

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032899.D
 Acq On : 17 Nov 2022 14:53
 Operator : JC/MD
 Sample : N5671-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20221115

Quant Time: Nov 18 01:41:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

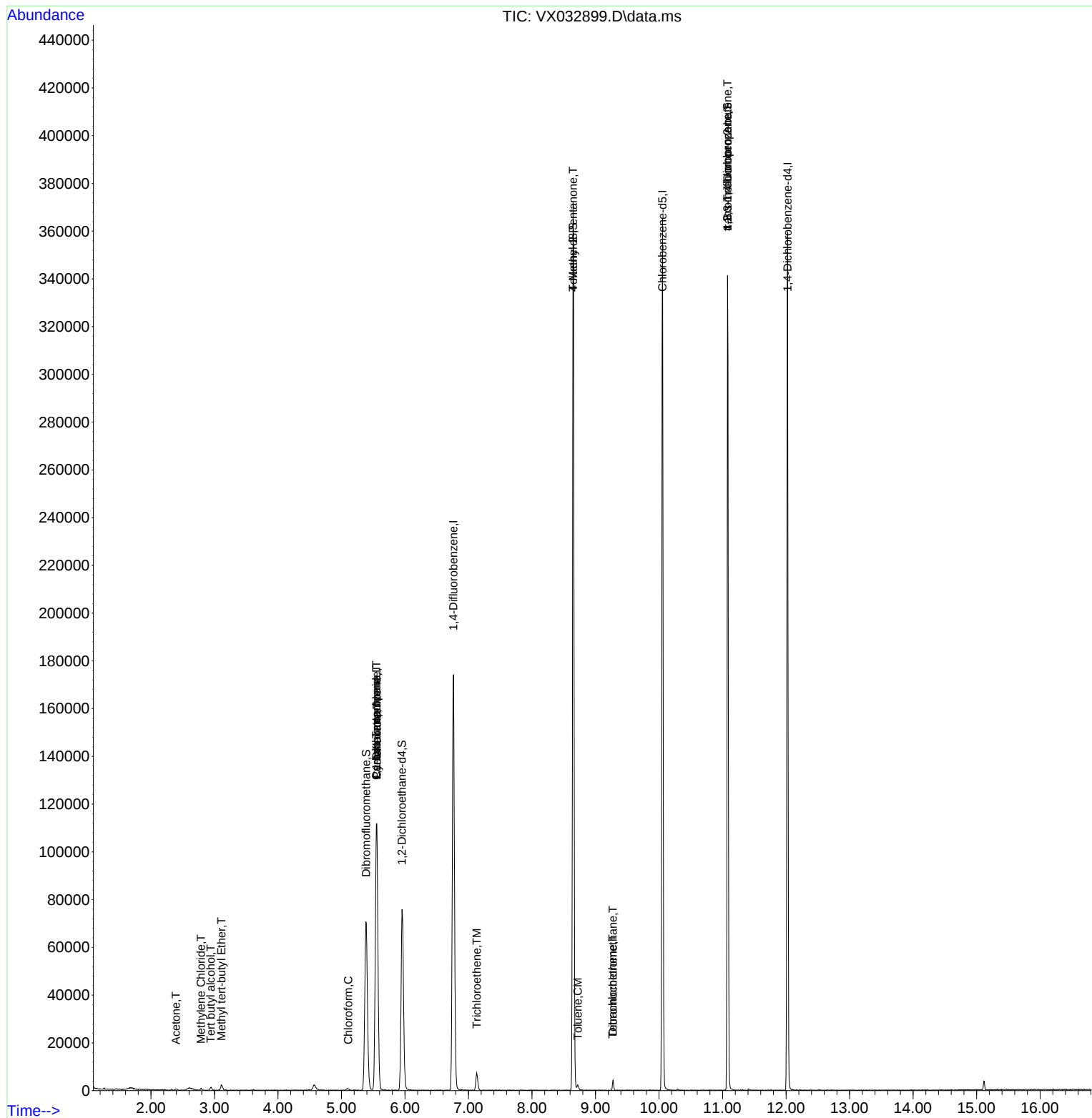
Internal Standards						
1) Pentafluorobenzene	5.556	168	108922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	159062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77330	51.095	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.200%
35) Dibromofluoromethane	5.385	113	61340	48.215	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.420%
50) Toluene-d8	8.647	98	219885	49.705	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.400%
62) 4-Bromofluorobenzene	11.079	95	84925	49.145	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	745	3.382	ug/l #	72
16) Acetone	2.392	43	901	1.638	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	2653	0.691	ug/l #	82
20) Methylene Chloride	2.788	84	391	0.310	ug/l #	43
30) Chloroform	5.105	83	1137	0.478	ug/l	87
31) Cyclohexane	5.556	56	2487	1.355	ug/l #	51
36) 1,1-Dichloropropene	5.550	75	8511	4.804	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11051	5.624	ug/l #	16
44) Trichloroethene	7.129	130	2862	2.028	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	960	0.538	ug/l #	1
52) Toluene	8.720	92	941	0.288	ug/l	96
60) Dibromochloromethane	9.275	129	710	0.472	ug/l #	11
64) Tetrachloroethene	9.269	164	737	0.633	ug/l #	76
76) 1,2,3-Trichloropropane	11.079	75	45838	27.888	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45838	88.741	ug/l #	6

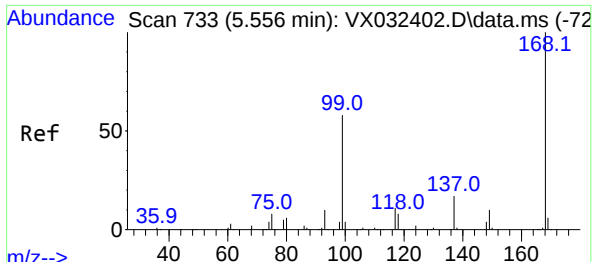
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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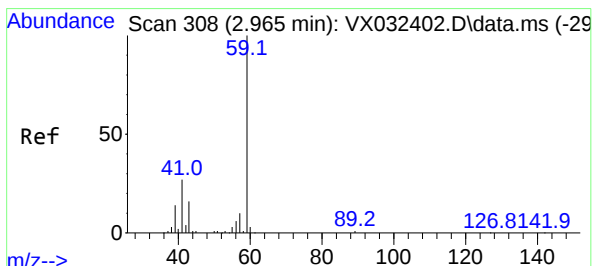
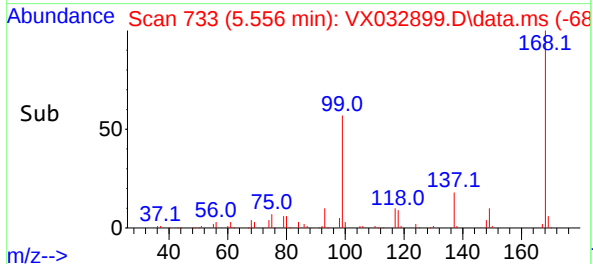
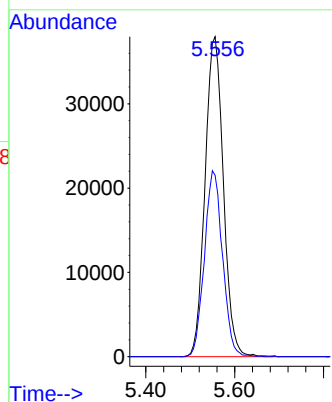
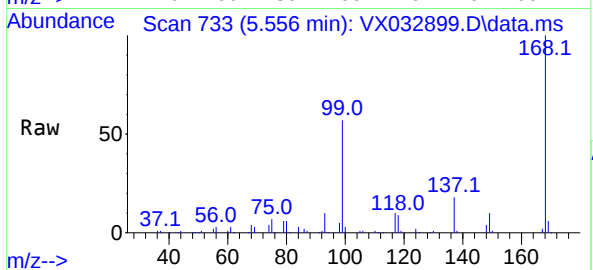




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

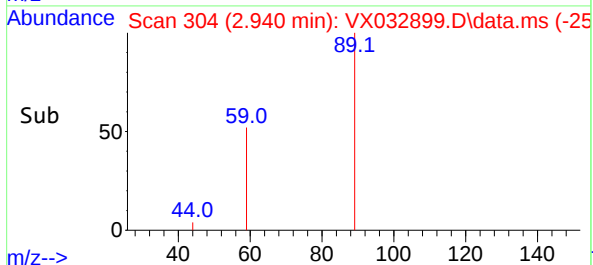
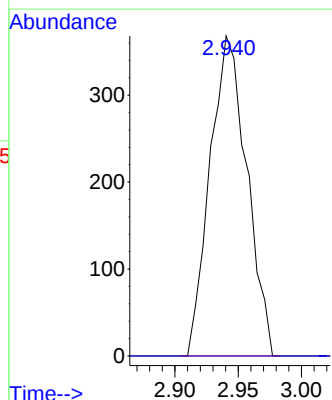
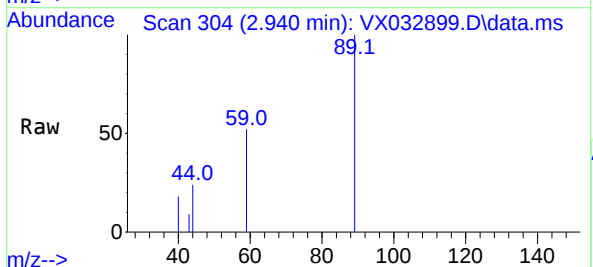
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

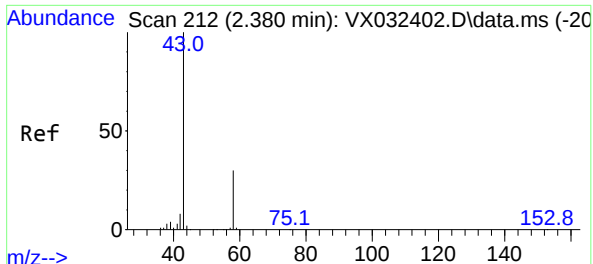
Tgt Ion:168 Resp: 108922
Ion Ratio Lower Upper
168 100
99 56.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 3.382 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion: 59 Resp: 745
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

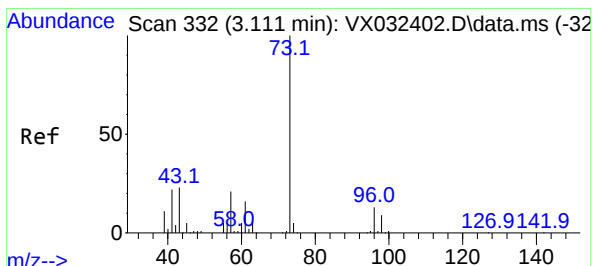
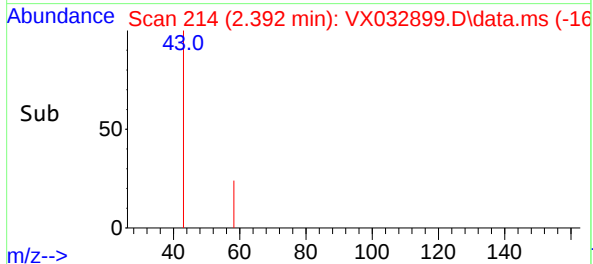
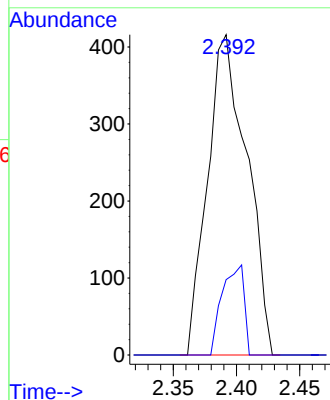
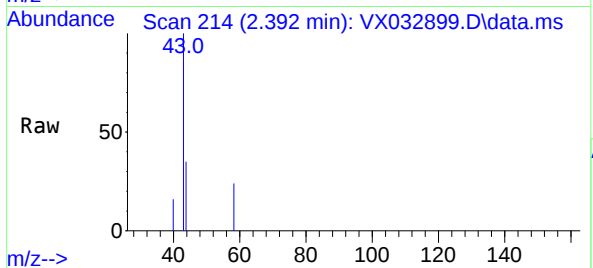




#16
Acetone
Concen: 1.638 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

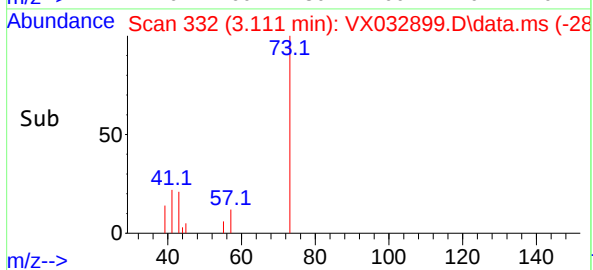
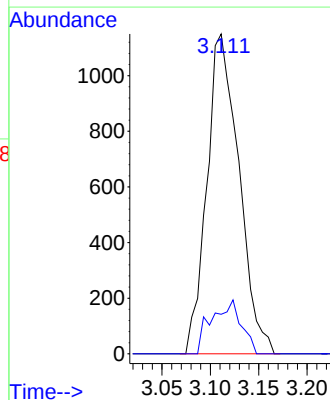
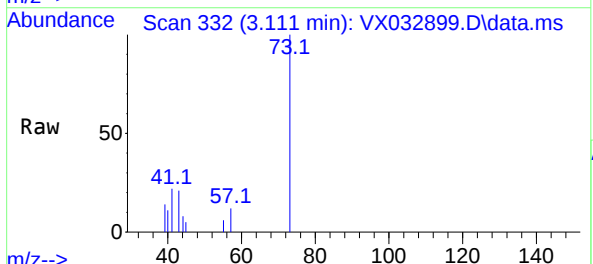
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

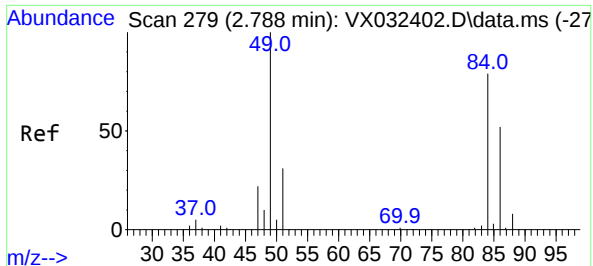
Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 23.6 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 0.691 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion: 73 Resp: 2653
Ion Ratio Lower Upper
73 100
57 12.3 16.6 25.0#



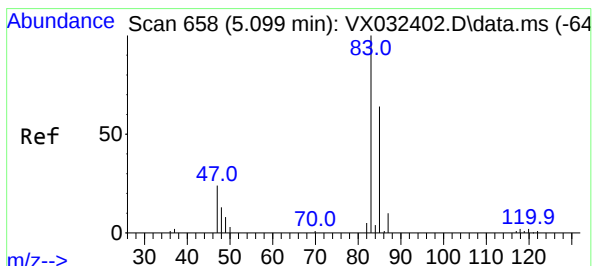
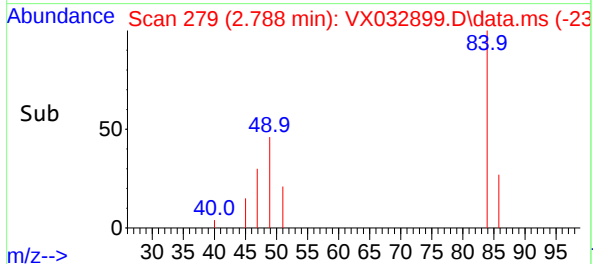
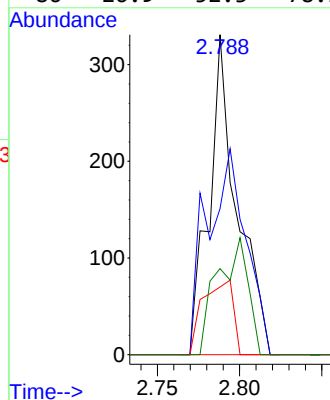
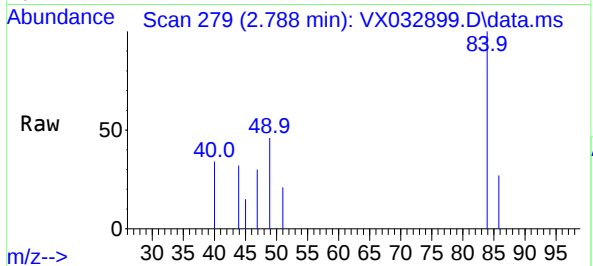


#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

Tgt Ion: 84 Resp: 391

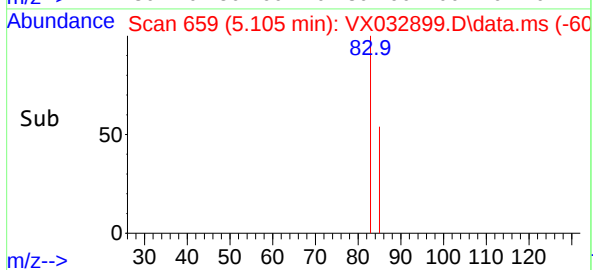
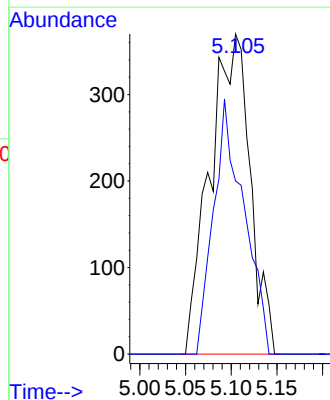
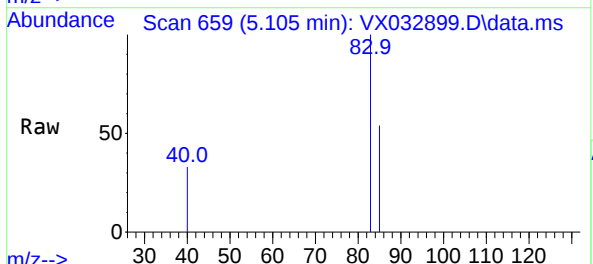
Ion	Ratio	Lower	Upper
84	100		
49	45.6	101.0	151.6#
51	21.1	31.1	46.7#
86	26.9	52.3	78.5#

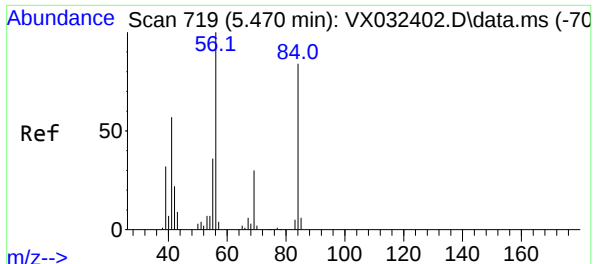


#30
Chloroform
Concen: 0.478 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion: 83 Resp: 1137

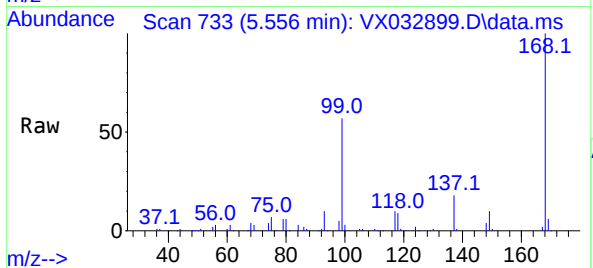
Ion	Ratio	Lower	Upper
83	100		
85	54.1	51.1	76.7





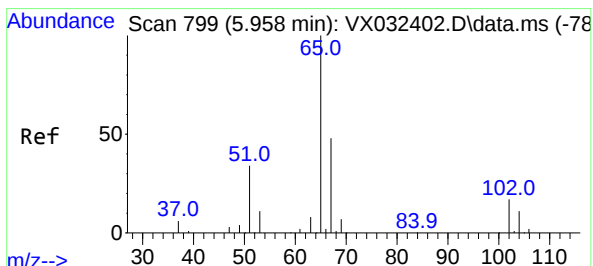
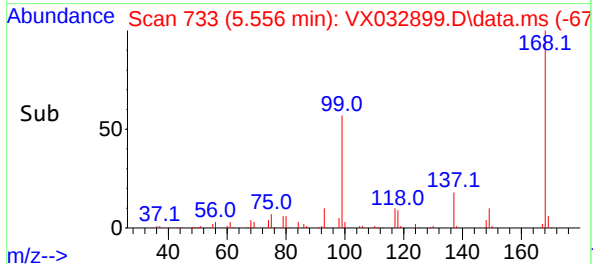
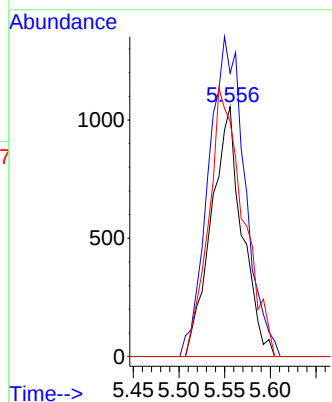
#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Instrument :
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Tgt Ion: 56 Resp: 2487

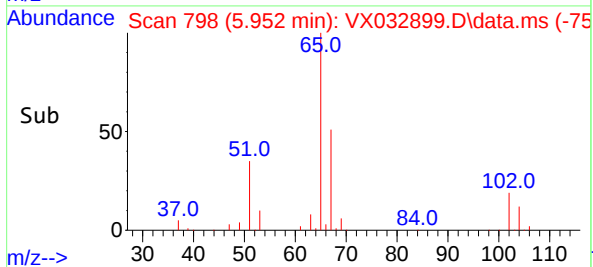
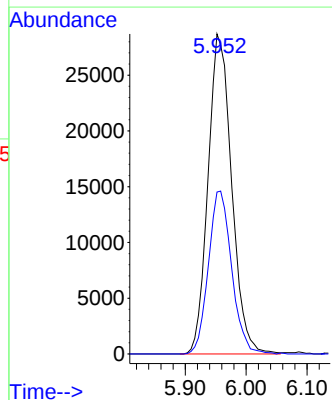
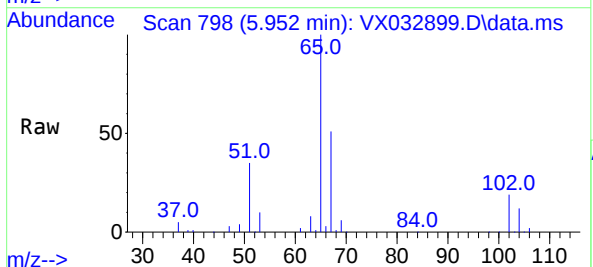
Ion	Ratio	Lower	Upper
56	100		
69	113.4	24.1	36.1
84	94.0	66.9	100.3

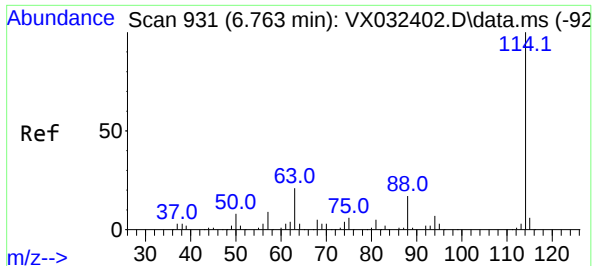


#33
1,2-Dichloroethane-d4
Concen: 51.095 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion: 65 Resp: 77330

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	101.8

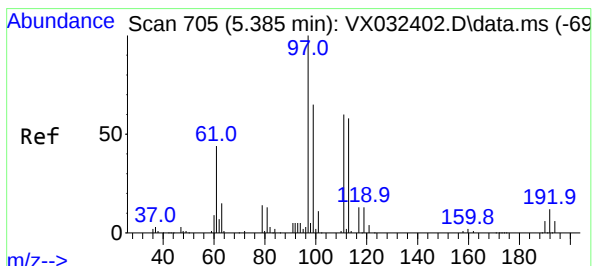
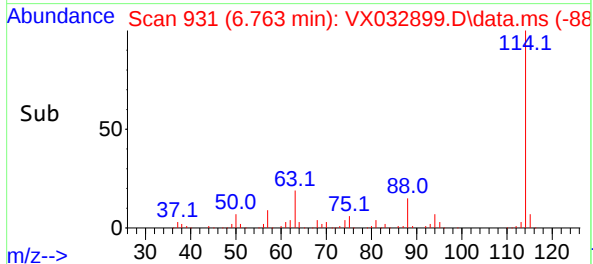
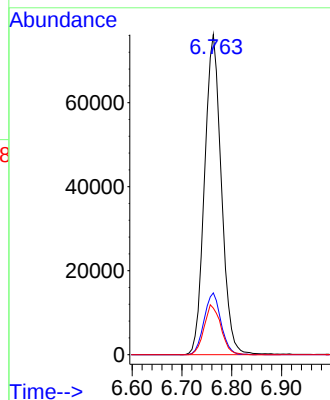
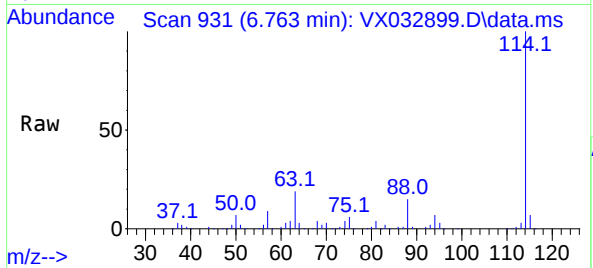




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

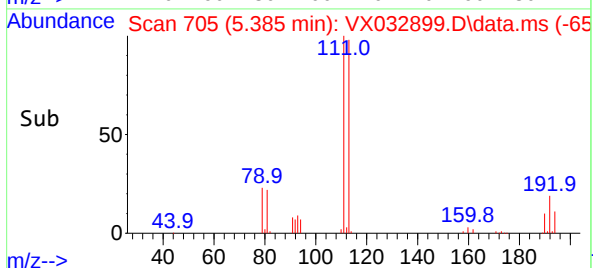
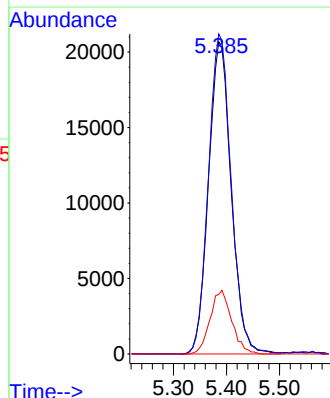
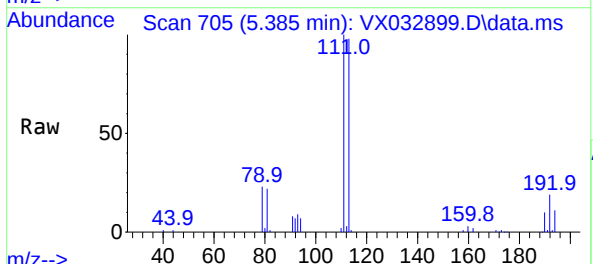
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

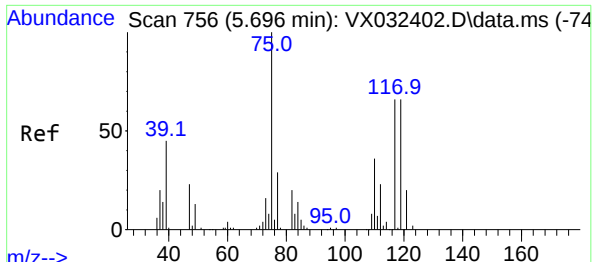
Tgt Ion:114 Resp: 178356
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.6
88 14.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.215 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion:113 Resp: 61340
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.4 15.4 23.2

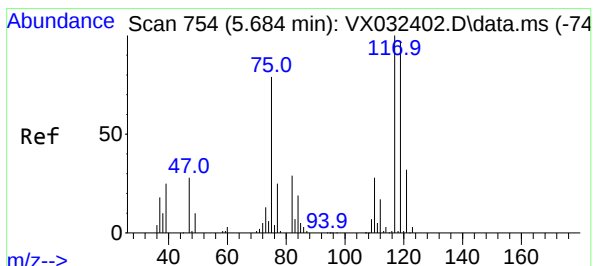
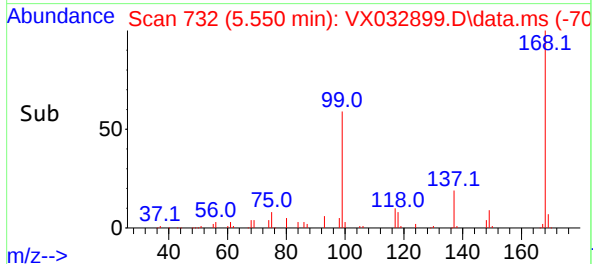
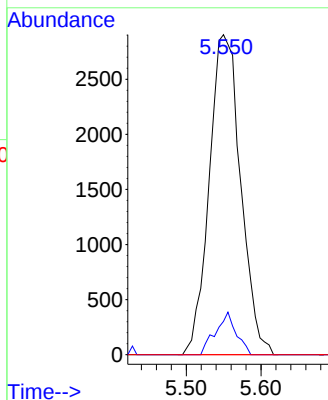
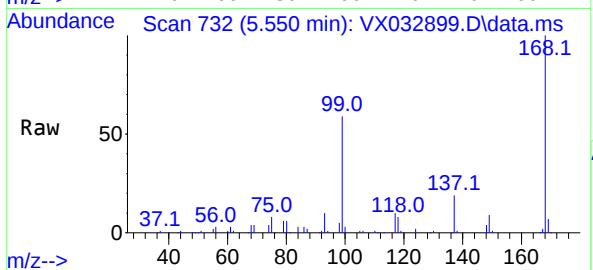




#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

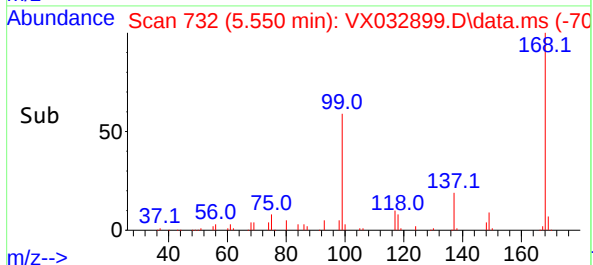
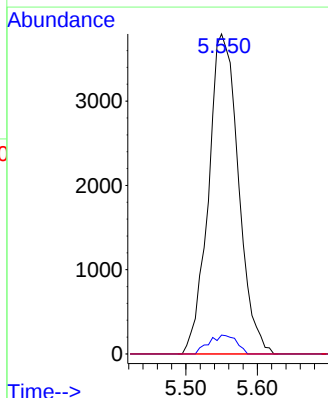
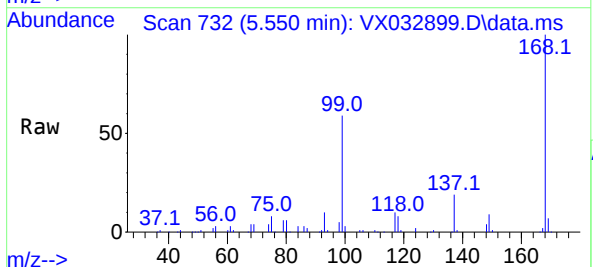
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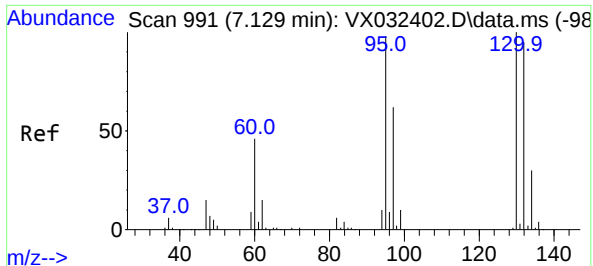
Tgt Ion: 75 Resp: 8511
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.624 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion: 117 Resp: 11051
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.8 38.6#

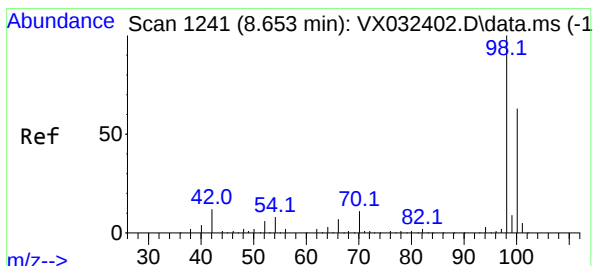
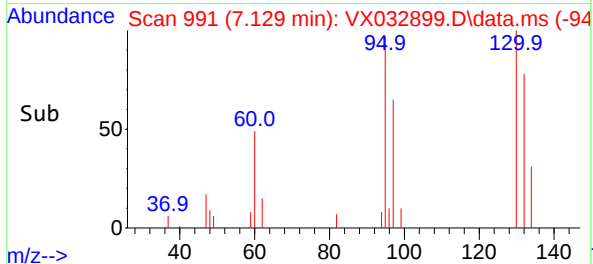
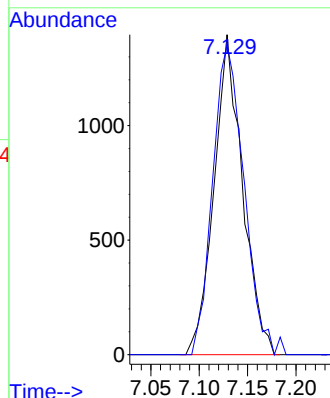
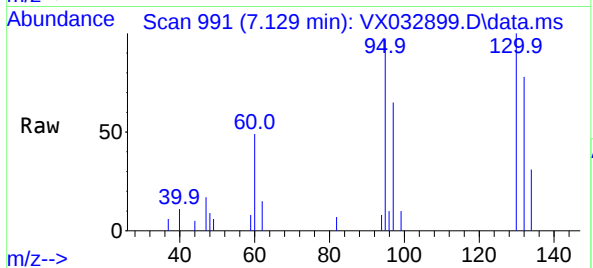




#44
Trichloroethene
Concen: 2.028 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

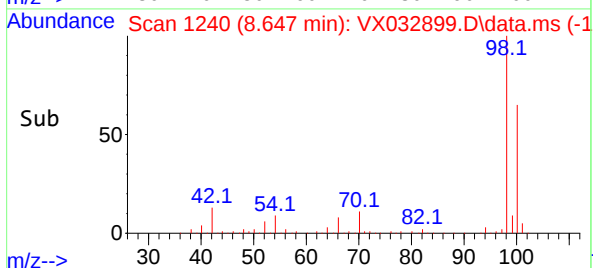
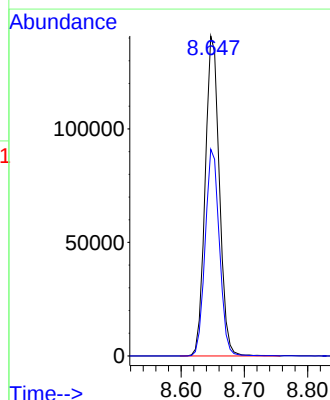
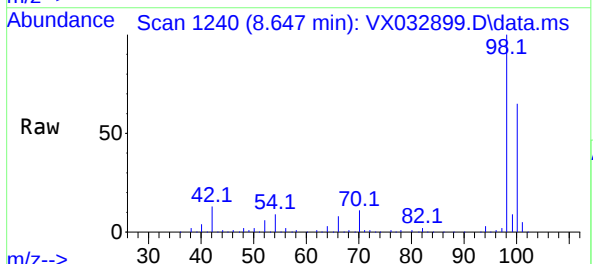
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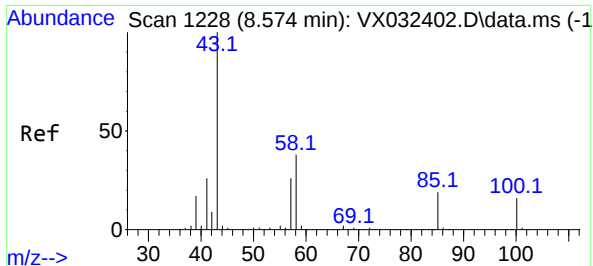
Tgt Ion:130 Resp: 2862
Ion Ratio Lower Upper
130 100
95 96.9 0.0 195.2



#50
Toluene-d8
Concen: 49.705 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion: 98 Resp: 219885
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.538 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032899.D

Acq: 17 Nov 2022 14:53

Instrument :

MSVOA_X

ClientSampleId :

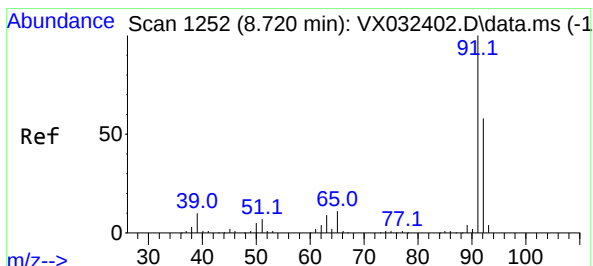
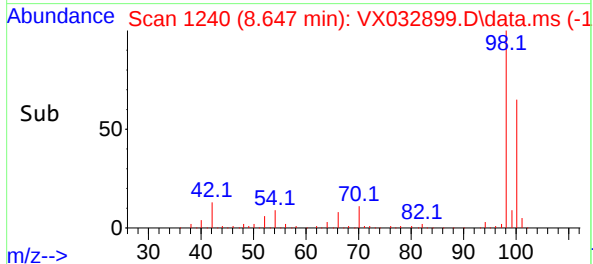
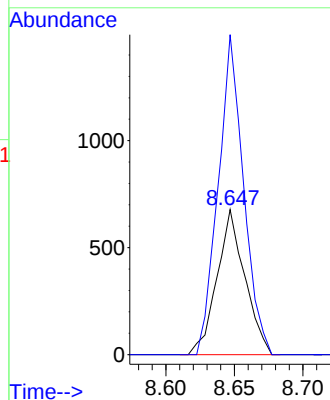
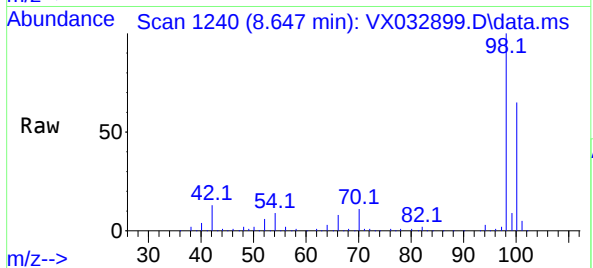
MW178I-20221115

Tgt Ion: 43 Resp: 960

Ion Ratio Lower Upper

43 100

58 200.5 30.9 46.3#



#52

Toluene

Concen: 0.288 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX032899.D

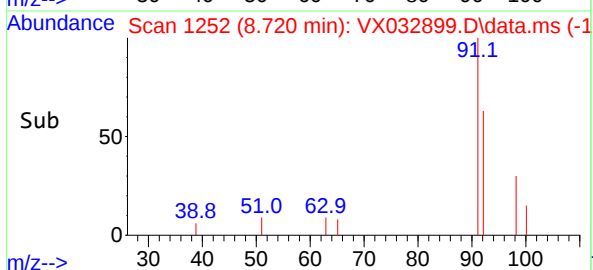
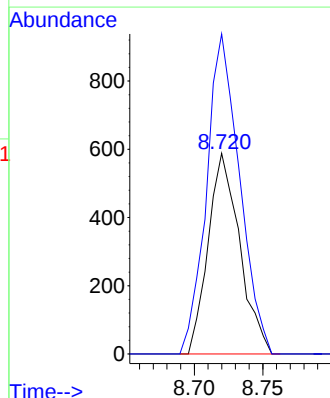
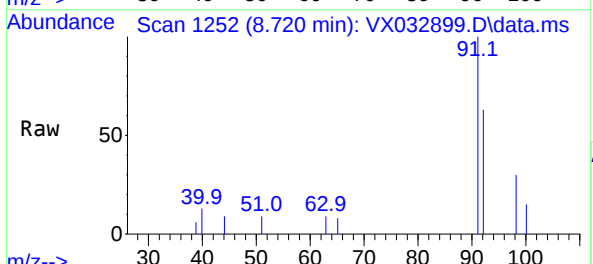
Acq: 17 Nov 2022 14:53

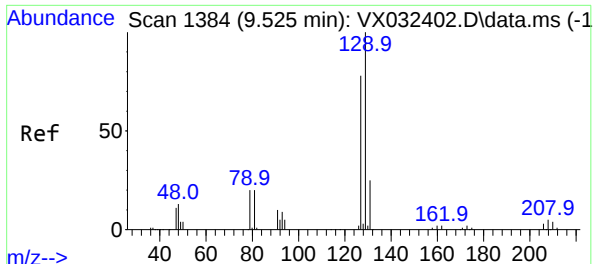
Tgt Ion: 92 Resp: 941

Ion Ratio Lower Upper

92 100

91 167.3 138.3 207.5

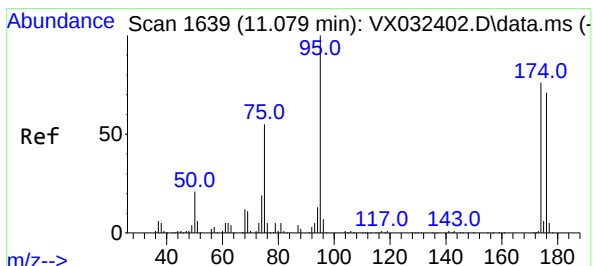
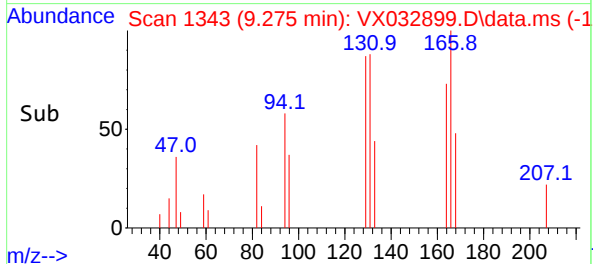
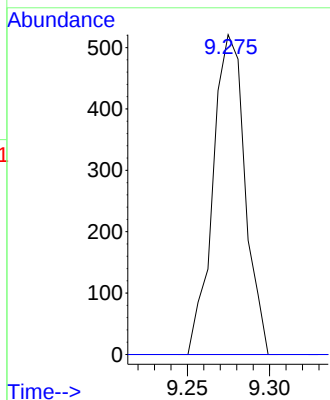
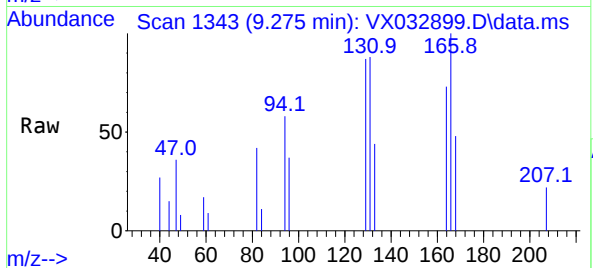




#60
Dibromochloromethane
Concen: 0.472 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

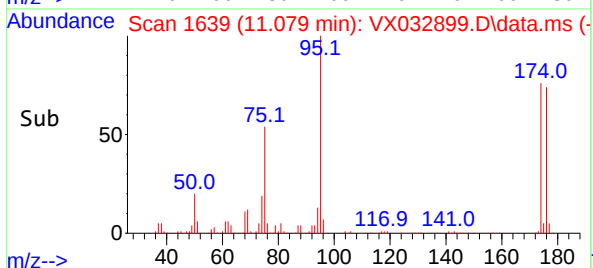
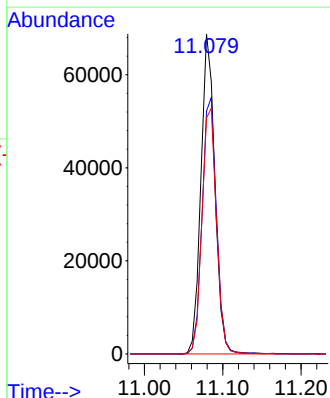
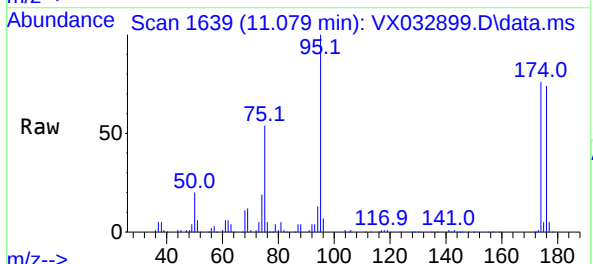
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

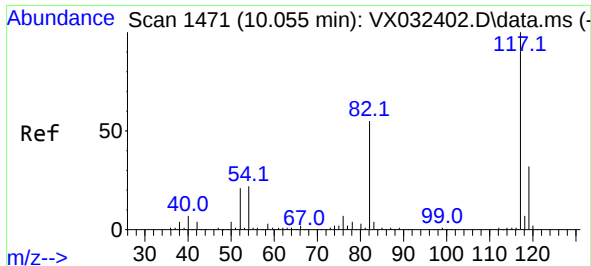
Tgt Ion:129 Resp: 710
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 49.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion: 95 Resp: 84925
Ion Ratio Lower Upper
95 100
174 82.9 0.0 164.0
176 79.9 0.0 154.4

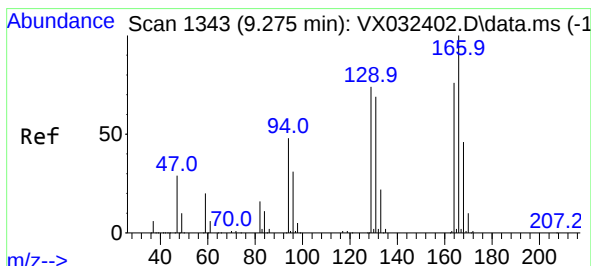
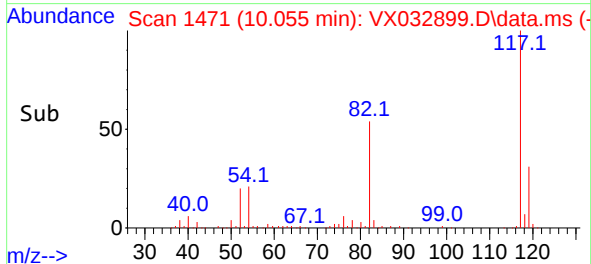
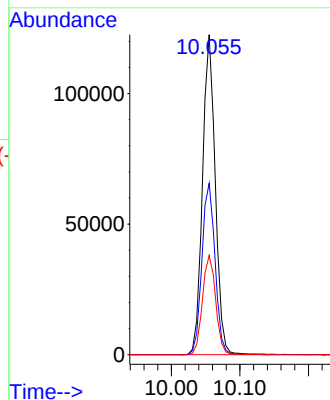
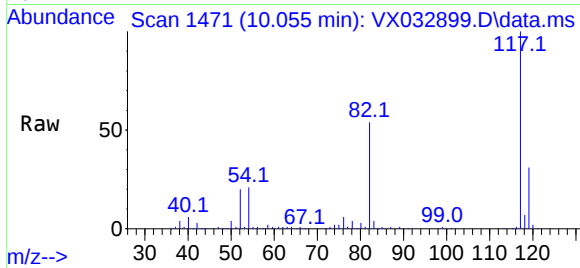




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

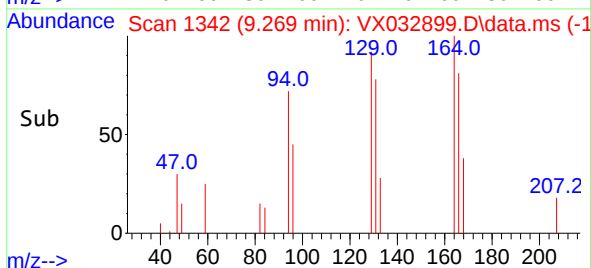
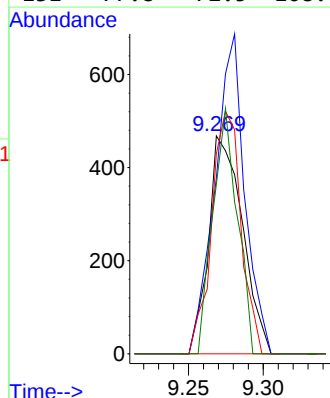
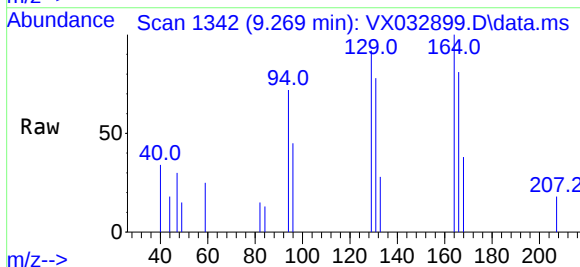
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

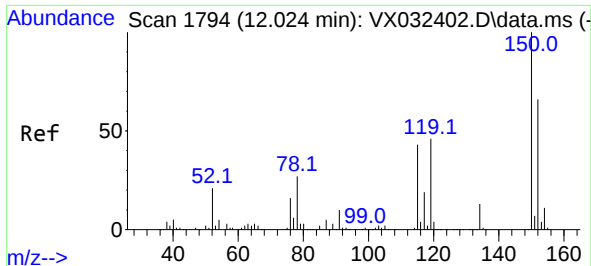
Tgt Ion:117 Resp: 159062
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 31.1 25.7 38.5



#64
Tetrachloroethene
Concen: 0.633 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

Tgt Ion:164 Resp: 737
Ion Ratio Lower Upper
164 100
166 80.6 105.4 158.2#
129 91.9 78.2 117.2
131 77.8 72.5 108.7

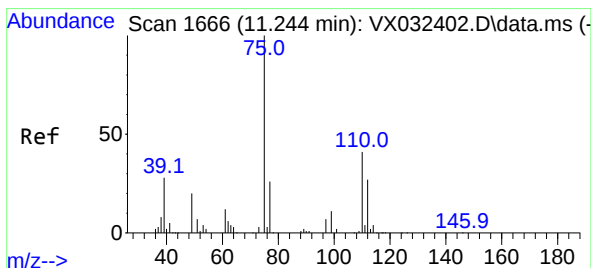
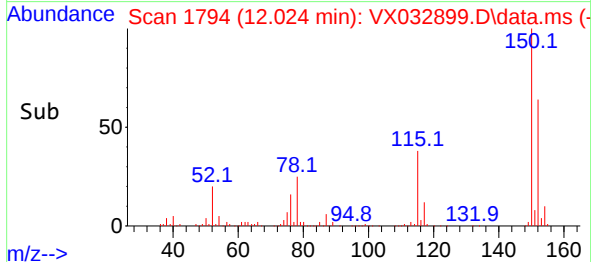
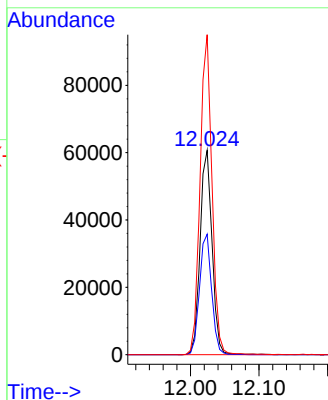
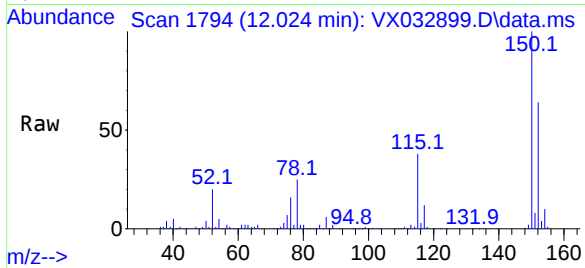




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

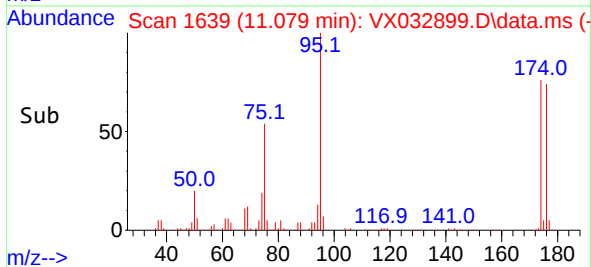
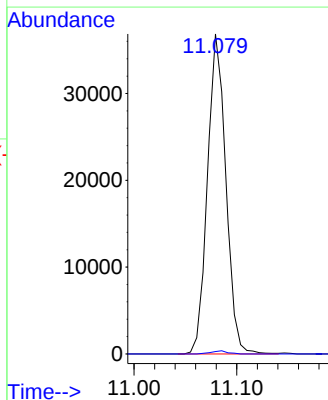
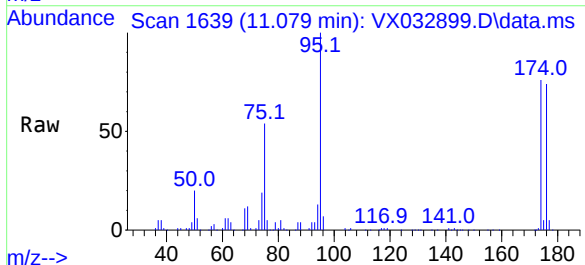
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20221115

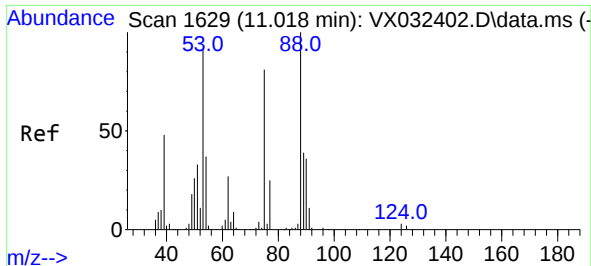
Tgt Ion:152 Resp: 73879
Ion Ratio Lower Upper
152 100
115 59.8 44.0 132.0
150 155.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.888 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032899.D
Acq: 17 Nov 2022 14:53

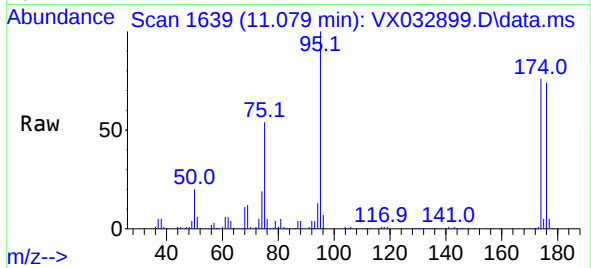
Tgt Ion: 75 Resp: 45838
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.741 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032899.D
 Acq: 17 Nov 2022 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20221115



Tgt Ion: 75 Resp: 45838
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

