

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029778.D
 Acq On : 24 Jun 2022 16:19
 Operator : JC/MD
 Sample : N3354-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-64

Quant Time: Jun 25 02:03:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

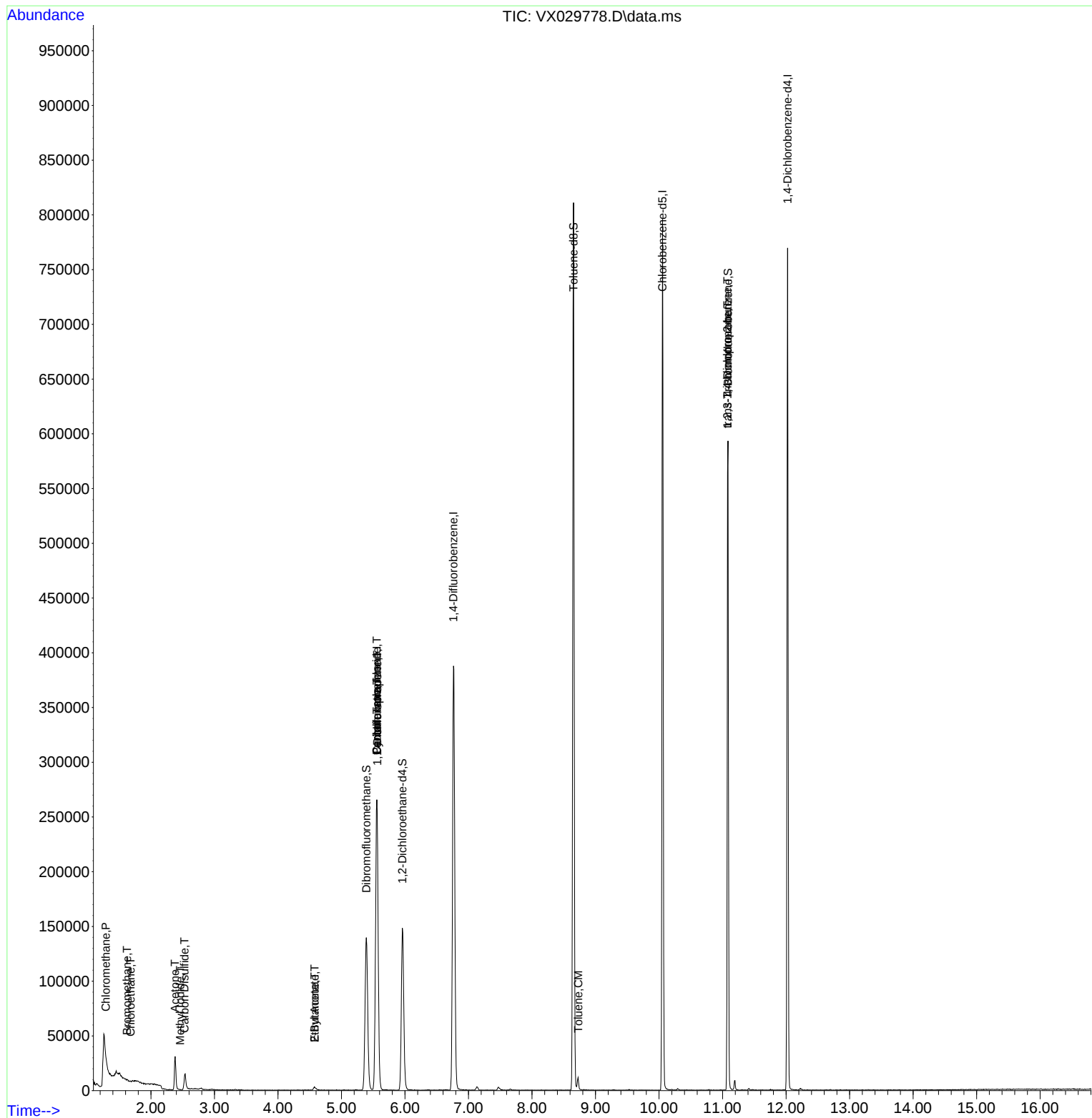
Internal Standards						
1) Pentafluorobenzene	5.556	168	260908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	424676	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137984	39.952	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	79.900%
35) Dibromofluoromethane	5.391	113	126643	45.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.520%
50) Toluene-d8	8.653	98	478585	47.336	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.680%
62) 4-Bromofluorobenzene	11.085	95	175357	45.992	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.980%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1191	0.350	ug/l #	77
5) Bromomethane	1.624	94	445	0.278	ug/l #	54
6) Chloroethane	1.679	64	639	1.546	ug/l #	43
10) Methyl Iodide	2.459	142	286	3.104	ug/l #	66
11) Tert butyl alcohol	2.953	59	286	Below Cal	#	72
16) Acetone	2.380	43	30807	22.379	ug/l	98
17) Carbon Disulfide	2.526	76	8898	1.298	ug/l	99
25) 2-Butanone	4.574	43	5391	2.478	ug/l	95
31) Cyclohexane	5.556	56	4490	0.968	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	19111	5.102	ug/l #	49
37) Ethyl Acetate	4.574	43	5391	1.404	ug/l #	65
38) Carbon Tetrachloride	5.556	117	26228	7.120	ug/l #	15
44) Trichloroethene	7.135	130	1425	Below Cal		93
52) Toluene	8.726	92	4102	0.577	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	81634	22.547	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	81634	75.008	ug/l #	15

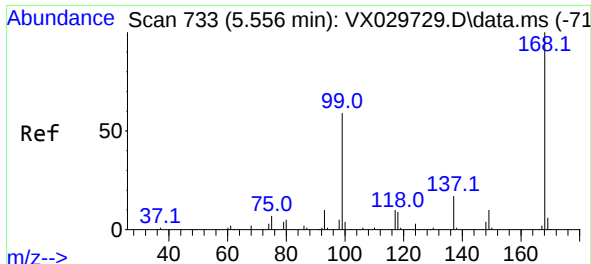
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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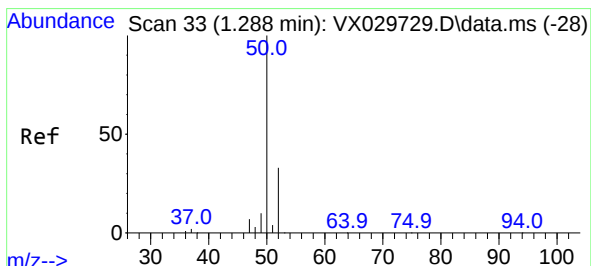
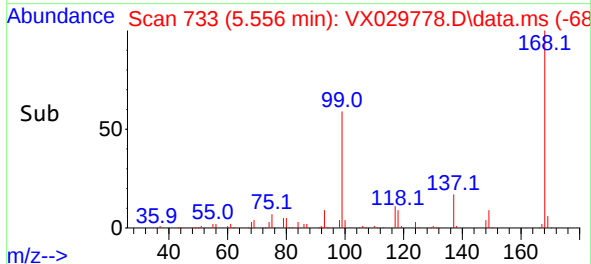
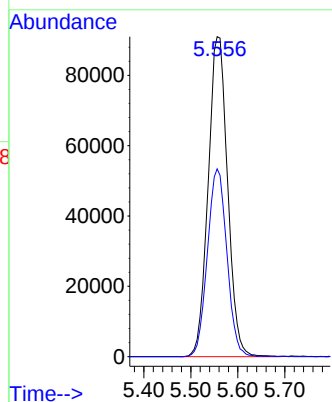
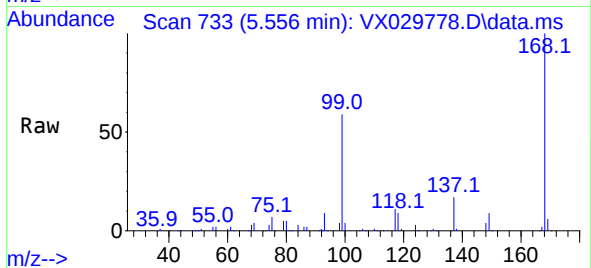




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

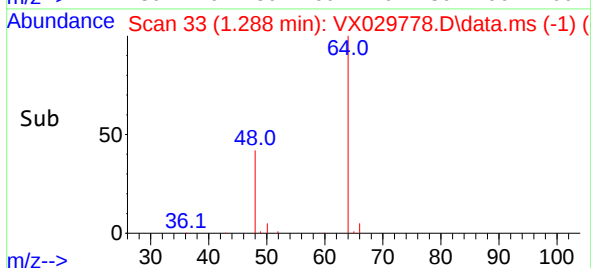
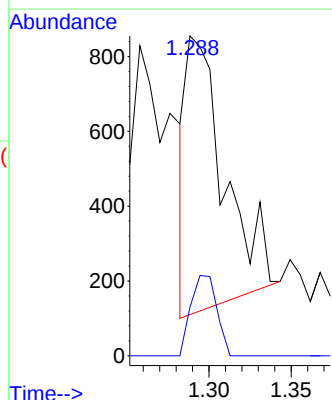
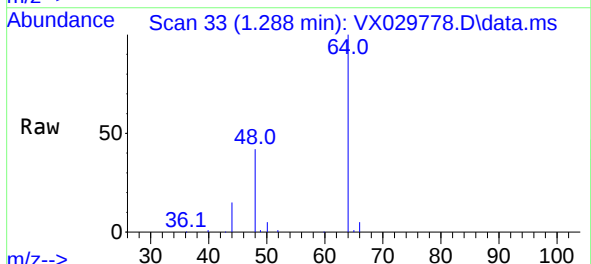
Instrument :
MSVOA_X
ClientSampleId :
MW-64

Tgt Ion:168 Resp: 260908
Ion Ratio Lower Upper
168 100
99 58.7 41.7 62.5

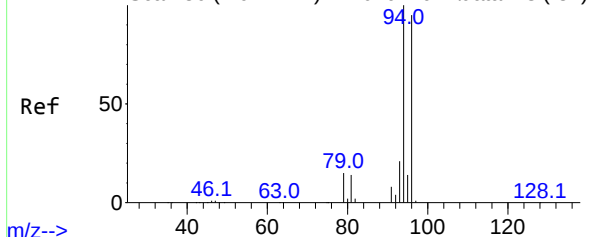


#3
Chloromethane
Concen: 0.350 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

Tgt Ion: 50 Resp: 1191
Ion Ratio Lower Upper
50 100
52 19.8 26.4 39.6#



Abundance Scan 86 (1.612 min): VX029729.D\data.ms (-81)



#5

Bromomethane

Concen: 0.278 ug/l

RT: 1.624 min Scan# 81

Delta R.T. 0.013 min

Lab File: VX029778.D

Acq: 24 Jun 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

MW-64

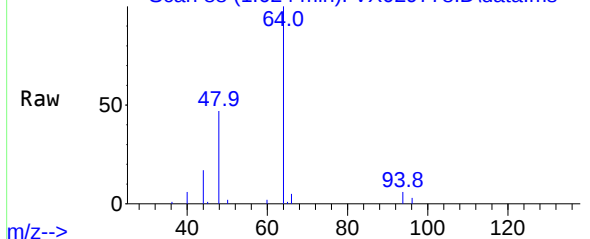
Tgt Ion: 94 Resp: 445

Ion Ratio Lower Upper

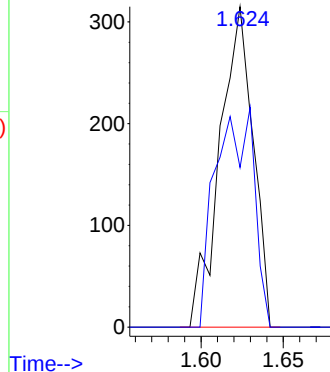
94 100

96 49.8 75.3 112.9#

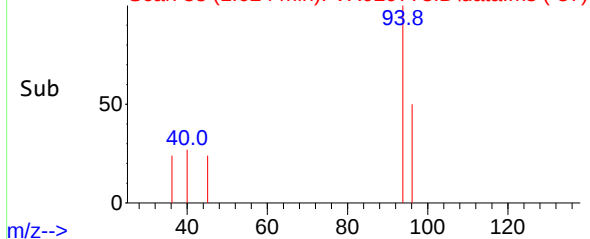
Abundance Scan 88 (1.624 min): VX029778.D\data.ms



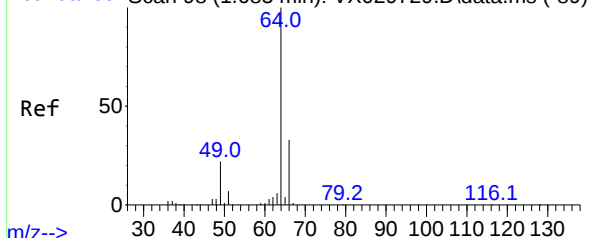
Abundance



Abundance Scan 88 (1.624 min): VX029778.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX029729.D\data.ms (-89)



#6

Chloroethane

Concen: 1.546 ug/l

RT: 1.679 min Scan# 97

Delta R.T. -0.006 min

Lab File: VX029778.D

Acq: 24 Jun 2022 16:19

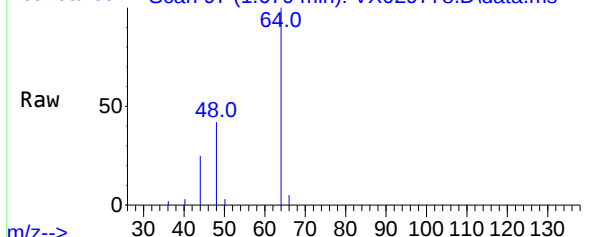
Tgt Ion: 64 Resp: 639

Ion Ratio Lower Upper

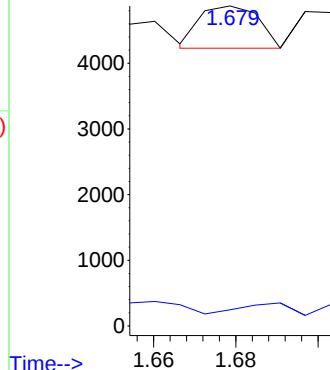
64 100

66 0.0 25.3 37.9#

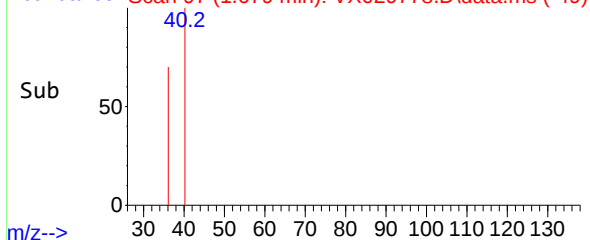
Abundance Scan 97 (1.679 min): VX029778.D\data.ms

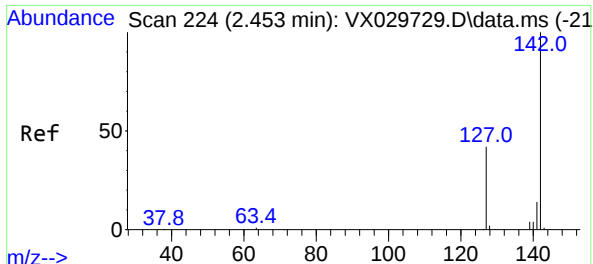


Abundance



Abundance Scan 97 (1.679 min): VX029778.D\data.ms (-49)

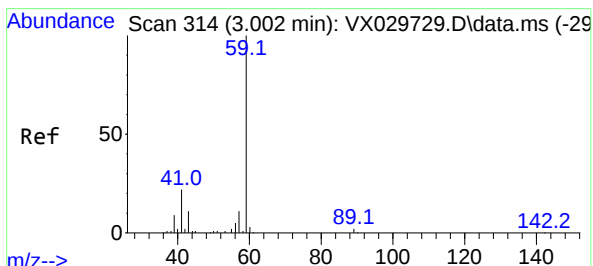
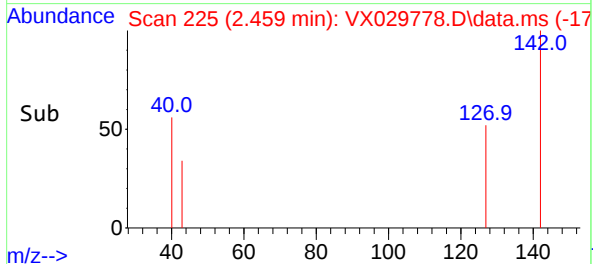
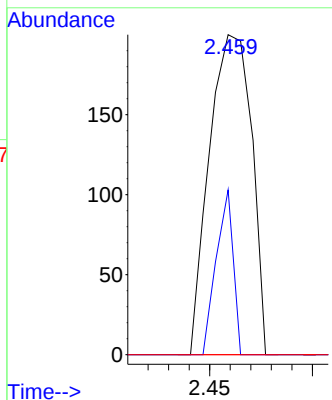
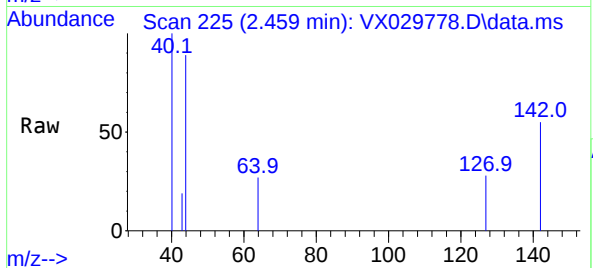




#10
Methyl Iodide
Concen: 3.104 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

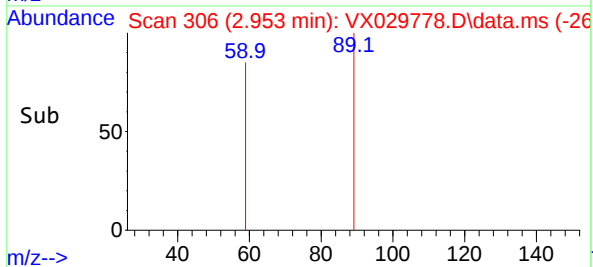
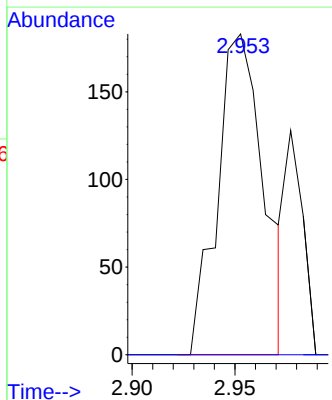
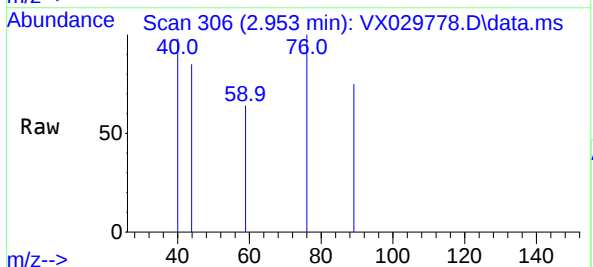
Instrument :
MSVOA_X
ClientSampleId :
MW-64

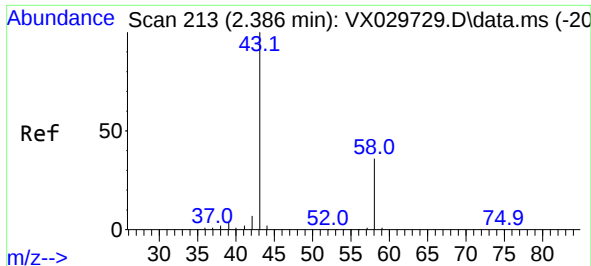
Tgt Ion:142 Resp: 286
Ion Ratio Lower Upper
142 100
127 20.6 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

Tgt Ion: 59 Resp: 286
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

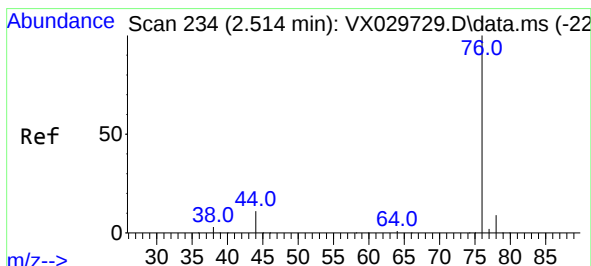
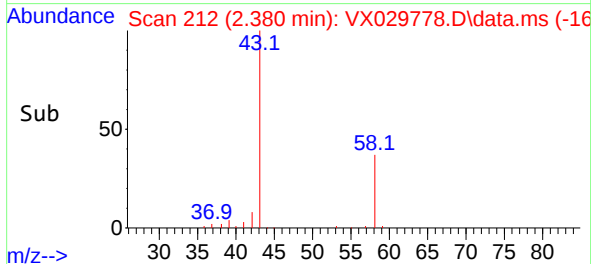
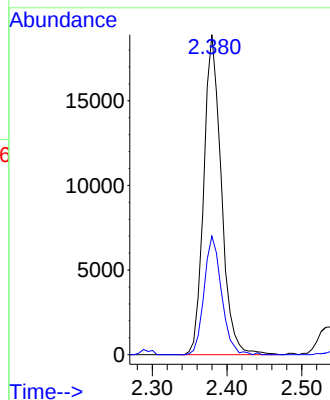
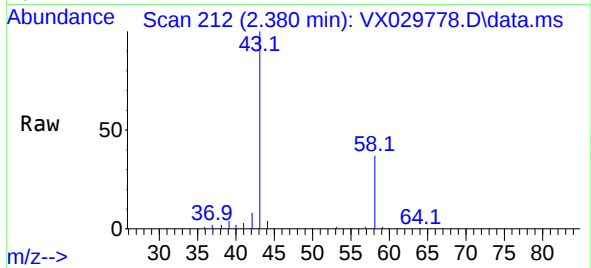




#16
Acetone
Concen: 22.379 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

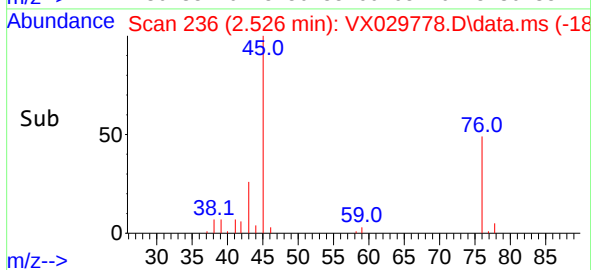
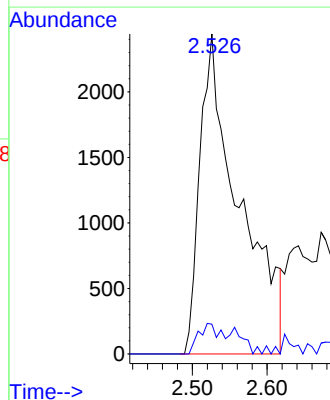
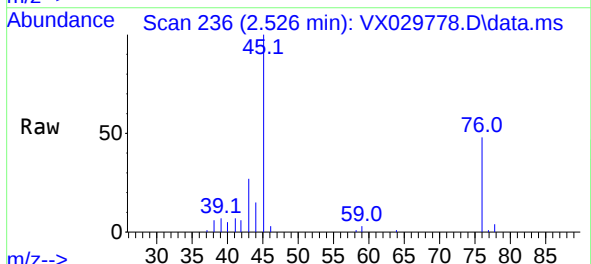
Instrument :
MSVOA_X
ClientSampleId :
MW-64

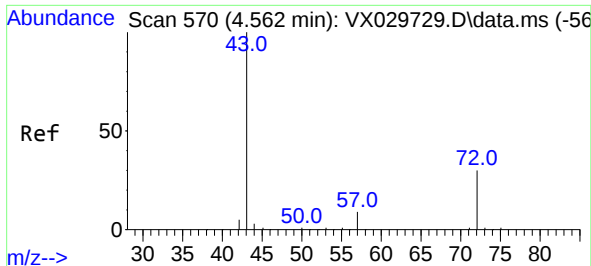
Tgt Ion: 43 Resp: 30807
Ion Ratio Lower Upper
43 100
58 37.1 28.8 43.2



#17
Carbon Disulfide
Concen: 1.298 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.012 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

Tgt Ion: 76 Resp: 8898
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

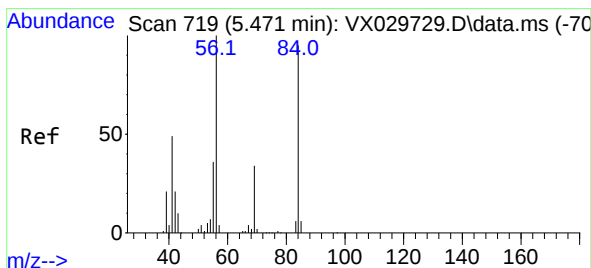
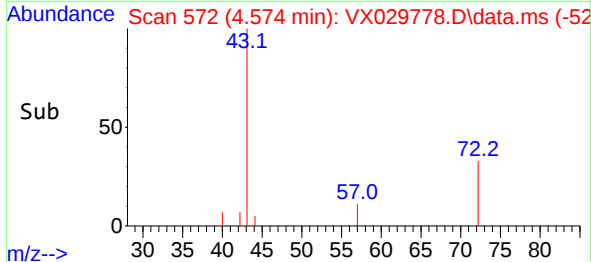
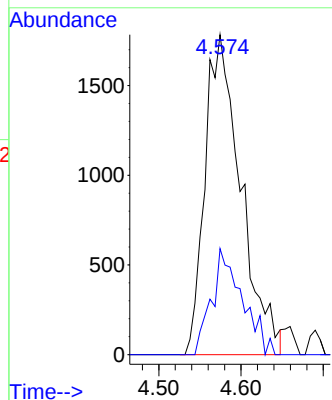
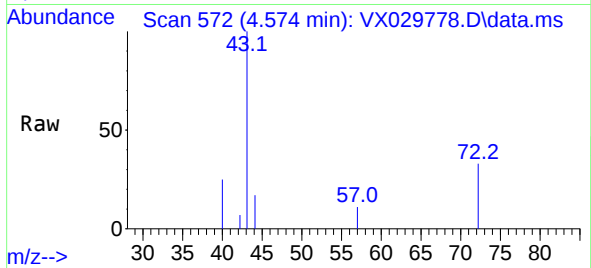




#25
2-Butanone
Concen: 2.478 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

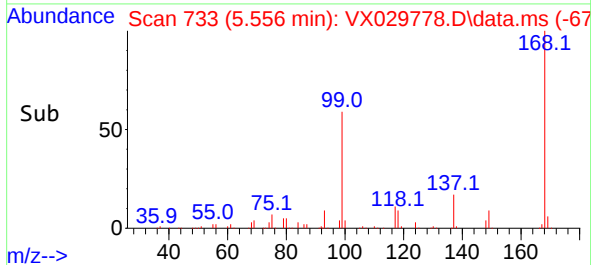
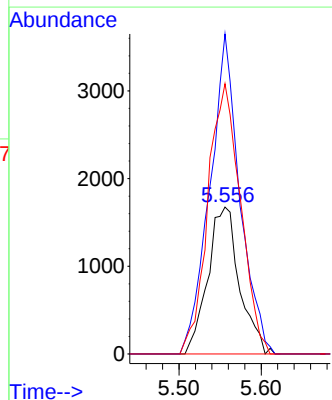
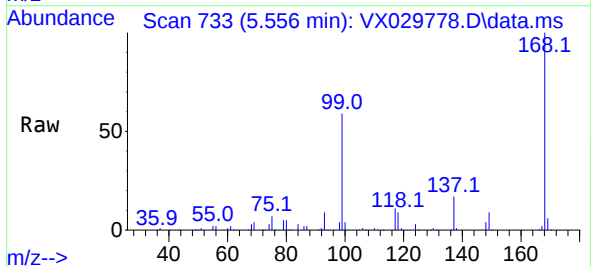
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ClientSampleId :
MW-64

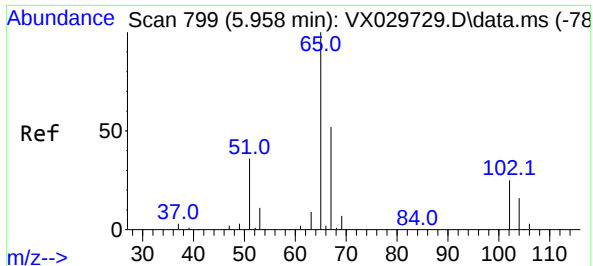
Tgt Ion: 43 Resp: 5391
Ion Ratio Lower Upper
43 100
72 33.1 24.4 36.6



#31
Cyclohexane
Concen: 0.968 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

Tgt Ion: 56 Resp: 4490
Ion Ratio Lower Upper
56 100
69 217.9 26.7 40.1#
84 184.0 77.2 115.8#

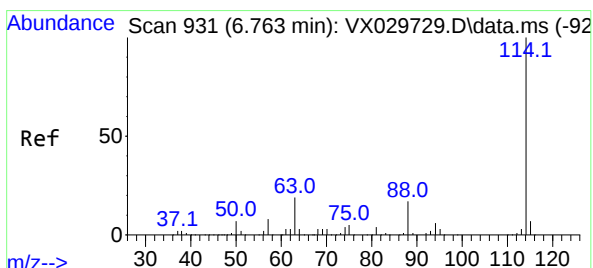
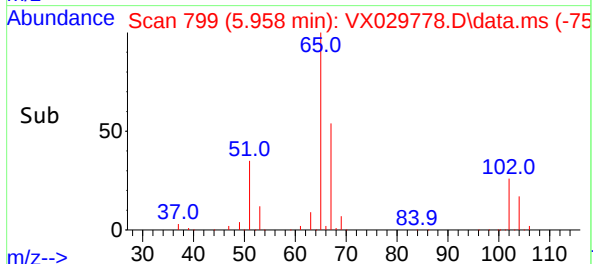
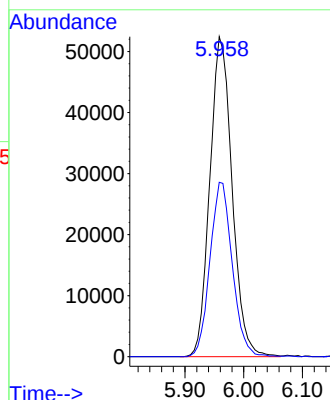
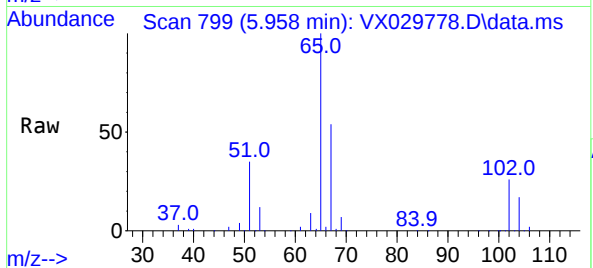




#33
 1,2-Dichloroethane-d4
 Concen: 39.952 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029778.D
 Acq: 24 Jun 2022 16:19

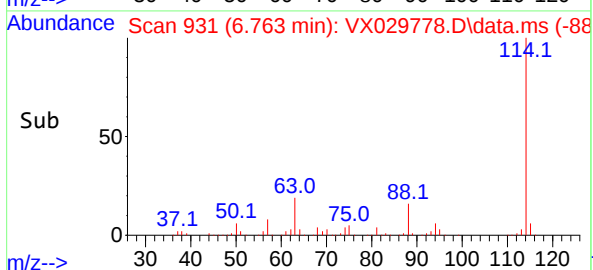
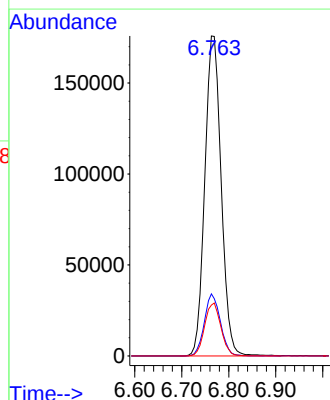
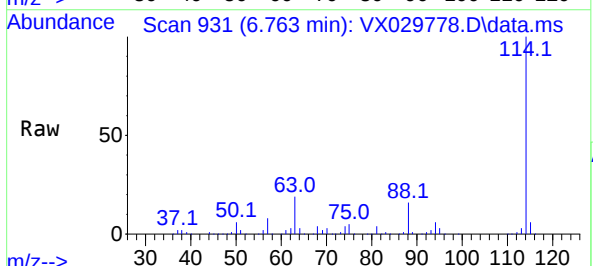
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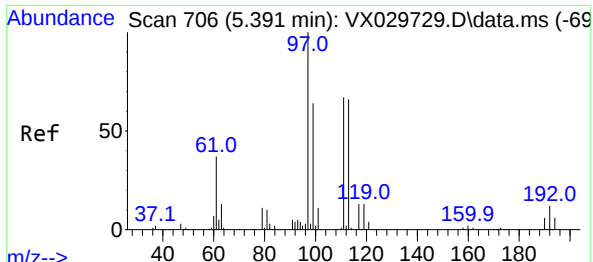
Tgt Ion: 65 Resp: 137984
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX029778.D
 Acq: 24 Jun 2022 16:19

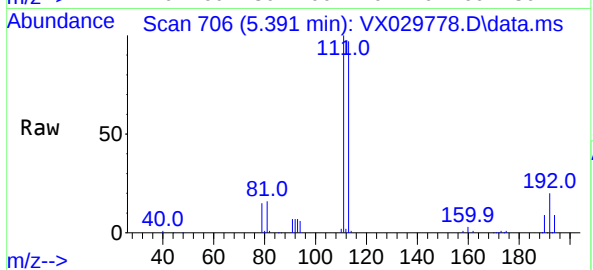
Tgt Ion: 114 Resp: 424676
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 36.8
 88 15.9 0.0 32.4



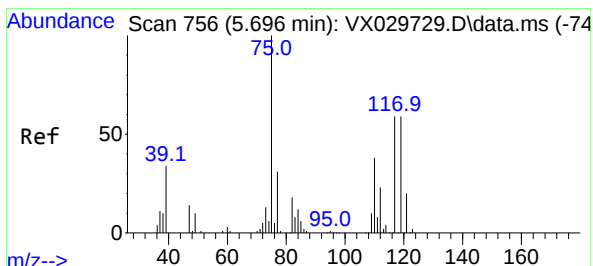
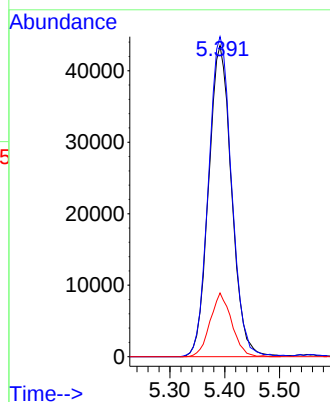
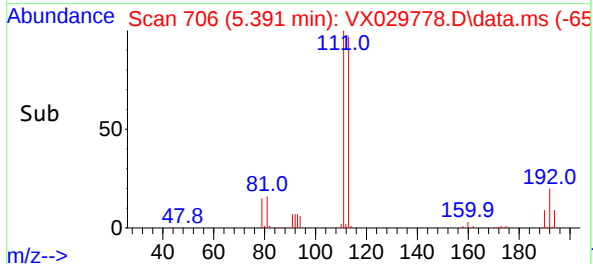


#35
Dibromofluoromethane
Concen: 45.760 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

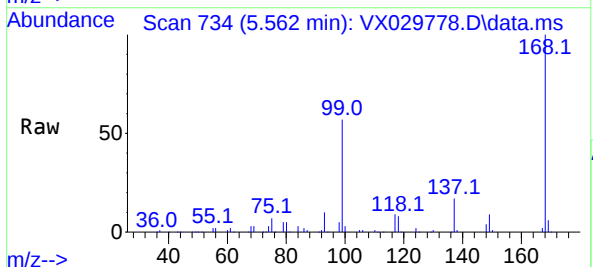
Instrument :
MSVOA_X
ClientSampleId :
MW-64



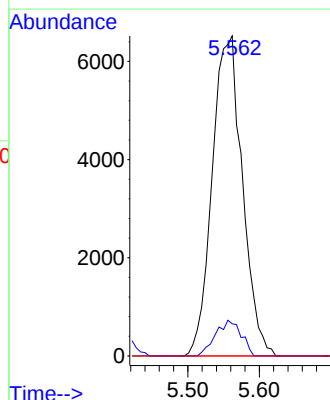
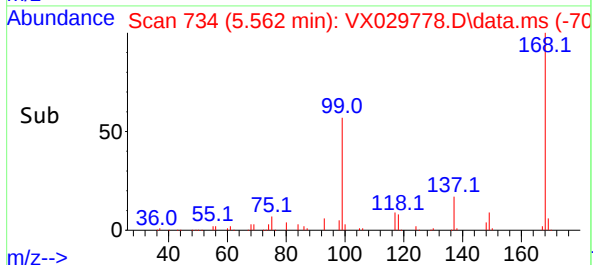
Tgt Ion:113 Resp: 126643
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 19.2 16.9 25.3

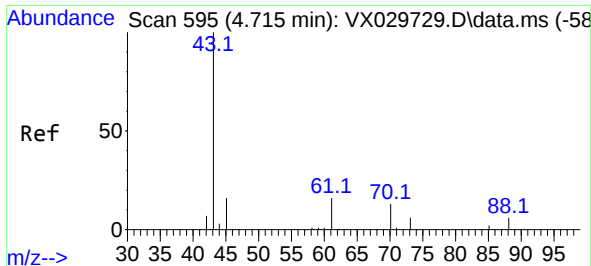


#36
1,1-Dichloropropene
Concen: 5.102 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19



Tgt Ion: 75 Resp: 19111
Ion Ratio Lower Upper
75 100
110 9.5 18.3 54.8#
77 0.0 24.8 37.2#

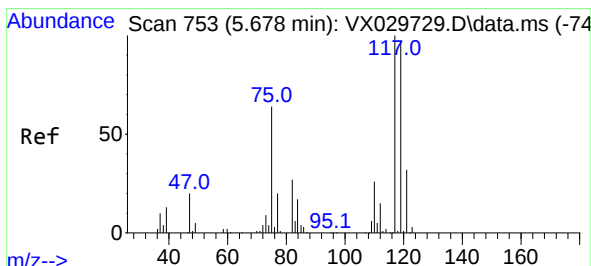
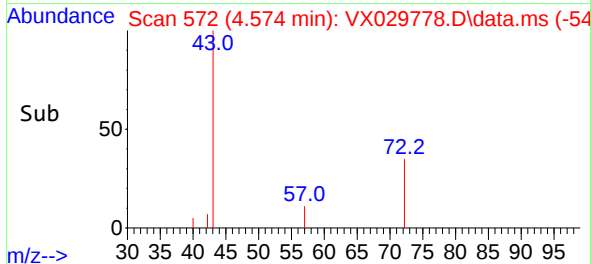
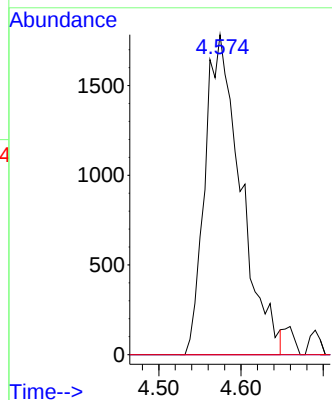
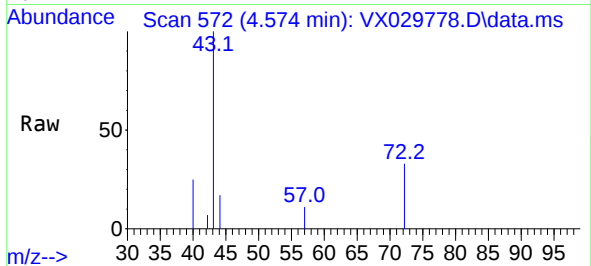




#37
Ethyl Acetate
Concen: 1.404 ug/l
RT: 4.574 min Scan# 51
Delta R.T. -0.147 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

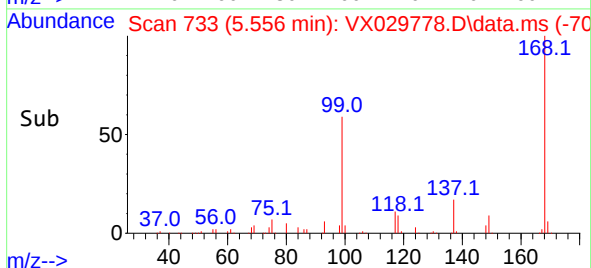
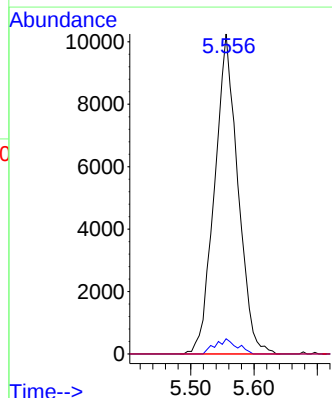
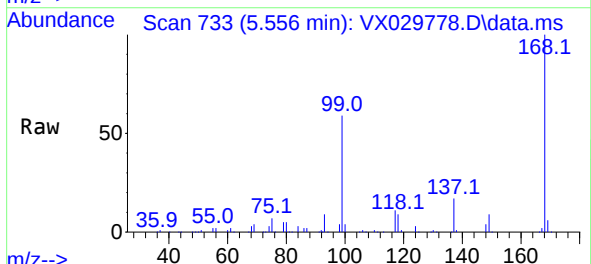
Instrument :
MSVOA_X
ClientSampleId :
MW-64

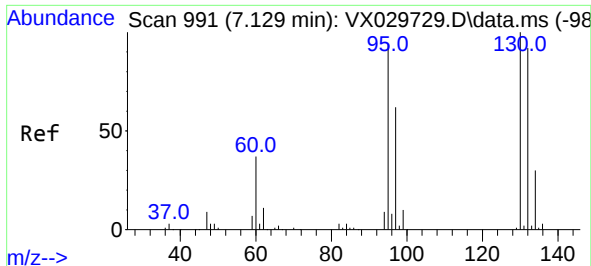
Tgt Ion: 43 Resp: 5391
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.2#



#38
Carbon Tetrachloride
Concen: 7.120 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

Tgt Ion: 117 Resp: 26228
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#

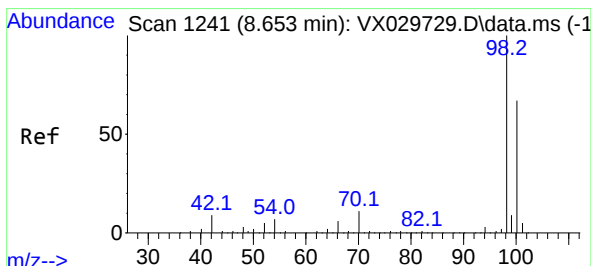
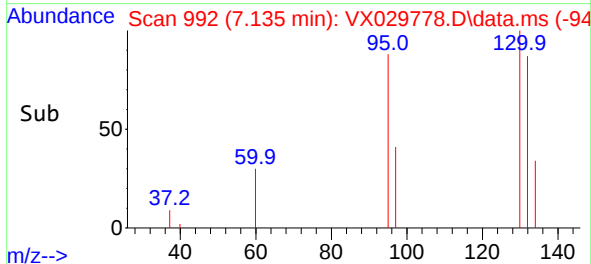
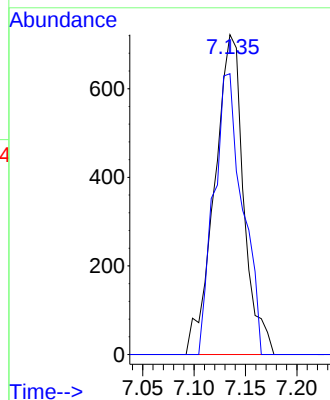
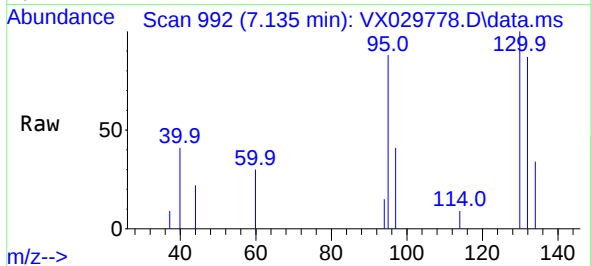




#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

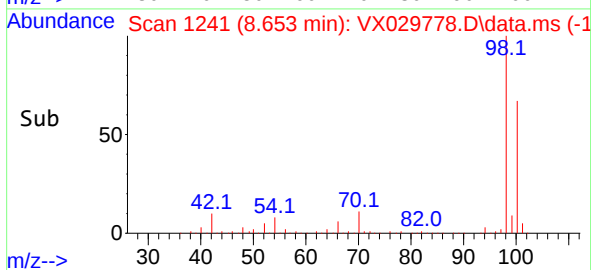
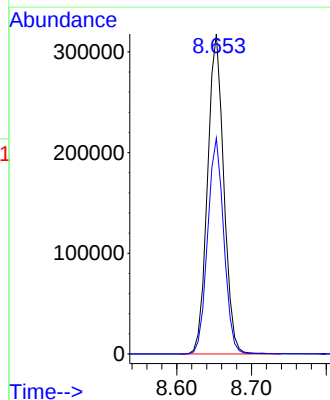
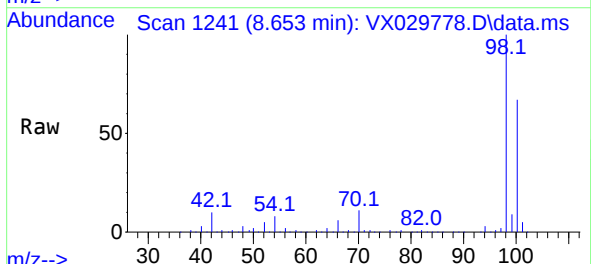
Instrument :
MSVOA_X
ClientSampleId :
MW-64

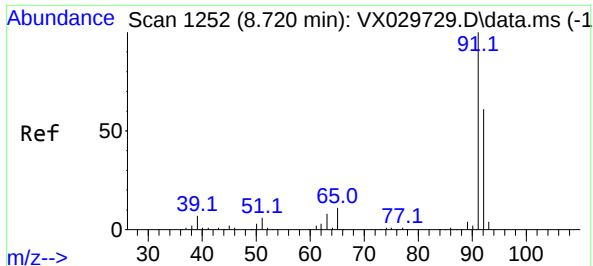
Tgt Ion:130 Resp: 1425
Ion Ratio Lower Upper
130 100
95 87.8 0.0 188.8



#50
Toluene-d8
Concen: 47.336 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

Tgt Ion: 98 Resp: 478585
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8





#52

Toluene

Concen: 0.577 ug/l

RT: 8.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029778.D

Acq: 24 Jun 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

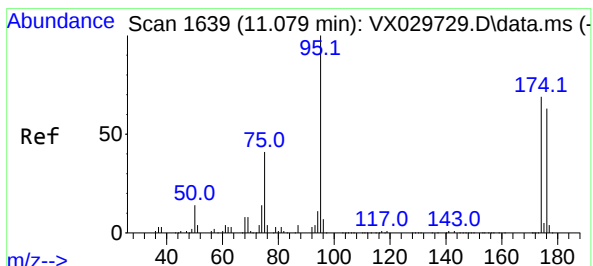
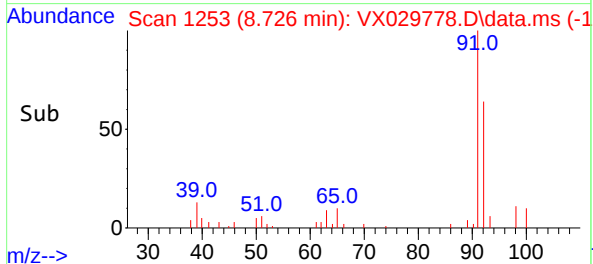
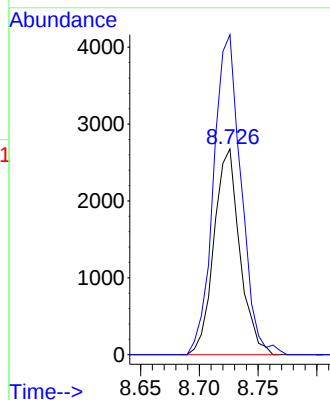
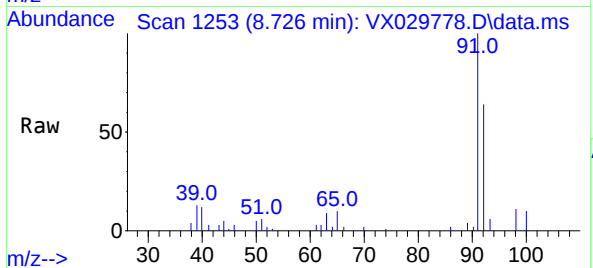
MW-64

Tgt Ion: 92 Resp: 4102

Ion Ratio Lower Upper

92 100

91 165.7 137.5 206.3



#62

4-Bromofluorobenzene

Concen: 45.992 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX029778.D

Acq: 24 Jun 2022 16:19

Tgt Ion: 95 Resp: 175357

Ion Ratio Lower Upper

95 100

174 74.0

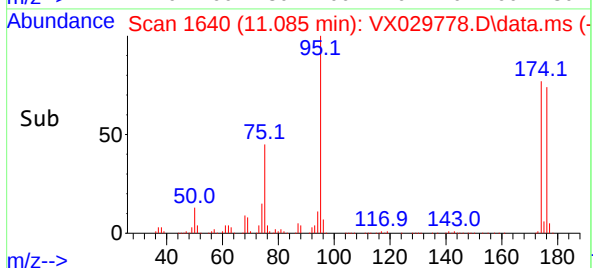
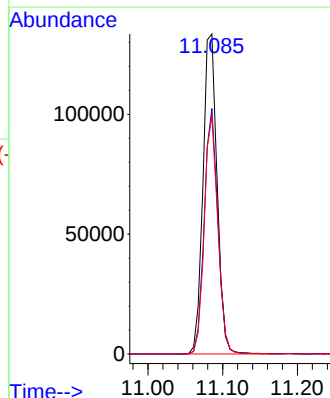
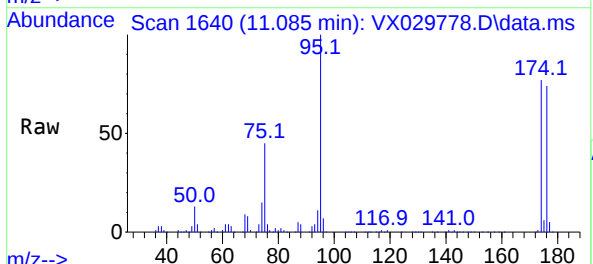
0.0

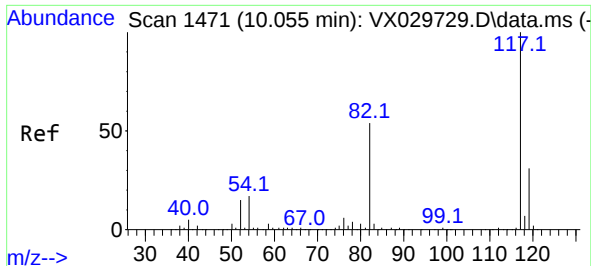
163.0

176 71.0

0.0

155.0

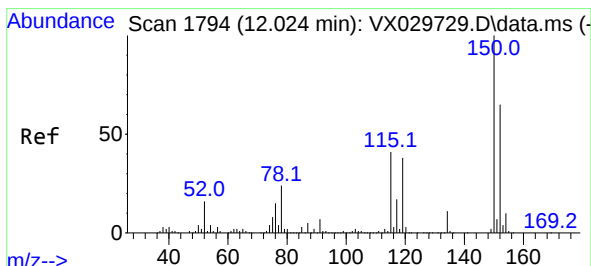
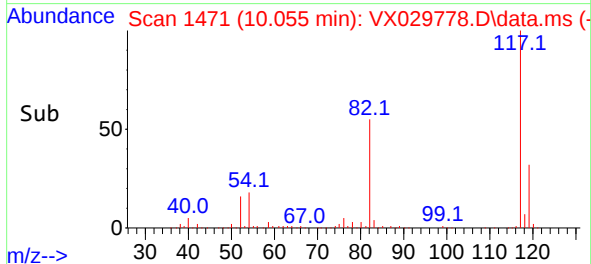
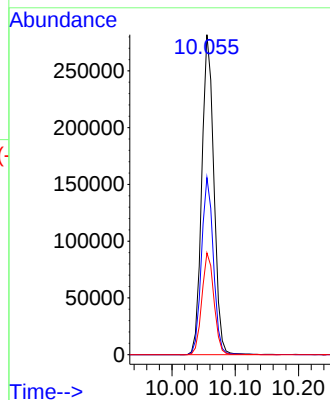
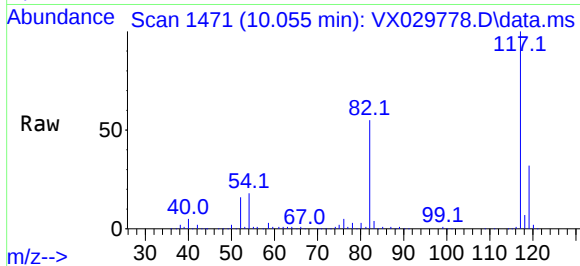




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

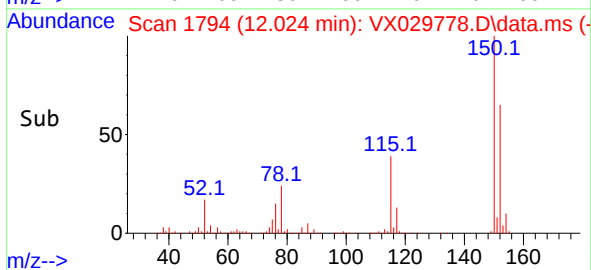
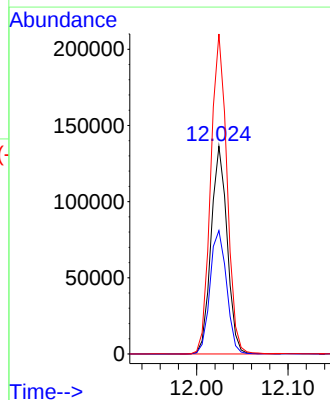
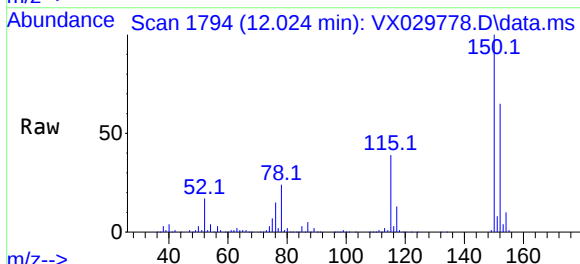
Instrument :
MSVOA_X
ClientSampleId :
MW-64

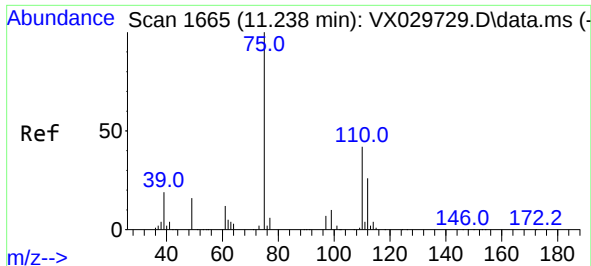
Tgt Ion:117 Resp: 374660
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

Tgt Ion:152 Resp: 166199
Ion Ratio Lower Upper
152 100
115 61.3 37.5 112.7
150 155.5 0.0 338.2

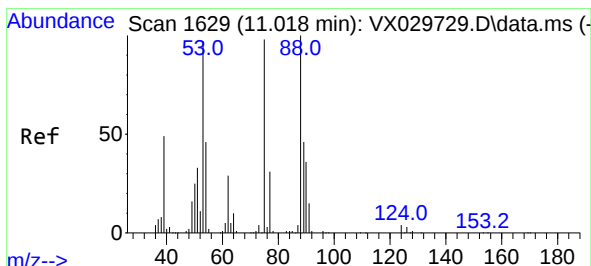
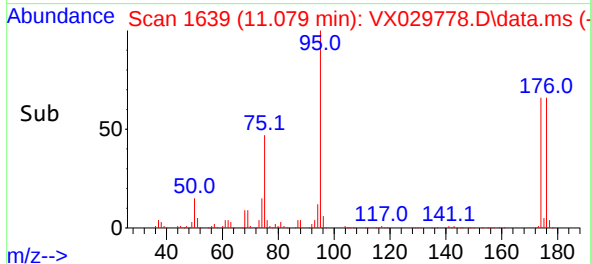
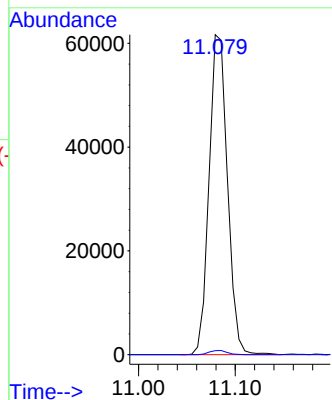
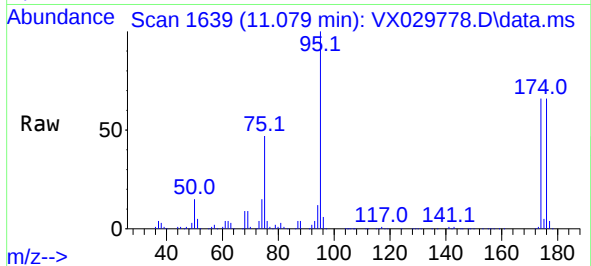




#76
1,2,3-Trichloropropane
Concen: 22.547 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

Instrument :
MSVOA_X
ClientSampleId :
MW-64

Tgt Ion: 75 Resp: 81634
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.008 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029778.D
Acq: 24 Jun 2022 16:19

Tgt Ion: 75 Resp: 81634
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

