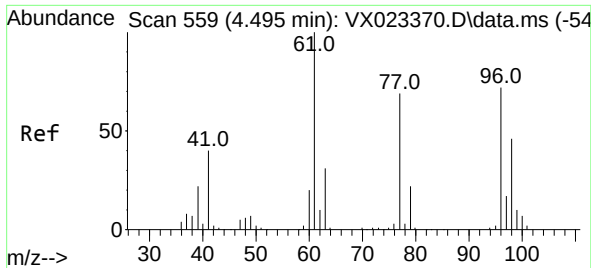


#21
trans-1,2-Dichloroethene
Concen: 0.271 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29



Tgt Ion: 96	Resp: 481
Ion Ratio	Lower Upper
96 100	
61 79.0	107.7 161.5#
98 45.7	50.4 75.6#

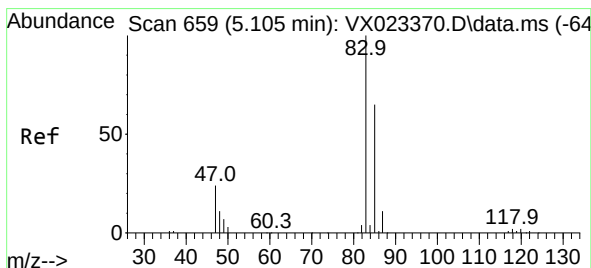
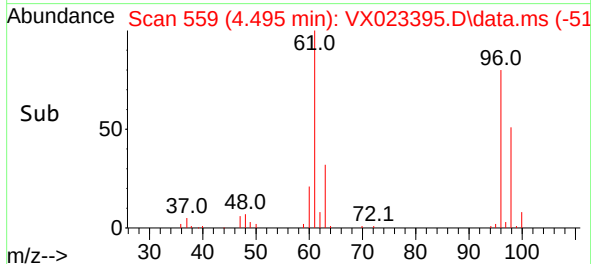
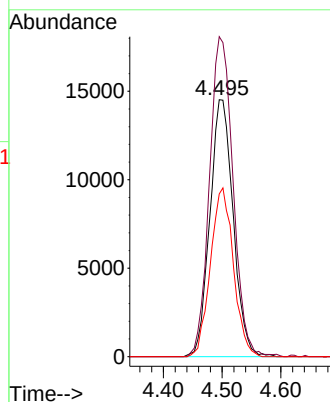
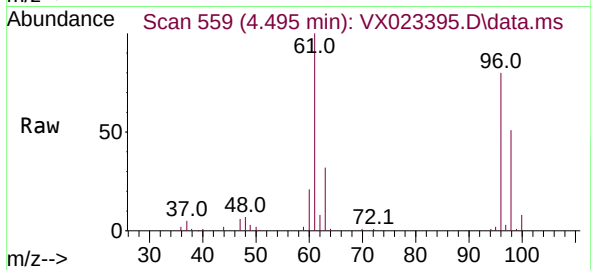




#27
 cis-1,2-Dichloroethene
 Concen: 19.406 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.000 min
 Lab File: VX023395.D
 Acq: 23 Jul 2021 00:29

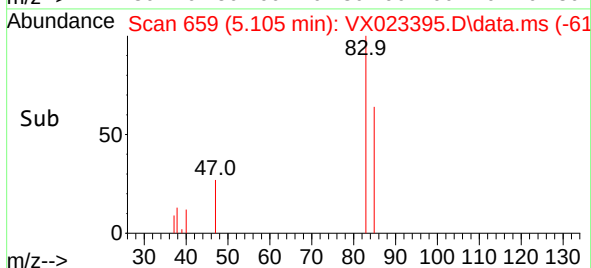
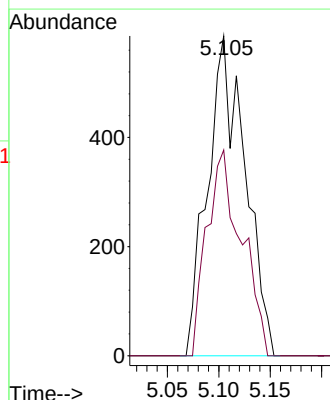
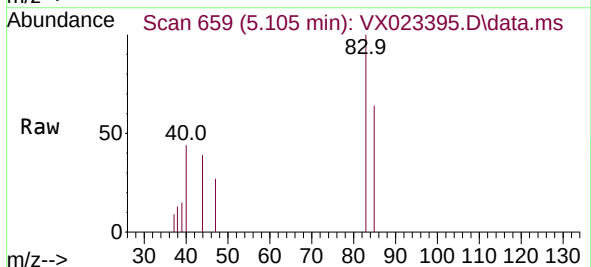
Instrument :
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 152140-MW-3D(OFFSITE)

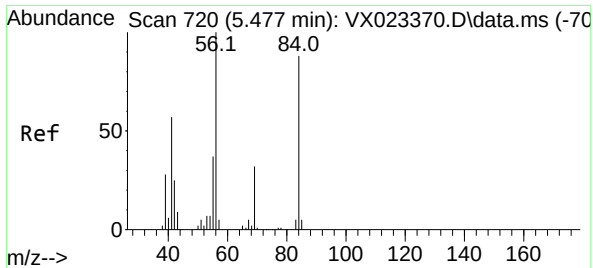
Tgt Ion: 96	Resp: 39993
Ion Ratio	Lower Upper
96 100	
61 126.1	0.0 285.6
98 64.7	0.0 129.6



#30
 Chloroform
 Concen: 0.440 ug/l
 RT: 5.105 min Scan# 659
 Delta R.T. -0.000 min
 Lab File: VX023395.D
 Acq: 23 Jul 2021 00:29

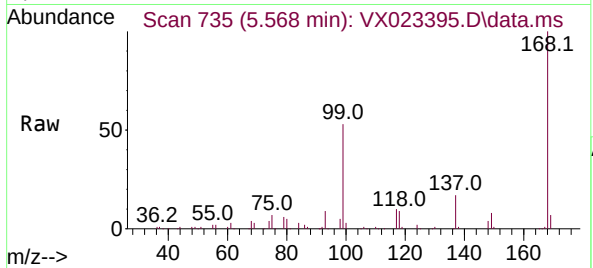
Tgt Ion: 83	Resp: 1483
Ion Ratio	Lower Upper
83 100	
85 64.3	52.0 78.0



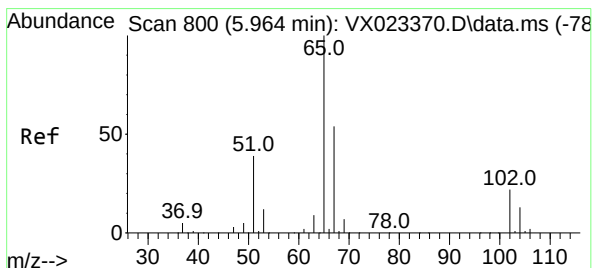
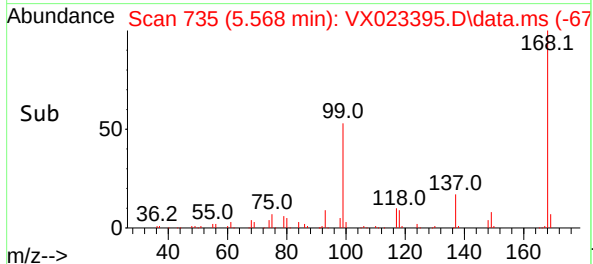
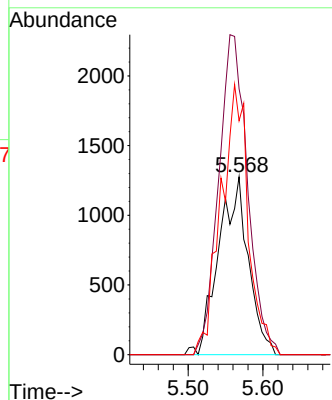


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

Instrument :
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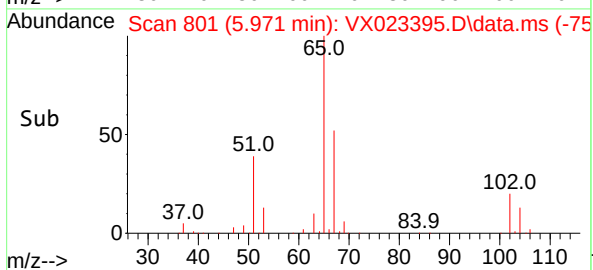
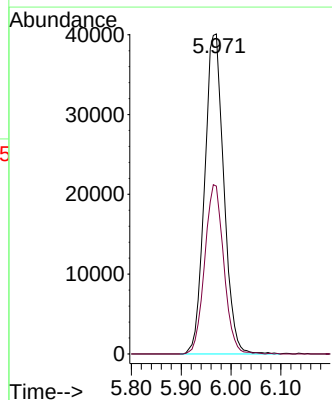
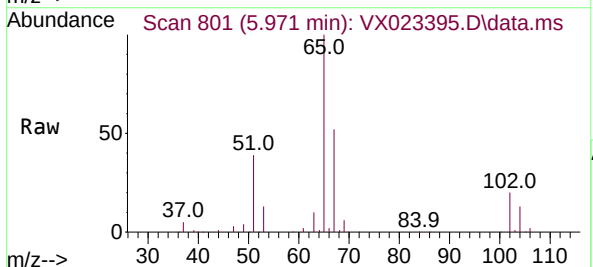


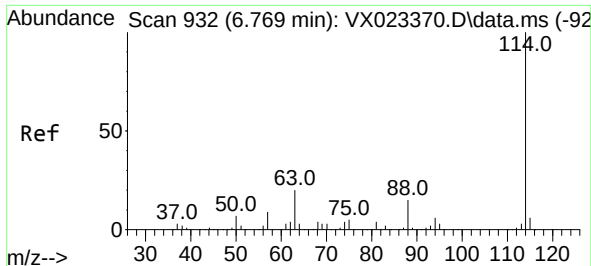
Tgt Ion: 56 Resp: 3529
Ion Ratio Lower Upper
56 100
69 149.5 25.3 37.9#
84 131.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.468 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

Tgt Ion: 65 Resp: 107030
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

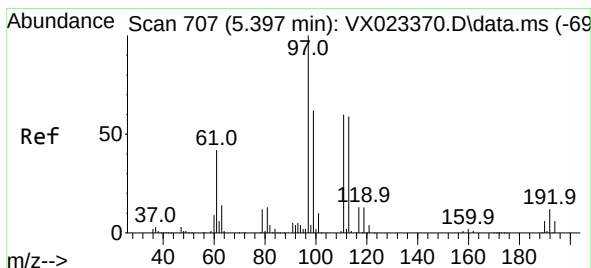
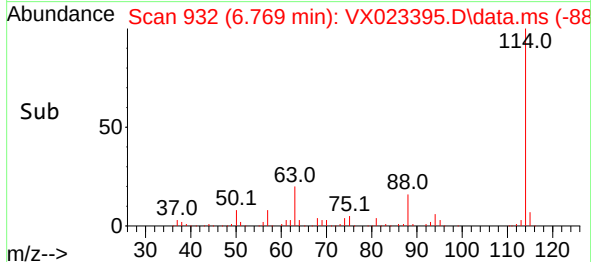
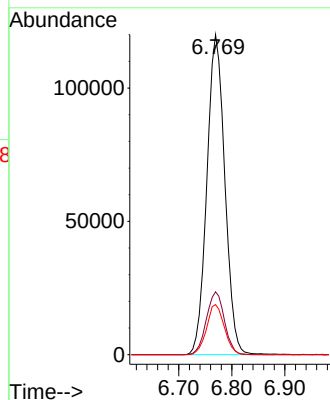
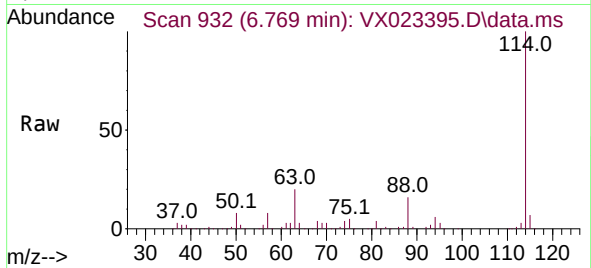




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

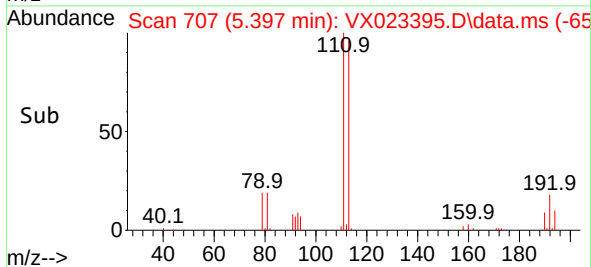
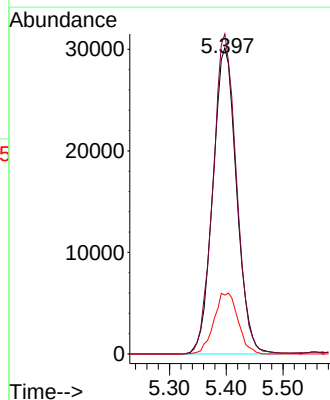
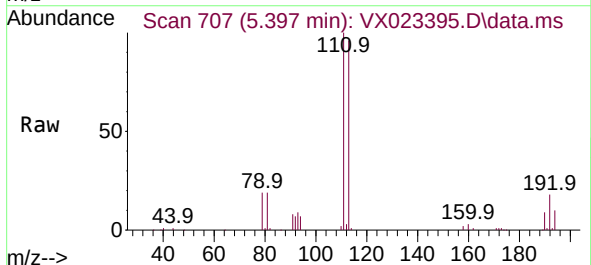
Instrument :
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152140-MW-3D(OFFSITE)

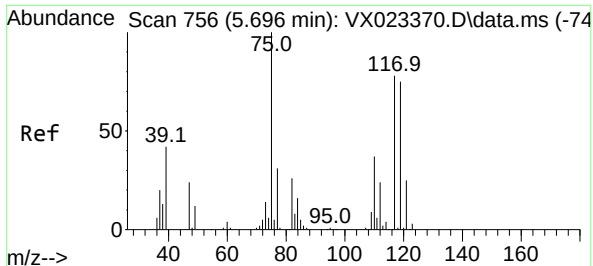
Tgt Ion:114 Resp: 282400
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.607 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

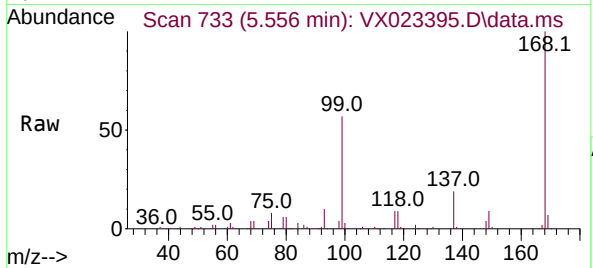
Tgt Ion:113 Resp: 87591
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 20.2 16.7 25.1



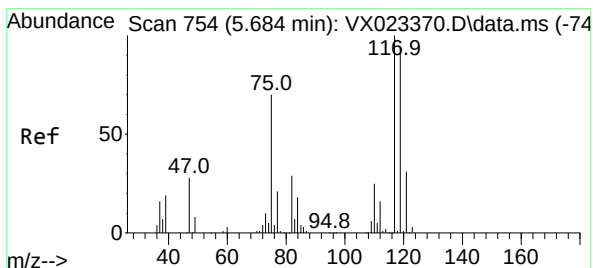
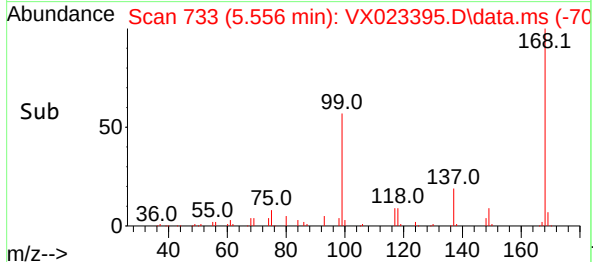
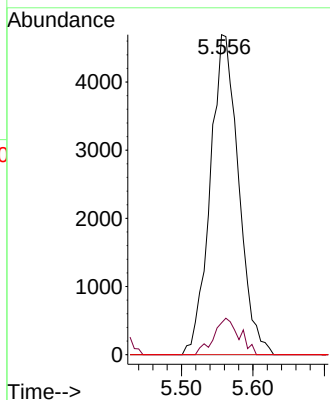


#36
1,1-Dichloropropene
Concen: 5.074 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-3D(OFFSITE)

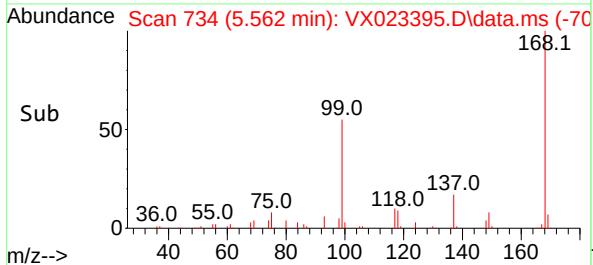
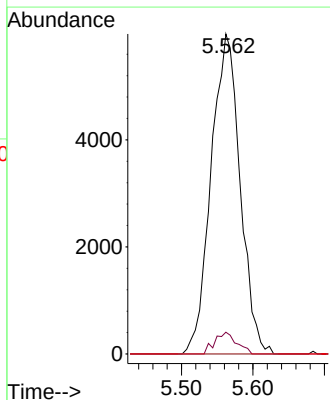
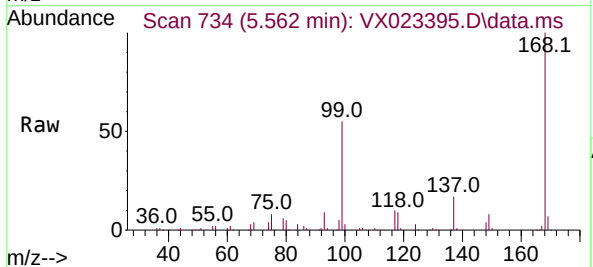


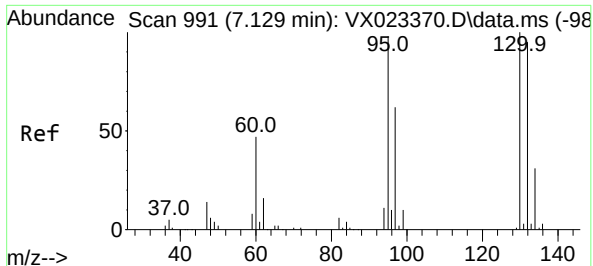
Tgt Ion: 75 Resp: 12961
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.488 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

Tgt Ion: 117 Resp: 16855
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#

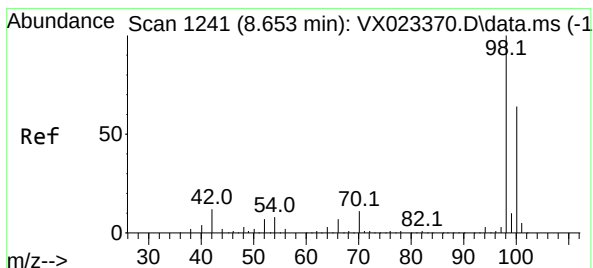
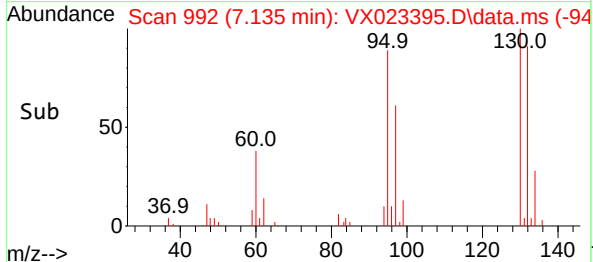
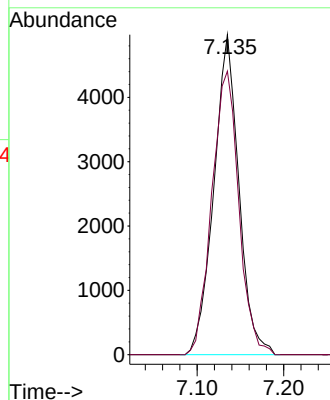
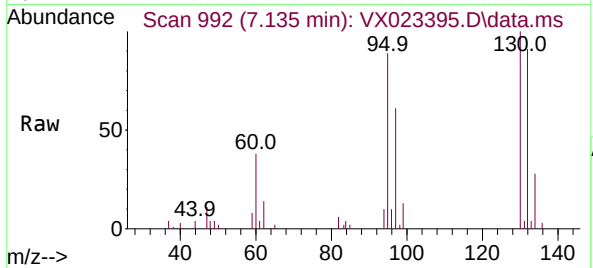




#44
Trichloroethene
Concen: 4.808 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

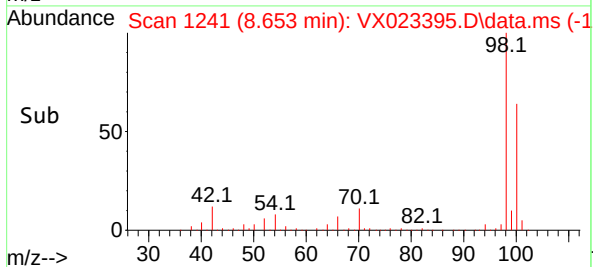
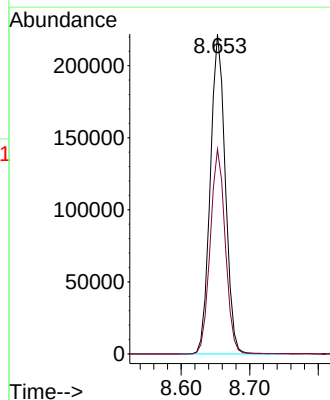
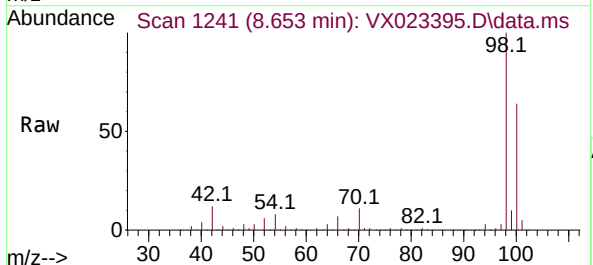
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-3D(OFFSITE)

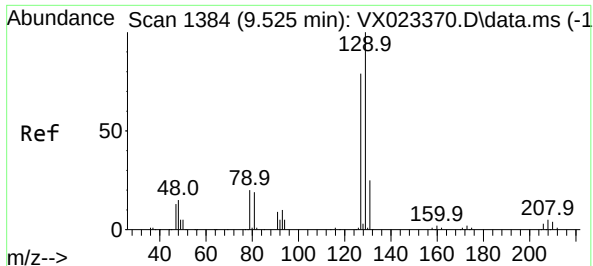
Tgt Ion:130 Resp: 10005
Ion Ratio Lower Upper
130 100
95 88.6 0.0 198.0



#50
Toluene-d8
Concen: 51.936 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

Tgt Ion: 98 Resp: 336916
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9





#60

Dibromochloromethane

Concen: 8.886 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX023395.D

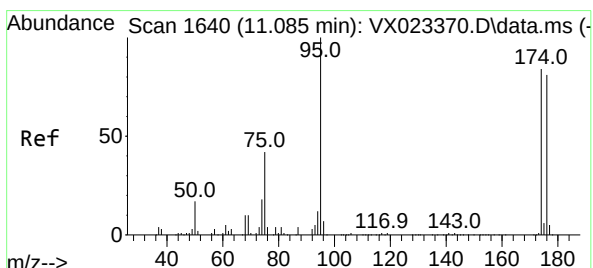
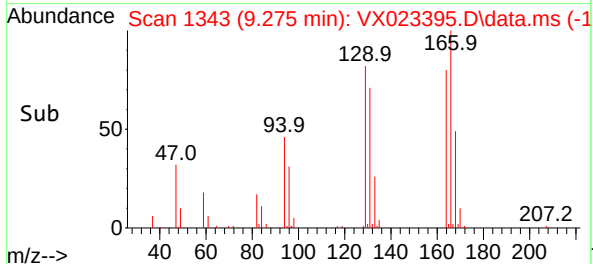
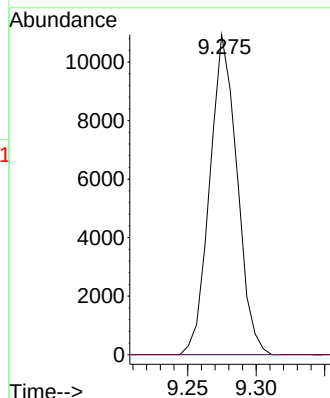
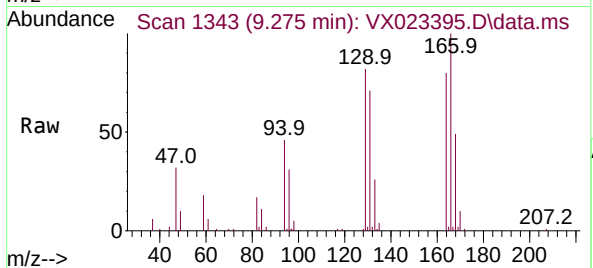
Acq: 23 Jul 2021 00:29

Tgt Ion:129 Resp: 15139

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 46.232 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023395.D

Acq: 23 Jul 2021 00:29

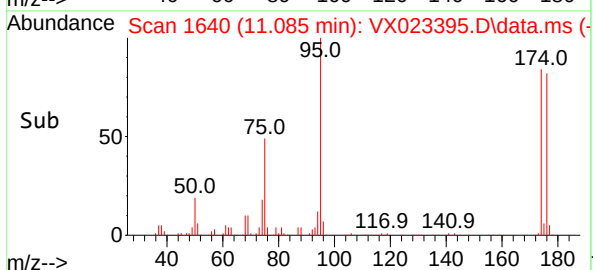
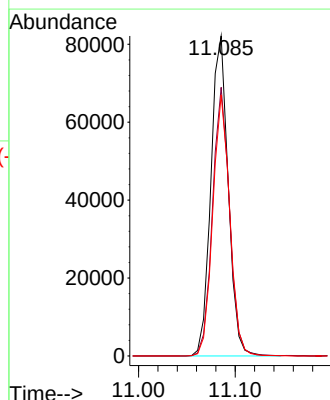
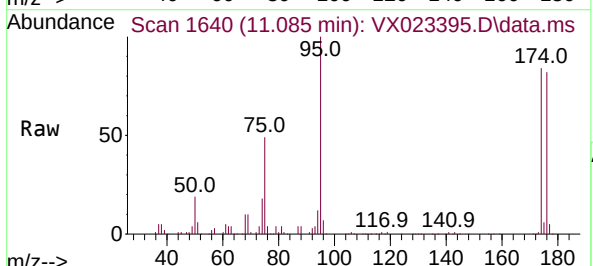
Tgt Ion: 95 Resp: 101983

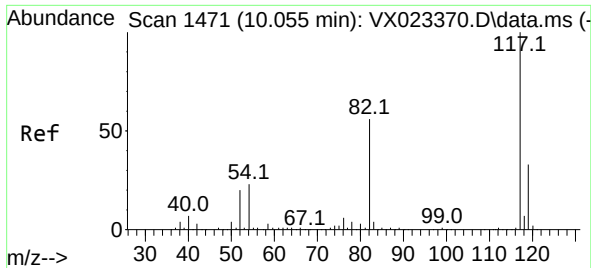
Ion Ratio Lower Upper

95 100

174 82.5 0.0 154.6

176 80.0 0.0 155.8

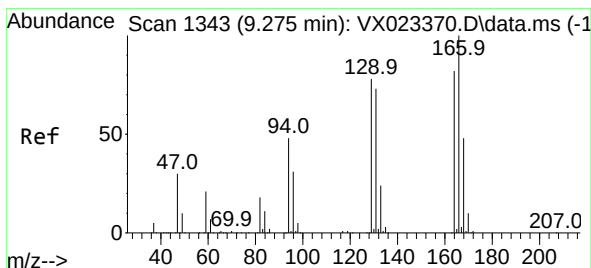
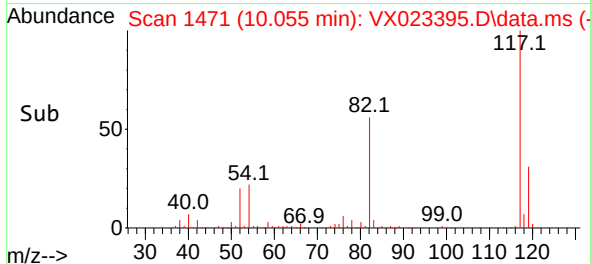
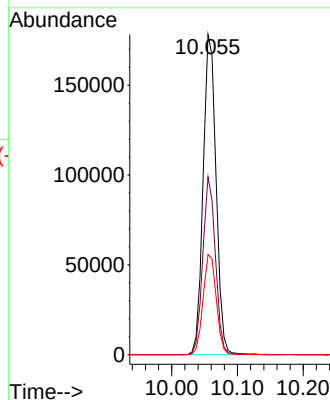
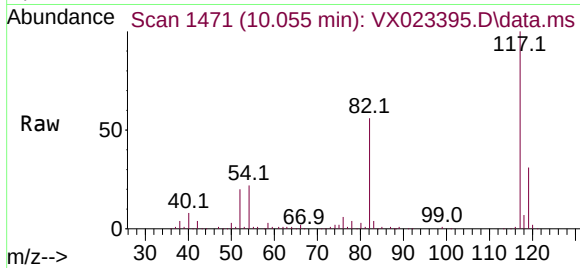




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

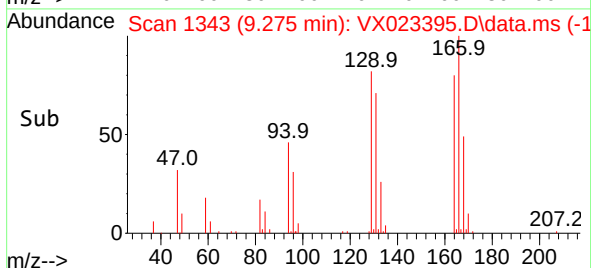
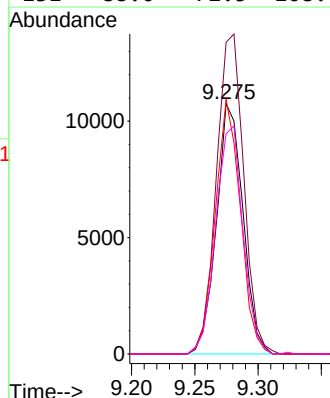
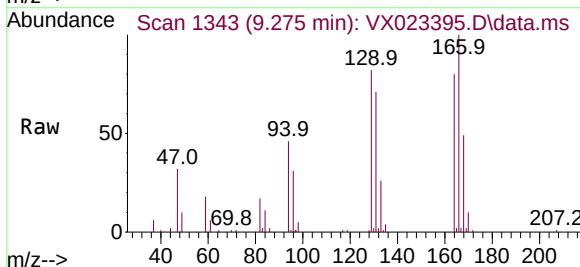
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-3D(OFFSITE)

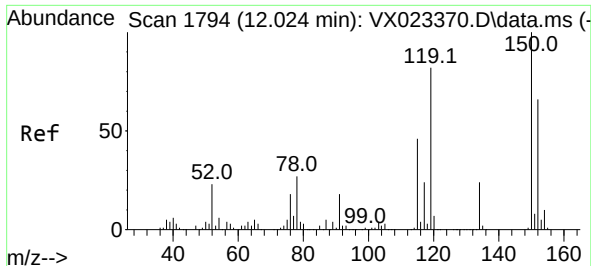
Tgt Ion:117 Resp: 244026
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 31.3 26.6 39.8



#64
Tetrachloroethene
Concen: 8.043 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023395.D
Acq: 23 Jul 2021 00:29

Tgt Ion:164 Resp: 15621
Ion Ratio Lower Upper
164 100
166 124.6 103.4 155.2
129 101.7 70.8 106.2
131 88.0 72.5 108.7

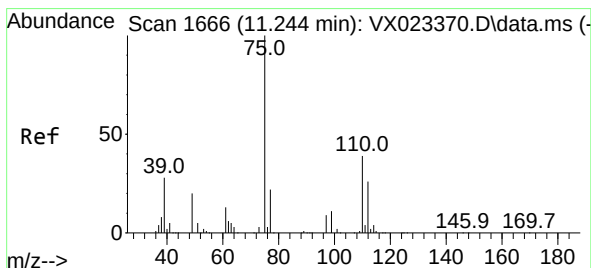
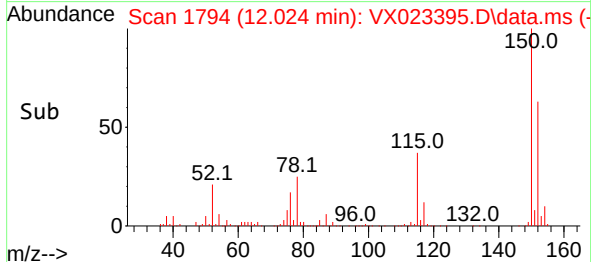
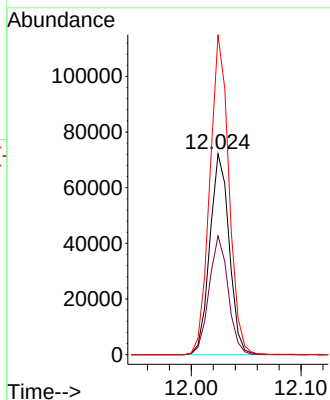
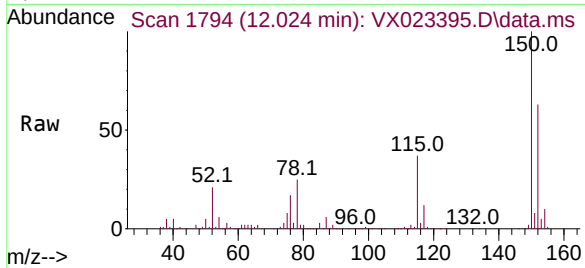




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023395.D
 Acq: 23 Jul 2021 00:29

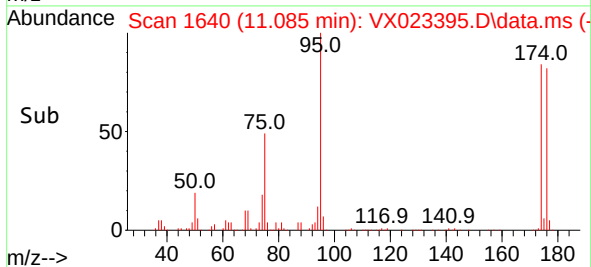
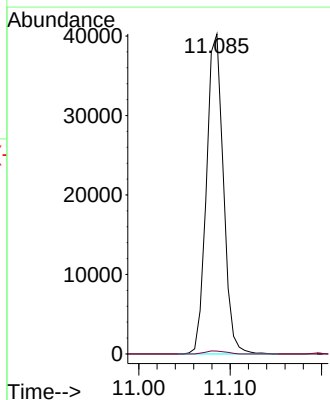
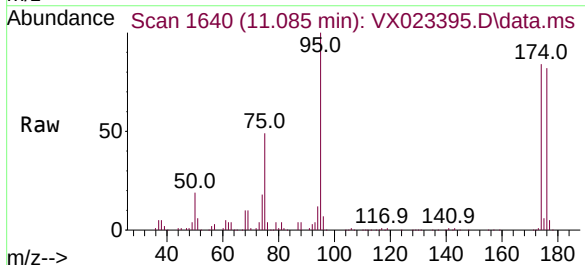
Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-3D(OFFSITE)

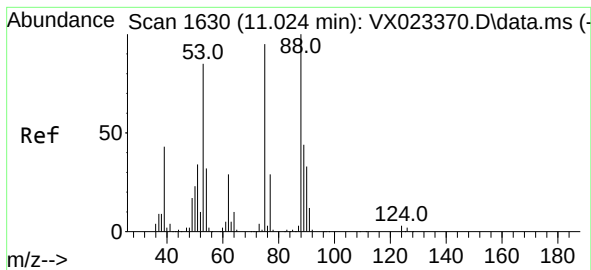
Tgt Ion:152 Resp: 88552
 Ion Ratio Lower Upper
 152 100
 115 58.2 41.1 123.3
 150 157.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.411 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023395.D
 Acq: 23 Jul 2021 00:29

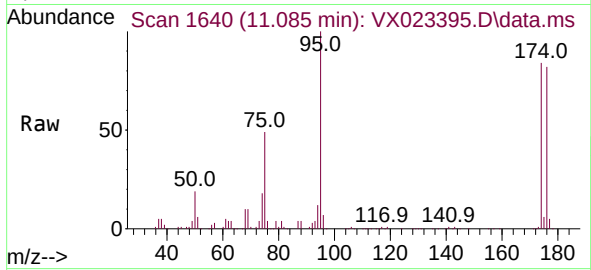
Tgt Ion: 75 Resp: 51466
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.016 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023395.D
 Acq: 23 Jul 2021 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-3D(OFFSITE)



Tgt Ion:	75	Resp:	51466
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.1	37.9	56.9#

