

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072721\
 Data File : VX023476.D
 Acq On : 27 Jul 2021 14:49
 Operator : JC/MD
 Sample : M3146-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 00:51:29 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)

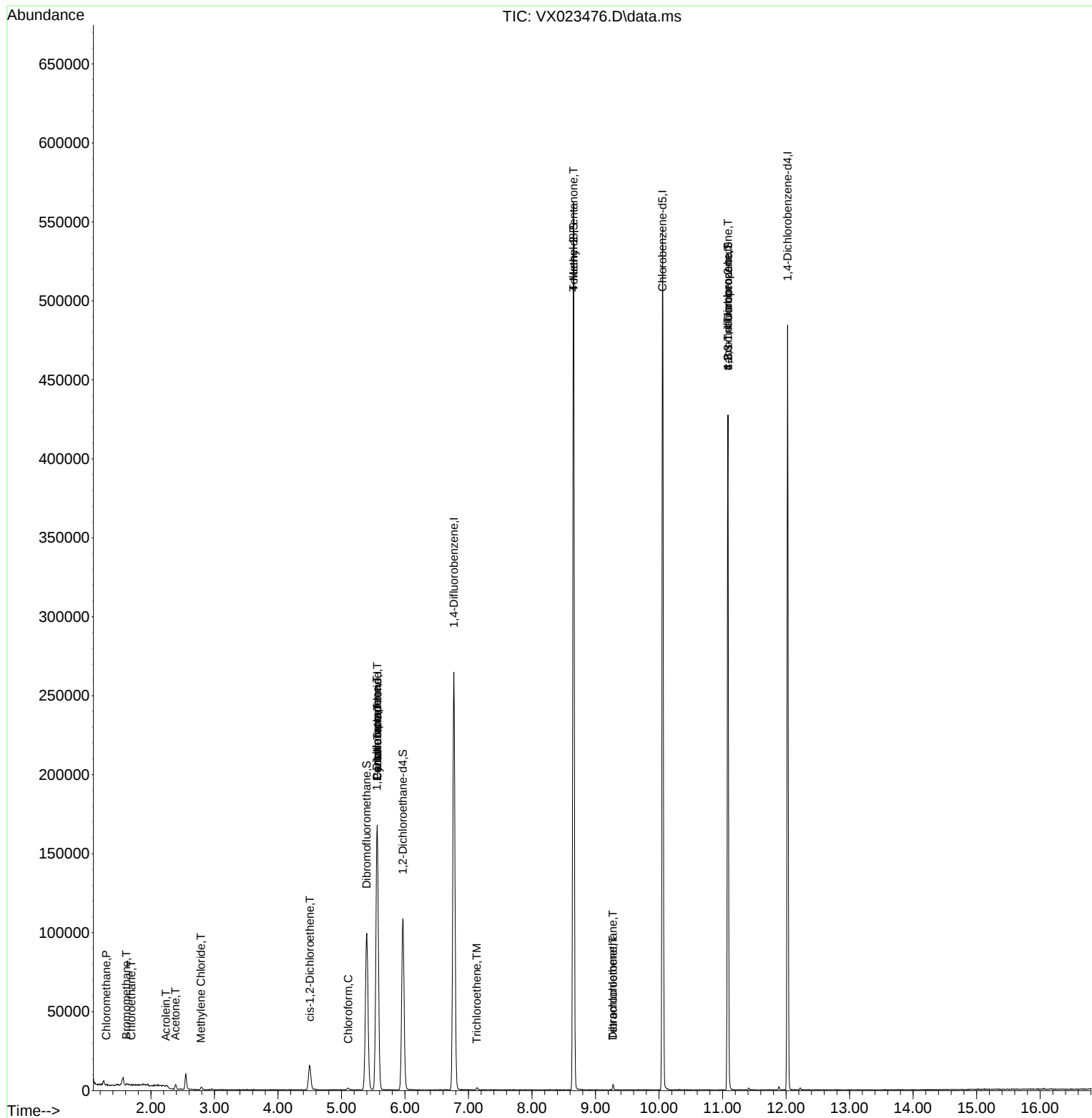
Internal Standards						
1) Pentafluorobenzene	5.562	168	160999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	269347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105590	52.576	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	105.160%	
35) Dibromofluoromethane	5.397	113	84881	50.402	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.800%	
50) Toluene-d8	8.653	98	325659	52.633	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	105.260%	
62) 4-Bromofluorobenzene	11.085	95	105920	50.343	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	100.680%	
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	445	0.258	ug/l	95
5) Bromomethane	1.612	94	685	0.661	ug/l #	59
6) Chloroethane	1.691	64	338	0.315	ug/l #	43
13) Acrolein	2.233	56	63	1.632	ug/l #	1
16) Acetone	2.386	43	3403	3.454	ug/l #	83
20) Methylene Chloride	2.788	84	742	0.387	ug/l #	87
27) cis-1,2-Dichloroethene	4.501	96	9580	4.909	ug/l	89
30) Chloroform	5.105	83	1405	0.440	ug/l	86
31) Cyclohexane	5.562	56	3360	1.129	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12096	4.964	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15830	6.388	ug/l #	16
44) Trichloroethene	7.129	130	606	0.305	ug/l	56
51) 4-Methyl-2-Pentanone	8.653	43	1568	0.539	ug/l #	1
60) Dibromochloromethane	9.275	129	622	2.280	ug/l #	11
64) Tetrachloroethene	9.275	164	534	0.276	ug/l #	78
76) 1,2,3-Trichloropropane	11.085	75	55413	26.246	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55413	70.572	ug/l #	12

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

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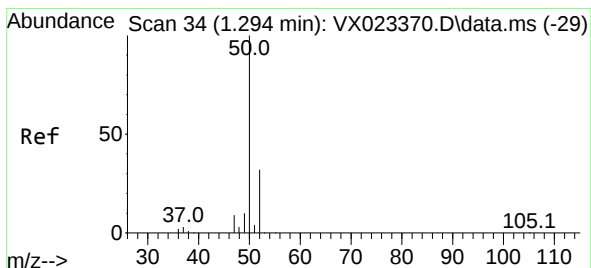
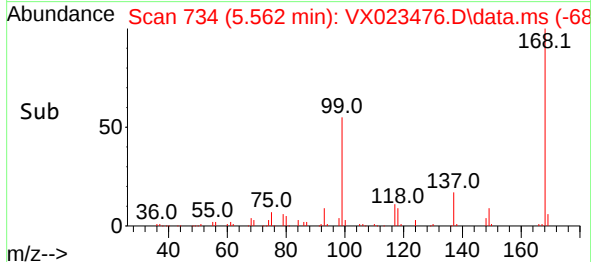
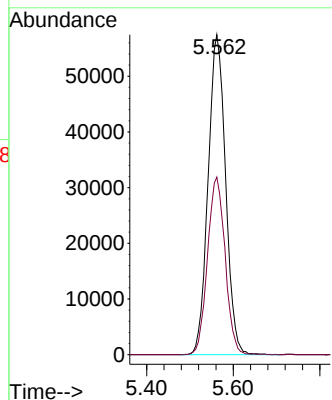
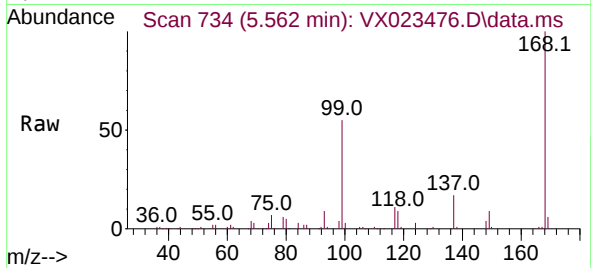




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

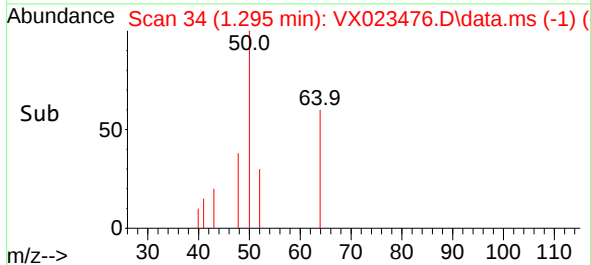
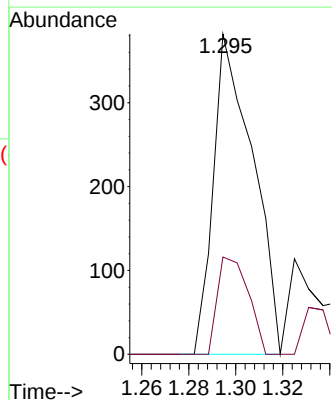
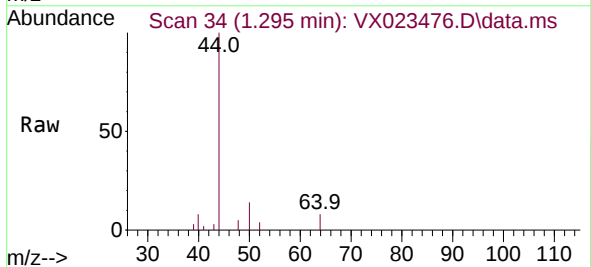
Instrument :
MSVOA_X
ClientSampled :

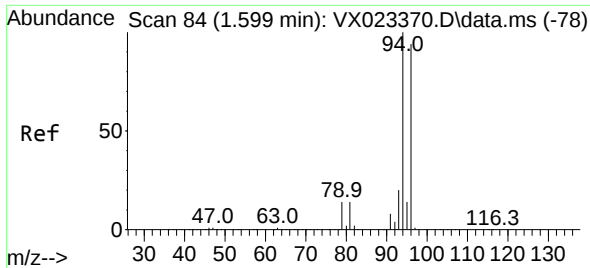
Tgt Ion:168 Resp: 160999
Ion Ratio Lower Upper
168 100
99 55.5 45.8 68.6



#3
Chloromethane
Concen: 0.258 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

Tgt Ion: 50 Resp: 445
Ion Ratio Lower Upper
50 100
52 30.4 26.4 39.6

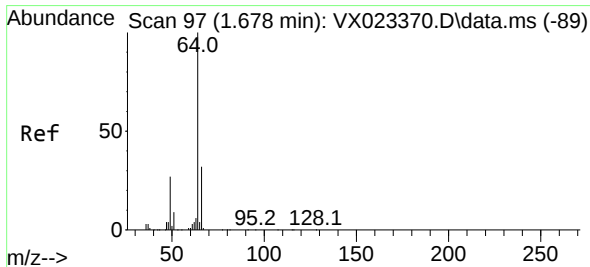
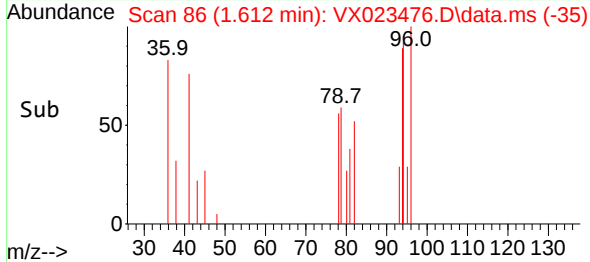
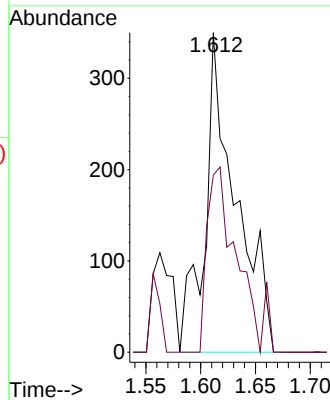
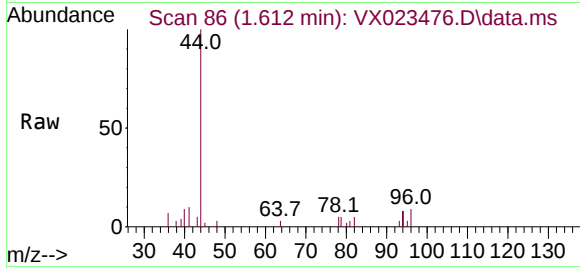




#5
Bromomethane
Concen: 0.661 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

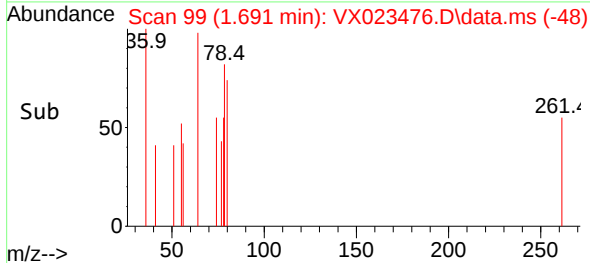
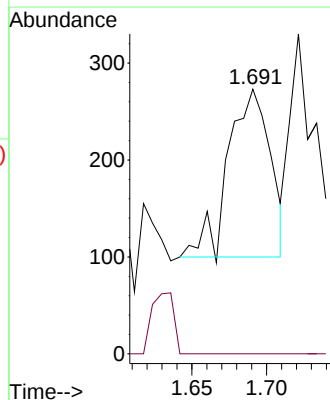
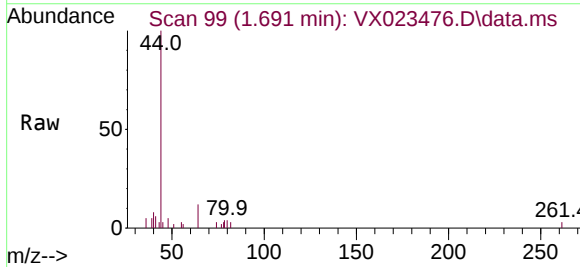
Instrument :
MSVOA_X
ClientSampleId :

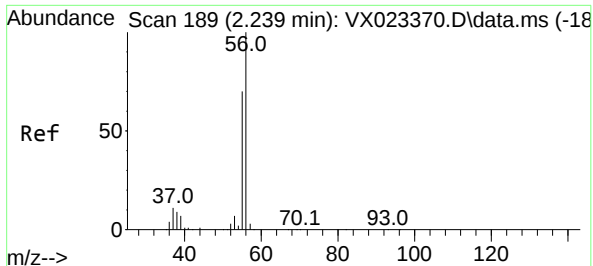
Tgt Ion: 94 Resp: 685
Ion Ratio Lower Upper
94 100
96 55.4 76.4 114.6#



#6
Chloroethane
Concen: 0.315 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

Tgt Ion: 64 Resp: 338
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

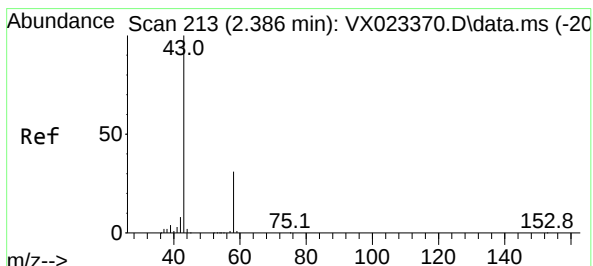
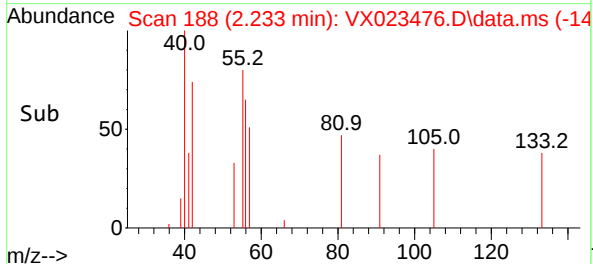
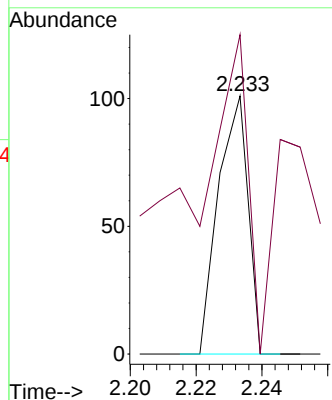
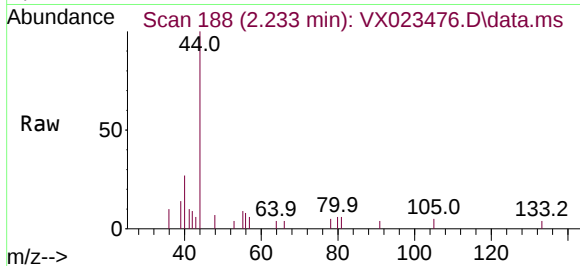




#13
Acrolein
Concen: 1.632 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

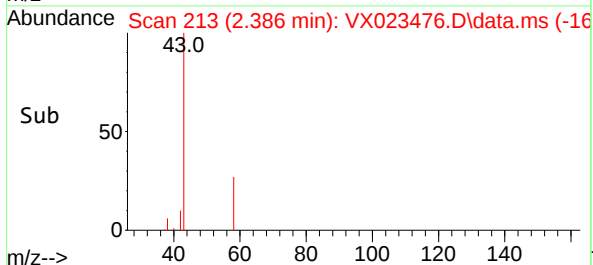
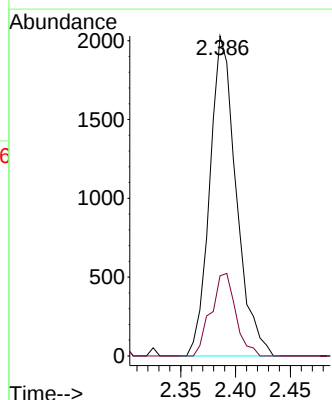
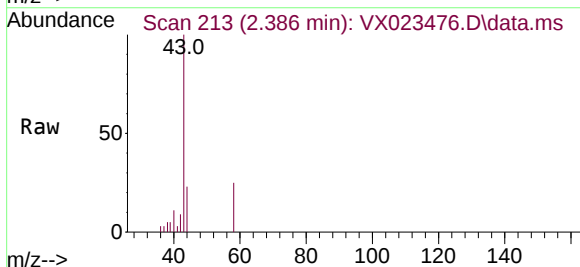
Instrument :
MSVOA_X
ClientSampleId :

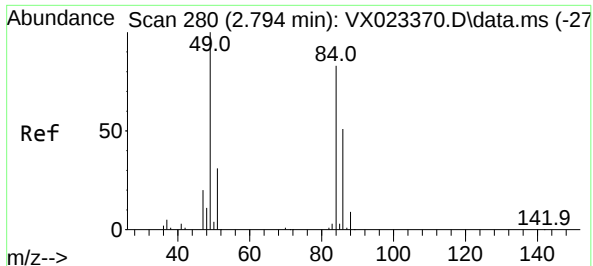
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 257.1 56.4 84.6#



#16
Acetone
Concen: 3.454 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

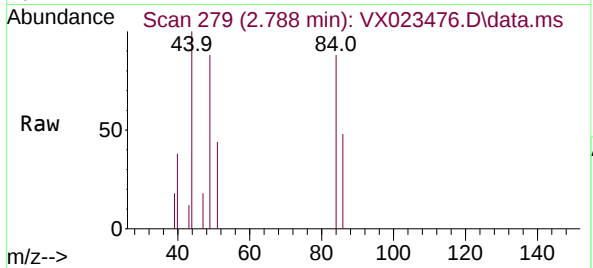
Tgt Ion: 43 Resp: 3403
Ion Ratio Lower Upper
43 100
58 25.0 27.8 41.8#



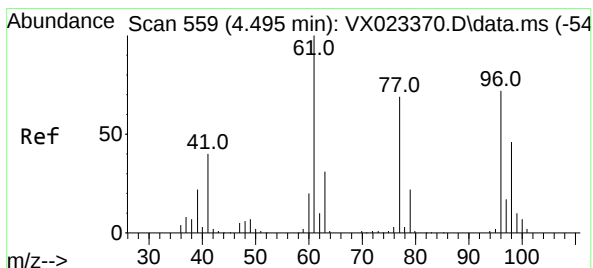
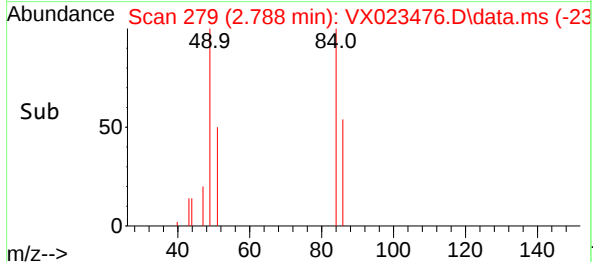
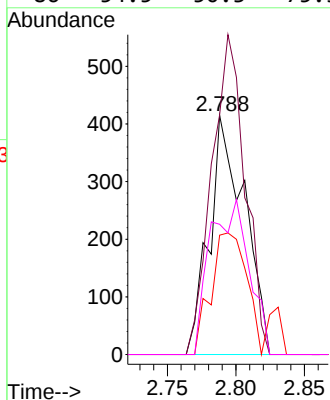


#20
Methylene Chloride
Concen: 0.387 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

Instrument :
MSVOA_X
ClientSampleId :

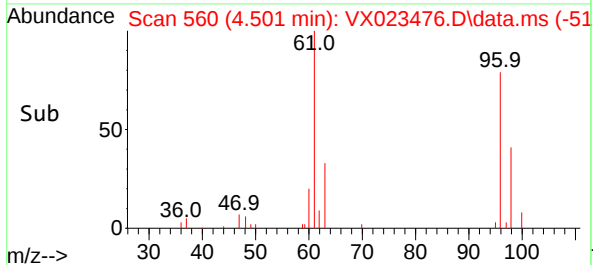
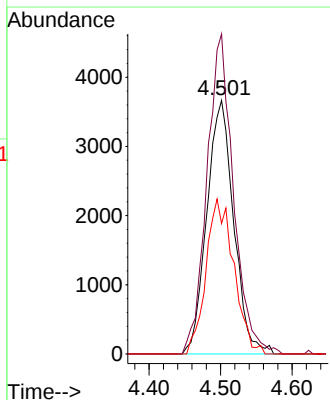
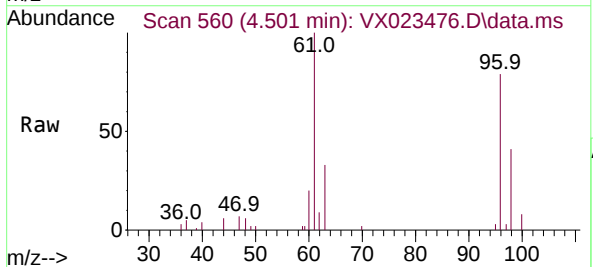


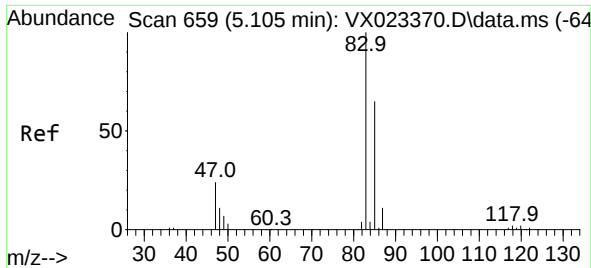
Tgt Ion:	84	Resp:	742
Ion	Ratio	Lower	Upper
84	100		
49	100.2	88.6	132.8
51	49.9	27.0	40.6#
86	54.5	50.3	75.5



#27
cis-1,2-Dichloroethene
Concen: 4.909 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

Tgt Ion:	96	Resp:	9580
Ion	Ratio	Lower	Upper
96	100		
61	124.5	0.0	285.6
98	63.2	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: VX023476.D

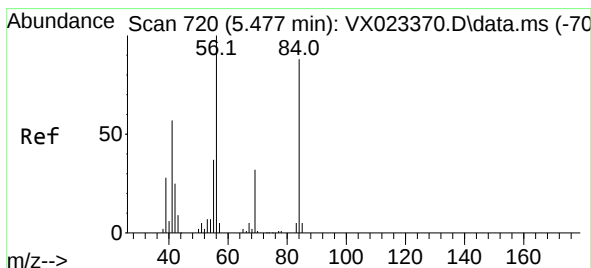
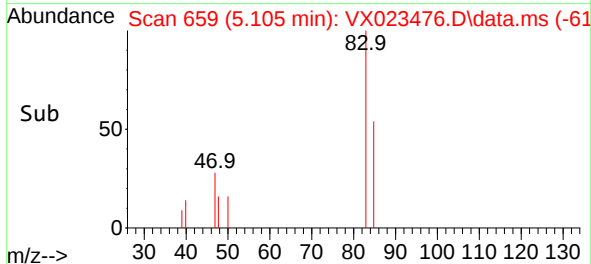
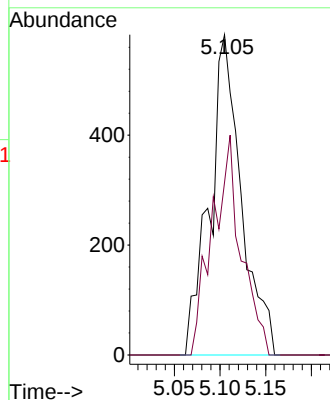
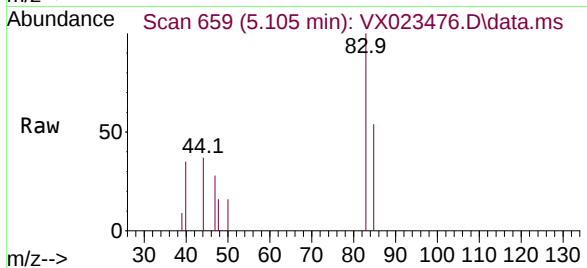
Acq: 27 Jul 2021 14:49

Tgt Ion: 83 Resp: 1405

Ion Ratio Lower Upper

83 100

85 53.9 52.0 78.0



#31

Cyclohexane

Concen: 1.129 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX023476.D

Acq: 27 Jul 2021 14:49

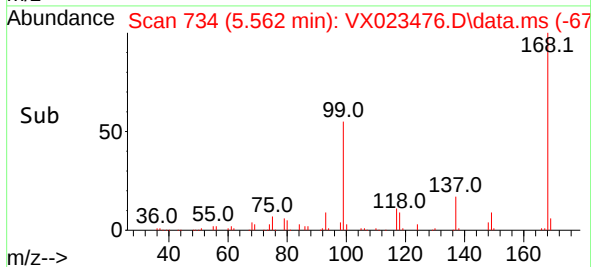
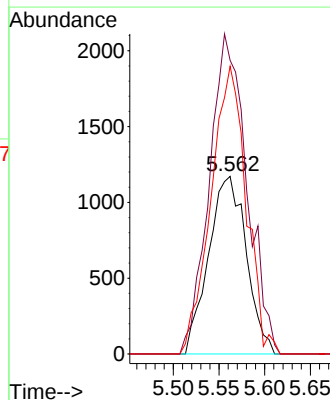
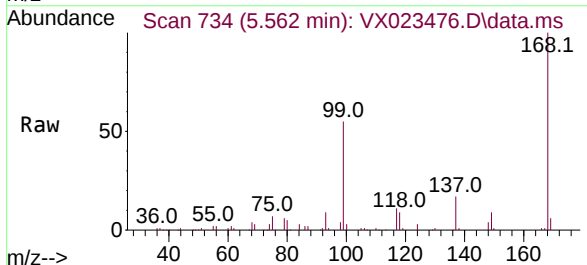
Tgt Ion: 56 Resp: 3360

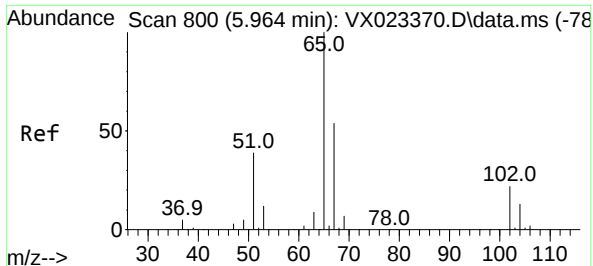
Ion Ratio Lower Upper

56 100

69 165.3 25.3 37.9#

84 161.9 71.4 107.0#

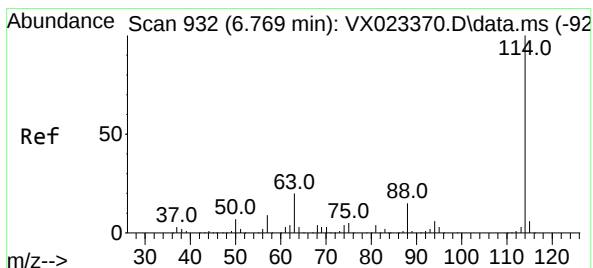
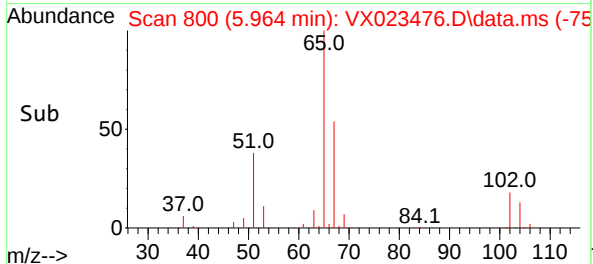
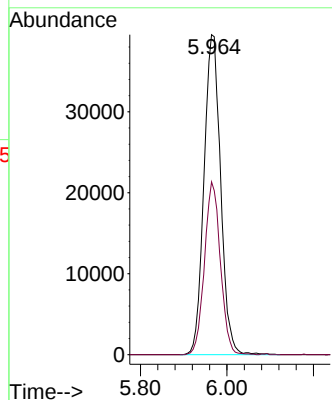
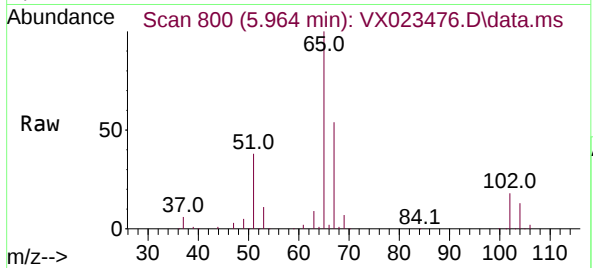




#33
1,2-Dichloroethane-d4
Concen: 52.576 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

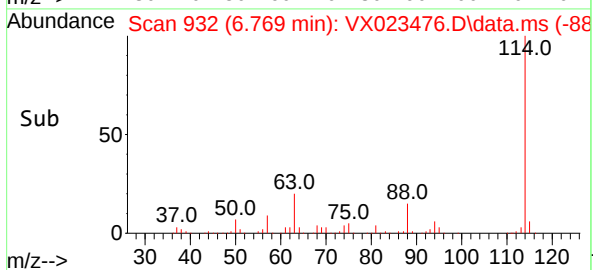
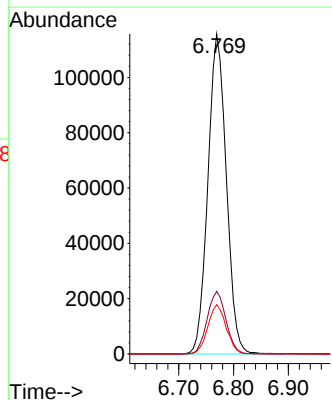
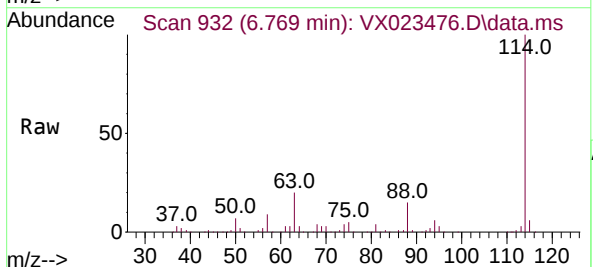
Instrument :
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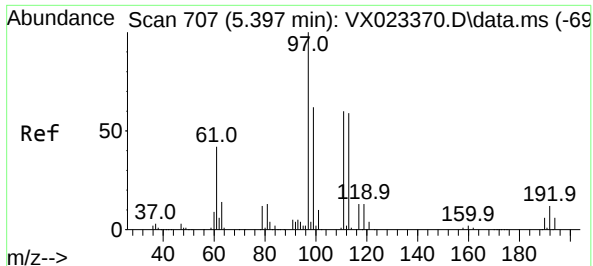
Tgt Ion: 65 Resp: 105590
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

Tgt Ion: 114 Resp: 269347
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.402 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023476.D

Acq: 27 Jul 2021 14:49

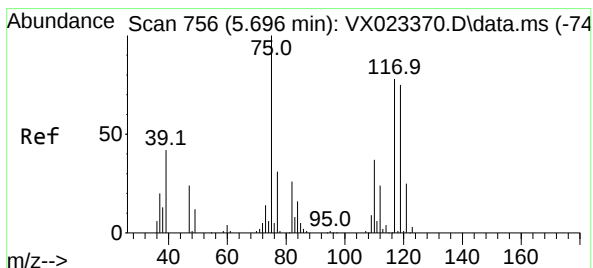
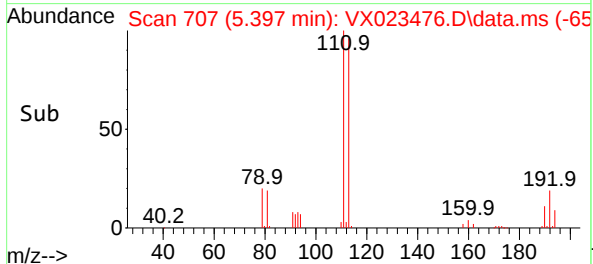
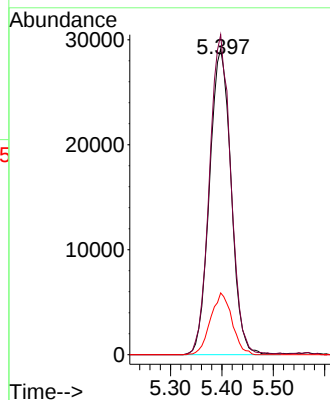
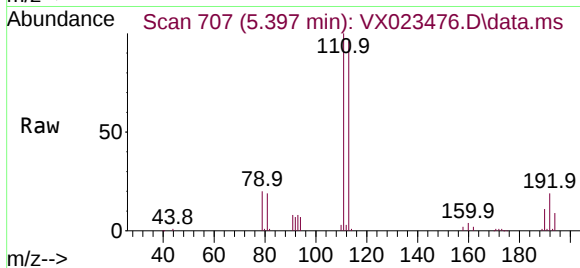
Tgt Ion:113 Resp: 84881

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 20.1 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.964 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023476.D

Acq: 27 Jul 2021 14:49

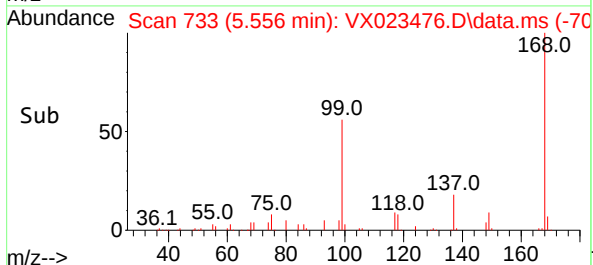
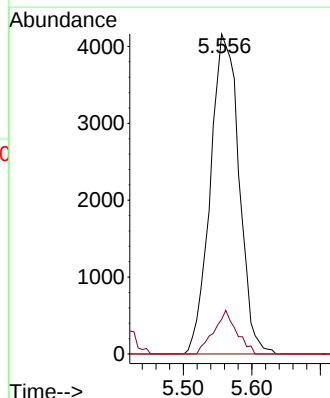
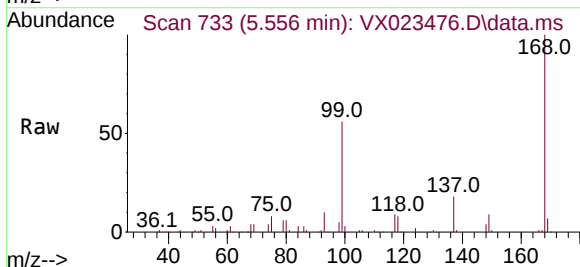
Tgt Ion: 75 Resp: 12096

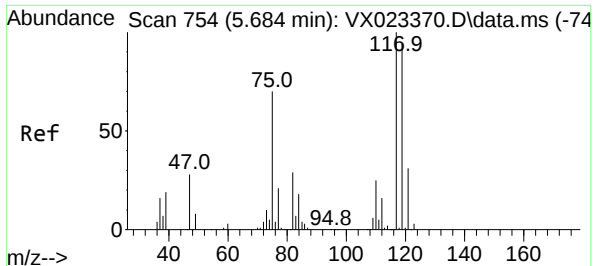
Ion Ratio Lower Upper

75 100

110 10.7 18.1 54.4#

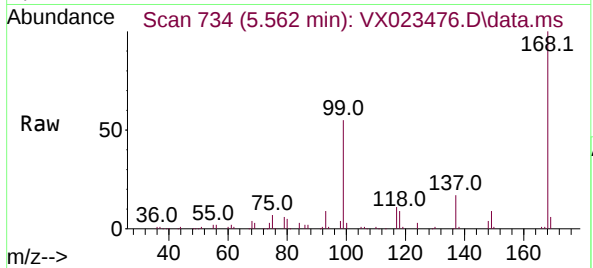
77 0.0 25.3 37.9#



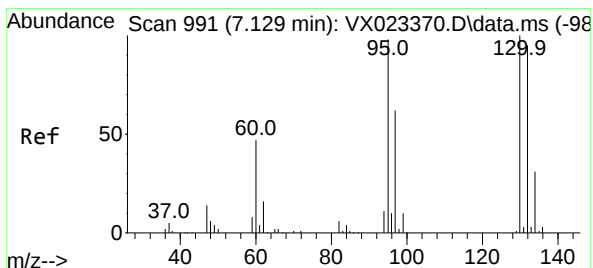
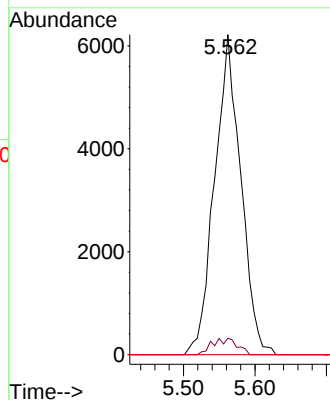
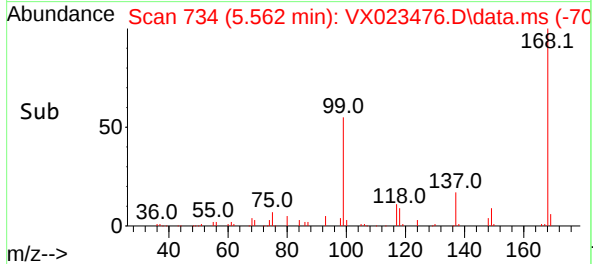


#38
Carbon Tetrachloride
Concen: 6.388 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

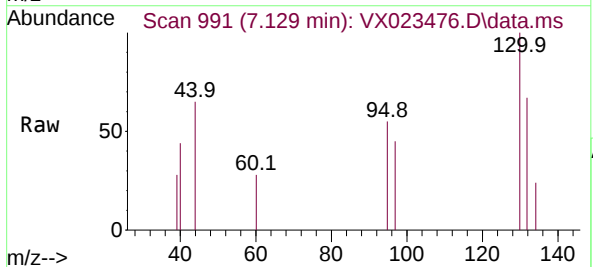
Instrument :
MSVOA_X
ClientSampleId :



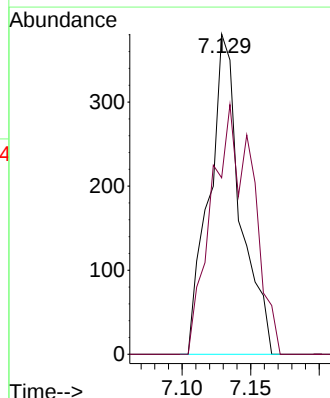
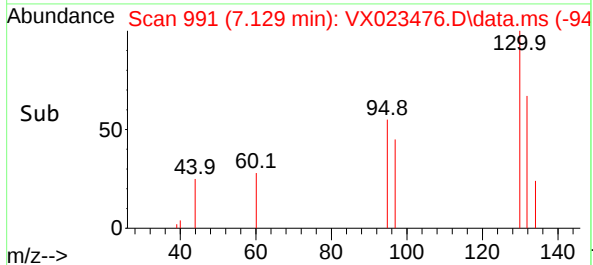
Tgt Ion:117 Resp: 15830
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

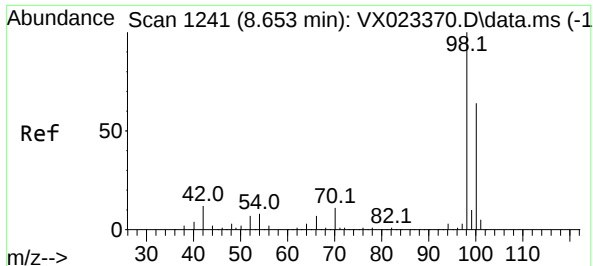


#44
Trichloroethene
Concen: 0.305 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49



Tgt Ion:130 Resp: 606
Ion Ratio Lower Upper
130 100
95 55.1 0.0 198.0

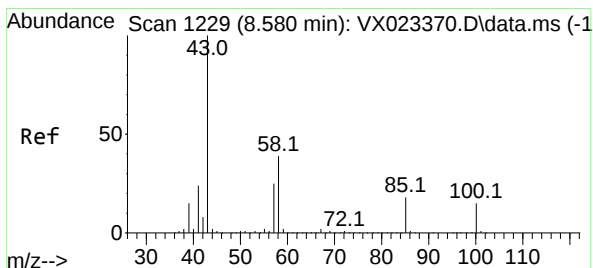
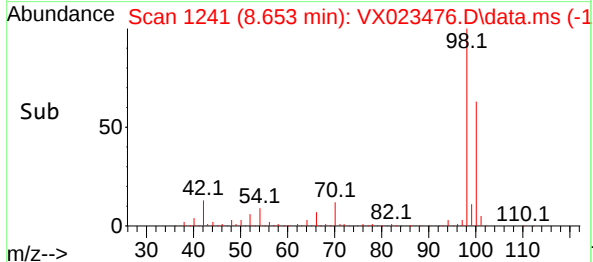
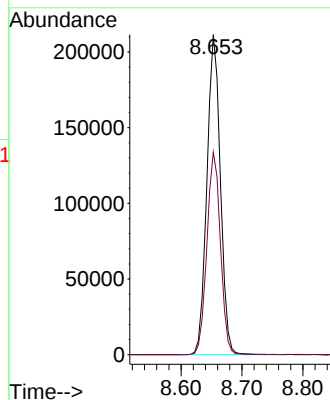
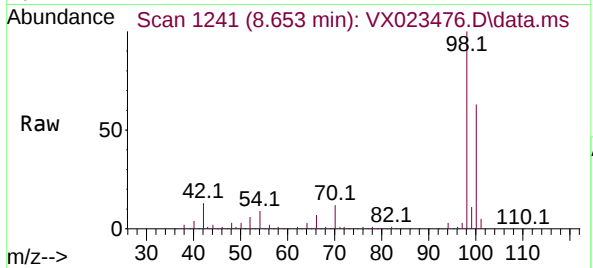




#50
Toluene-d8
Concen: 52.633 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

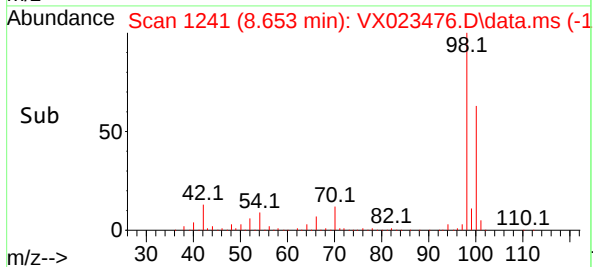
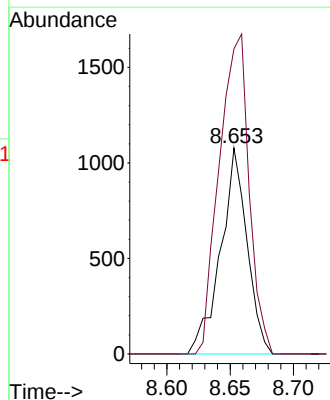
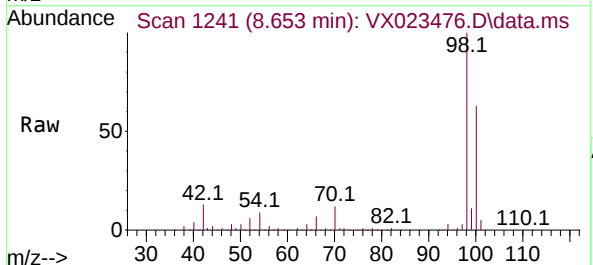
Instrument :
MSVOA_X
ClientSampled :

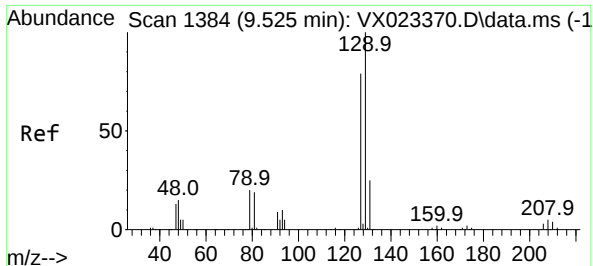
Tgt Ion: 98 Resp: 325659
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
58 174.9 35.4 53.0#

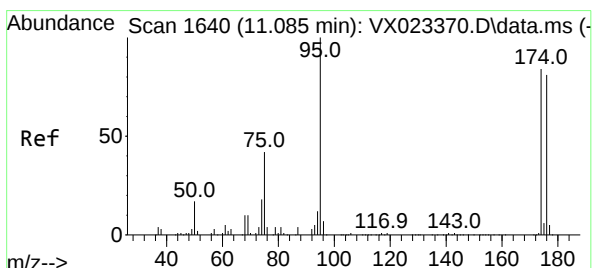
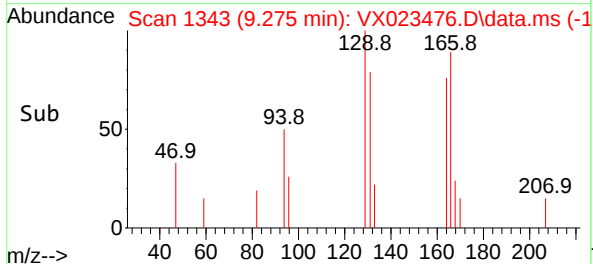
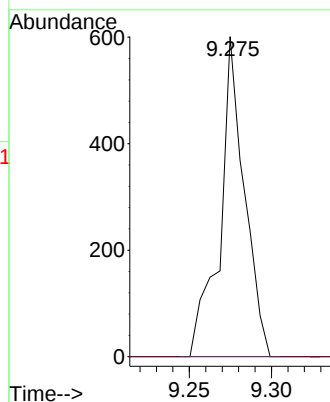
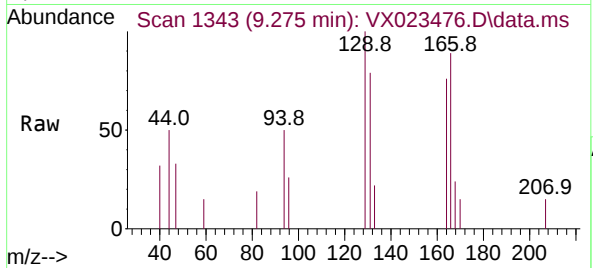




#60
Dibromochloromethane
Concen: 2.280 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

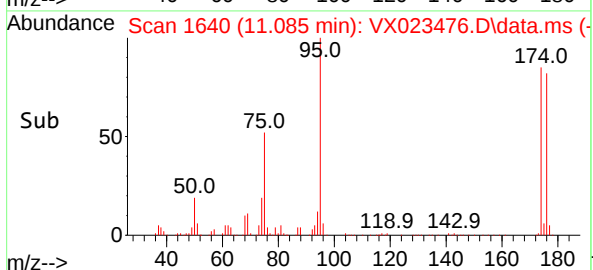
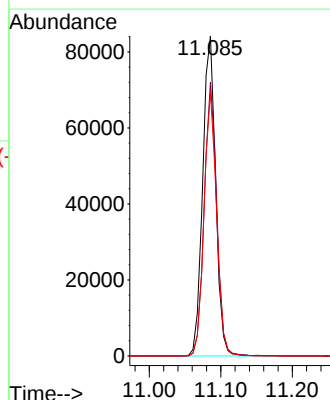
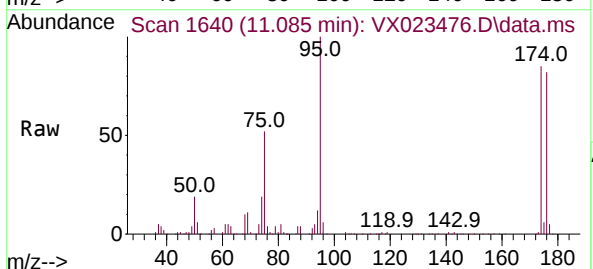
Instrument :
MSVOA_X
ClientSampleId :

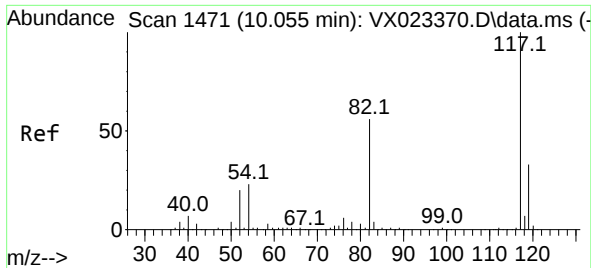
Tgt Ion:129 Resp: 622
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 50.343 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

Tgt Ion: 95 Resp: 105920
Ion Ratio Lower Upper
95 100
174 83.1 0.0 154.6
176 80.0 0.0 155.8

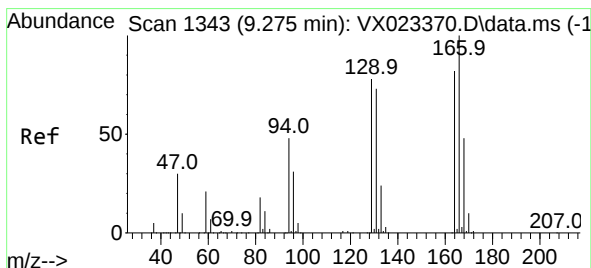
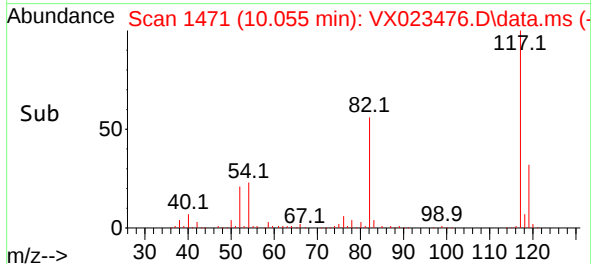
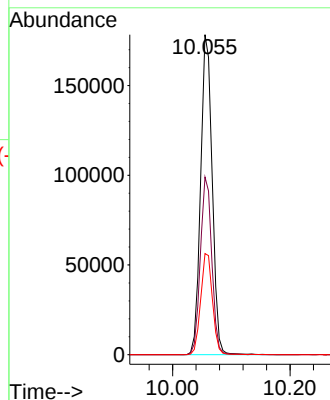
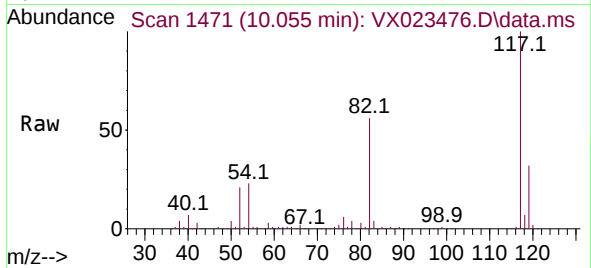




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

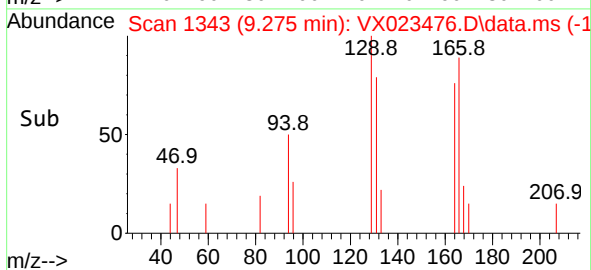
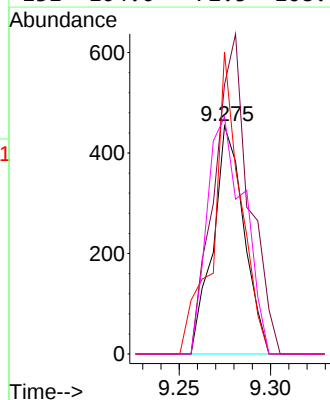
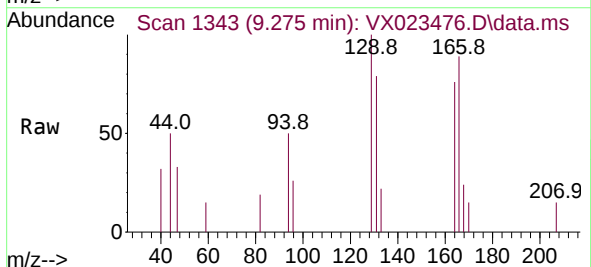
Instrument :
MSVOA_X
ClientSampleId :

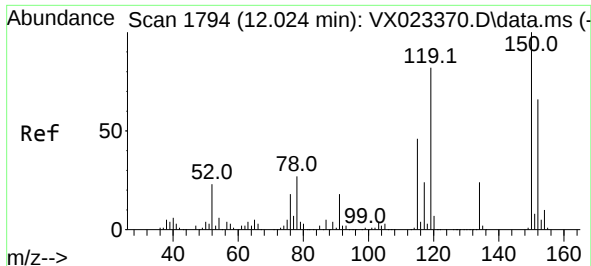
Tgt Ion:117 Resp: 243419
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 31.6 26.6 39.8



#64
Tetrachloroethene
Concen: 0.276 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

Tgt Ion:164 Resp: 534
Ion Ratio Lower Upper
164 100
166 118.1 103.4 155.2
129 132.4 70.8 106.2#
131 104.0 72.5 108.7

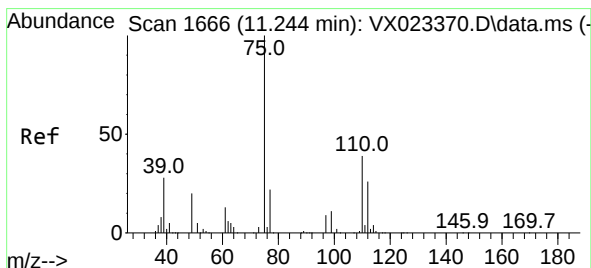
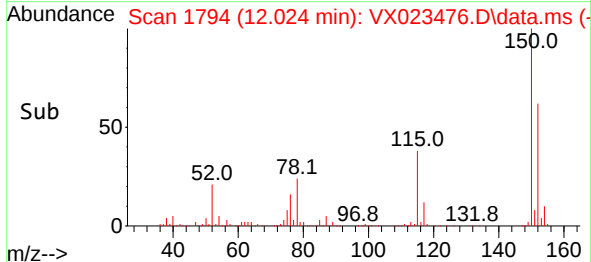
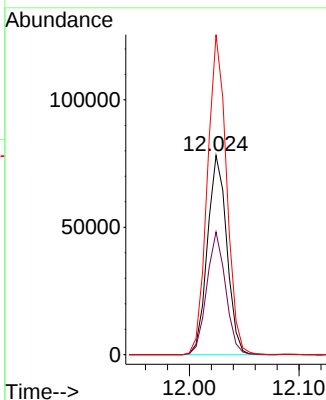
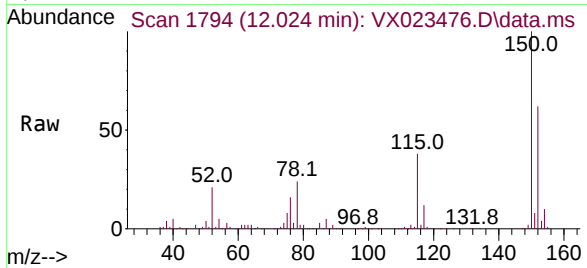




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

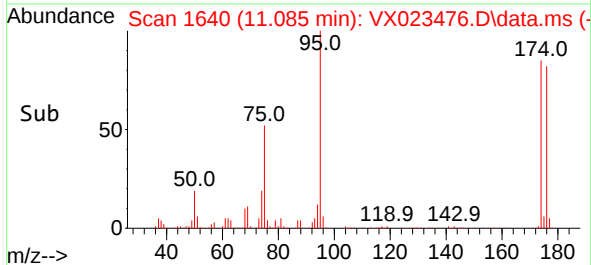
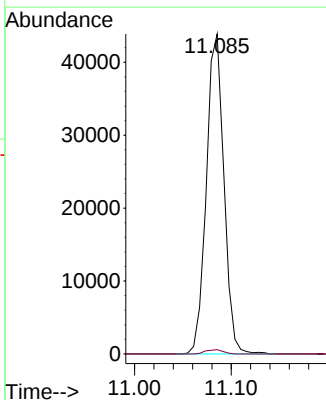
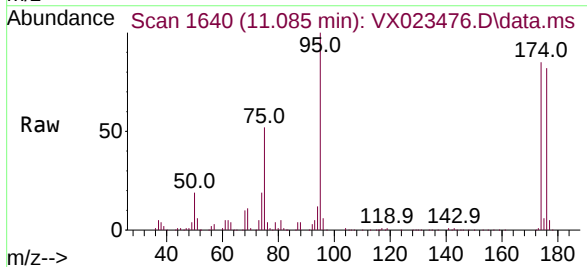
Instrument :
MSVOA_X
ClientSampled :

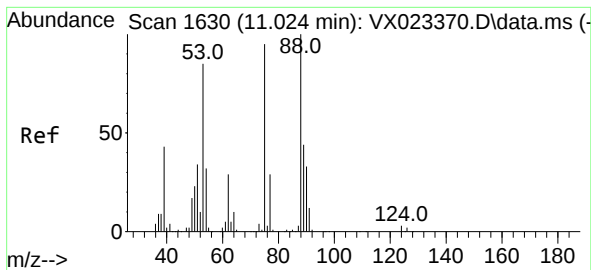
Tgt Ion:152 Resp: 95944
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 158.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.246 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023476.D
Acq: 27 Jul 2021 14:49

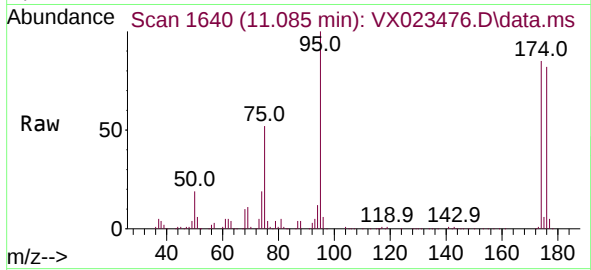
Tgt Ion: 75 Resp: 55413
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.572 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023476.D
 Acq: 27 Jul 2021 14:49

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 55413
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

