

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029770.D
 Acq On : 24 Jun 2022 13:12
 Operator : JC/MD
 Sample : N3366-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22D

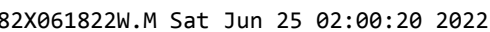
Quant Time: Jun 25 02:00:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

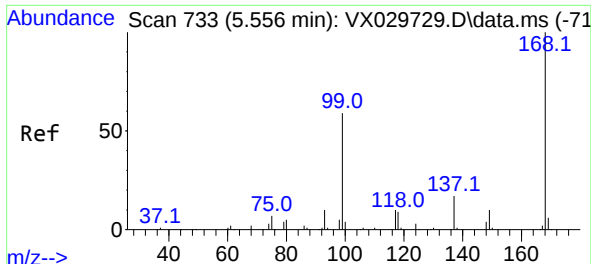
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	257311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	437087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139748	41.029	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.060%
35) Dibromofluoromethane	5.385	113	124395	43.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.340%
50) Toluene-d8	8.653	98	480581	46.184	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.360%
62) 4-Bromofluorobenzene	11.085	95	176940	45.090	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.180%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	925	0.276	ug/l	92
5) Bromomethane	1.624	94	696	0.441	ug/l #	80
6) Chloroethane	1.666	64	139	1.349	ug/l #	43
10) Methyl Iodide	2.465	142	799	3.261	ug/l #	93
11) Tert butyl alcohol	2.965	59	1696	Below Cal	#	72
15) Acrylonitrile	3.111	53	2857	1.793	ug/l #	30
16) Acetone	2.380	43	1005	0.740	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	325032	35.915	ug/l	99
22) Diisopropyl ether	3.770	45	2253	0.271	ug/l #	81
31) Cyclohexane	5.550	56	4601	1.006	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18908	4.905	ug/l #	49
38) Carbon Tetrachloride	5.556	117	25951	6.845	ug/l #	16
44) Trichloroethene	7.141	130	1325	Below Cal		84
76) 1,2,3-Trichloropropane	11.079	75	83575	22.579	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	83575	75.116	ug/l #	15

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

Quant Time: Jun 25 02:00:10 2022
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Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

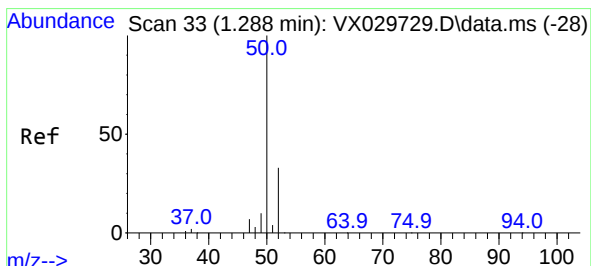
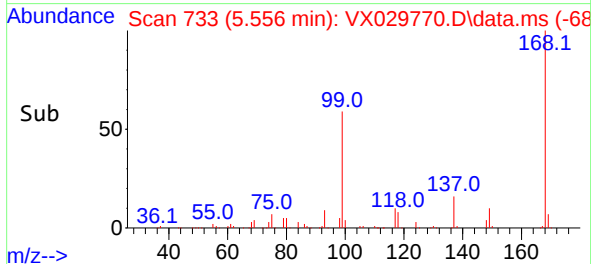
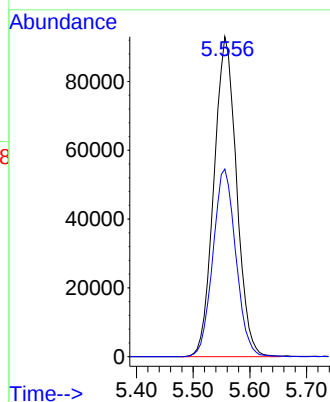
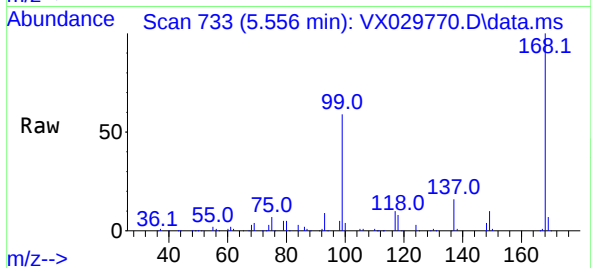




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

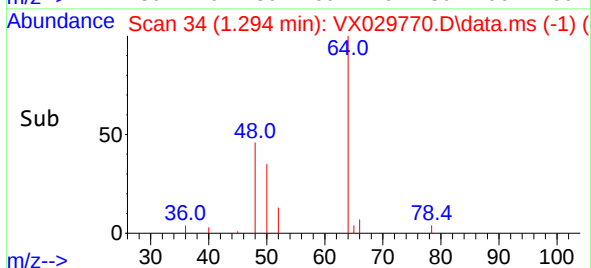
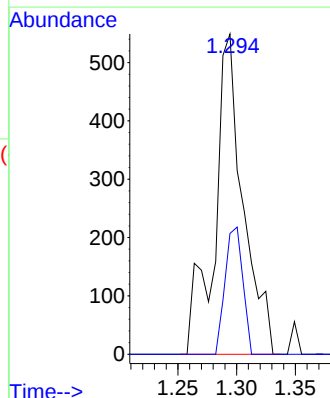
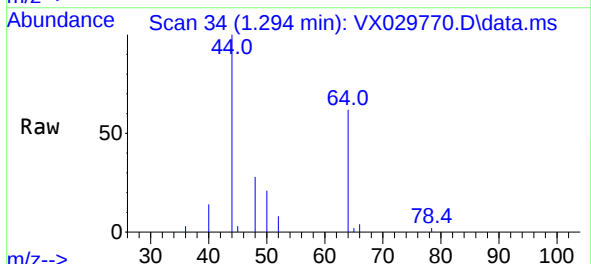
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

Tgt Ion:168 Resp: 257311
Ion Ratio Lower Upper
168 100
99 58.7 41.7 62.5

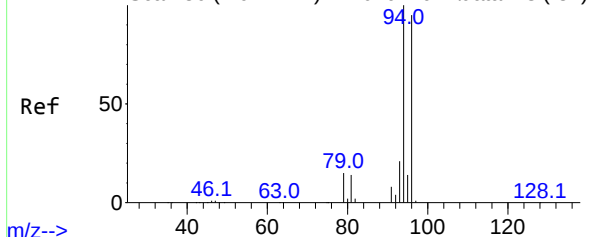


#3
Chloromethane
Concen: 0.276 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

Tgt Ion: 50 Resp: 925
Ion Ratio Lower Upper
50 100
52 37.7 26.4 39.6



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

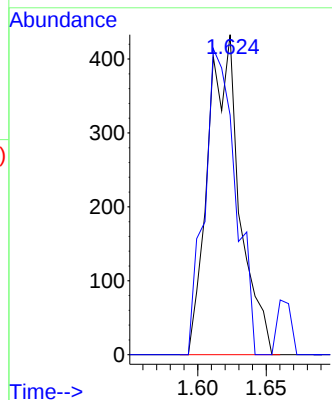
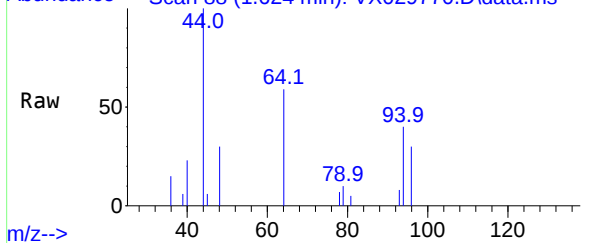


#5
Bromomethane
Concen: 0.441 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

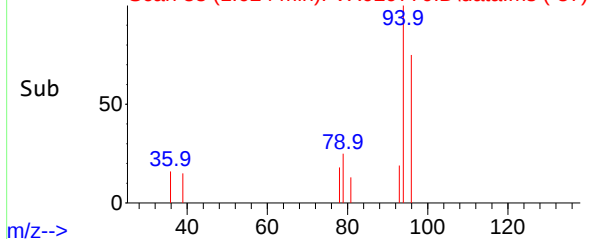
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

Tgt Ion: 94 Resp: 696
Ion Ratio Lower Upper
94 100
96 74.8 75.3 112.9#

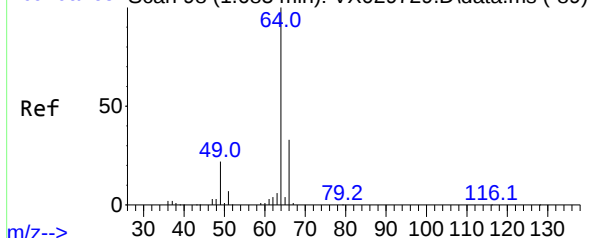
Abundance Scan 88 (1.624 min): VX029770.D\data.ms



Abundance Scan 88 (1.624 min): VX029770.D\data.ms (-37)



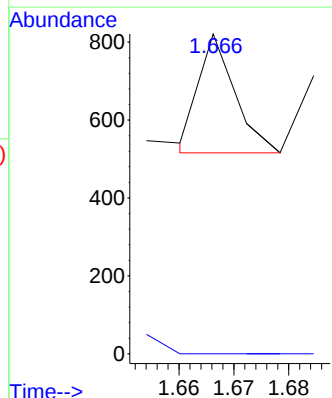
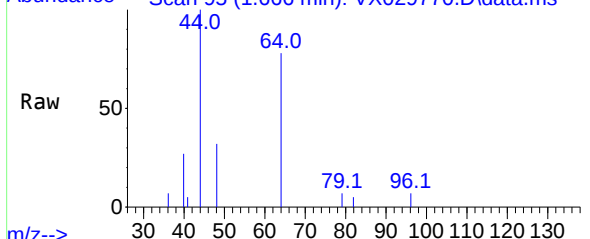
Abundance Scan 98 (1.685 min): VX029729.D\data.ms (-89)



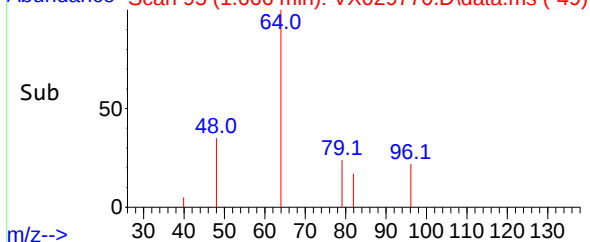
#6
Chloroethane
Concen: 1.349 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

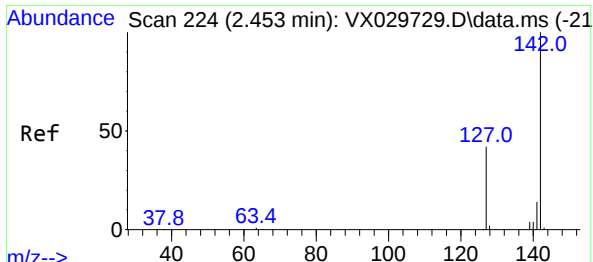
Tgt Ion: 64 Resp: 139
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

Abundance Scan 95 (1.666 min): VX029770.D\data.ms



Abundance Scan 95 (1.666 min): VX029770.D\data.ms (-49)

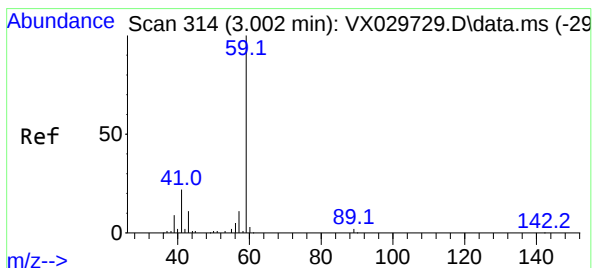
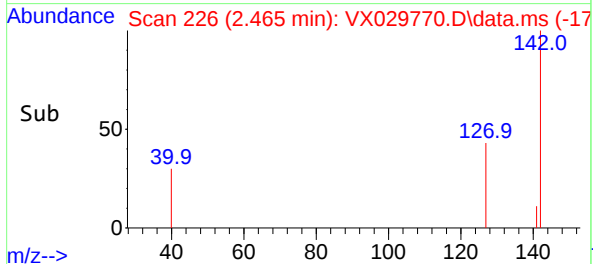
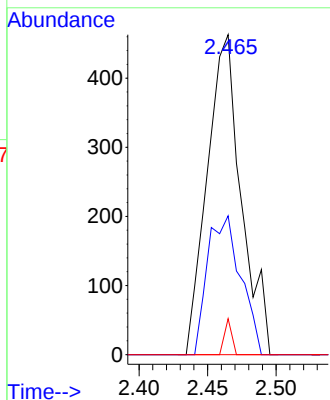
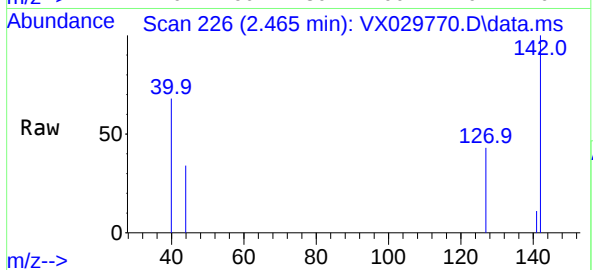




#10
Methyl Iodide
Concen: 3.261 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

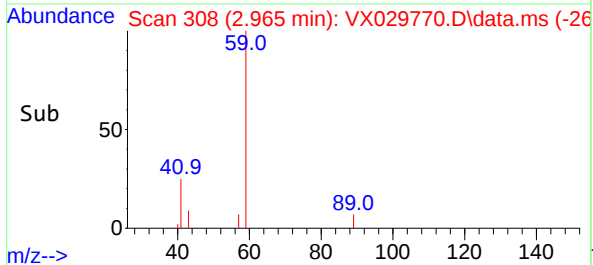
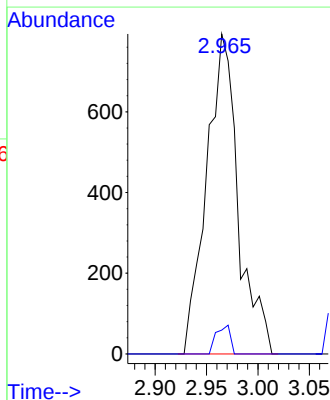
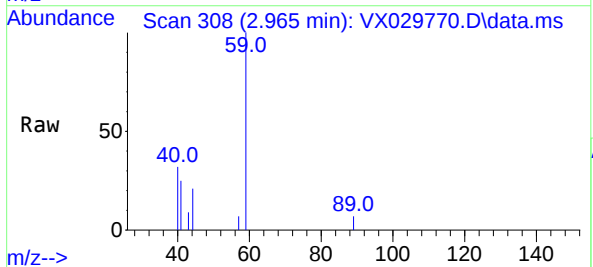
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

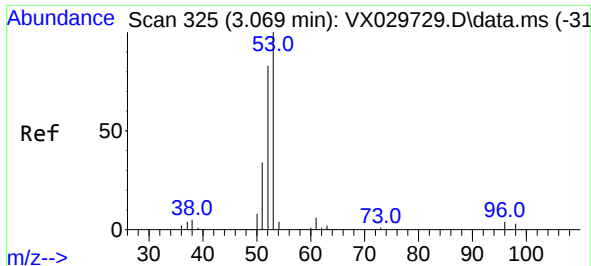
Tgt Ion:142 Resp: 799
Ion Ratio Lower Upper
142 100
127 42.3 33.9 50.9
141 2.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

Tgt Ion: 59 Resp: 1696
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

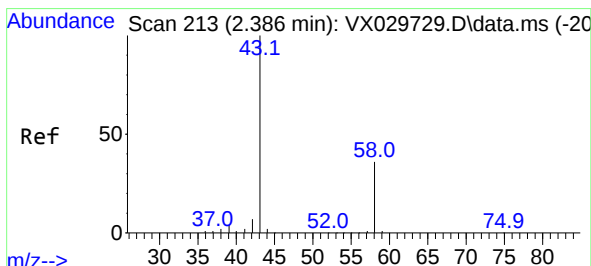
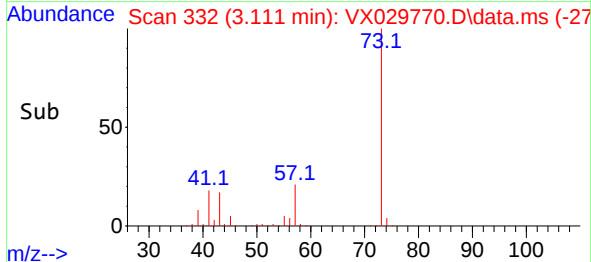
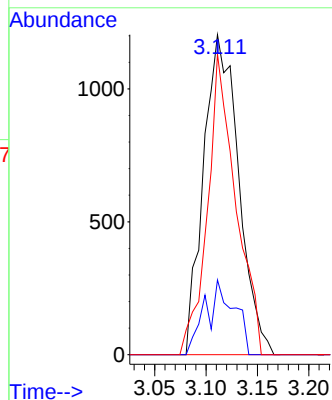
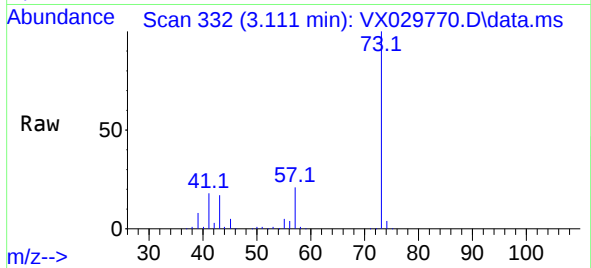




#15
Acrylonitrile
Concen: 1.793 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.043 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

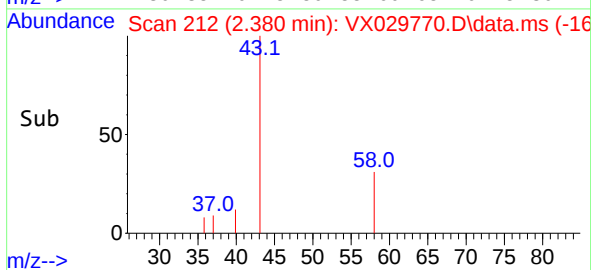
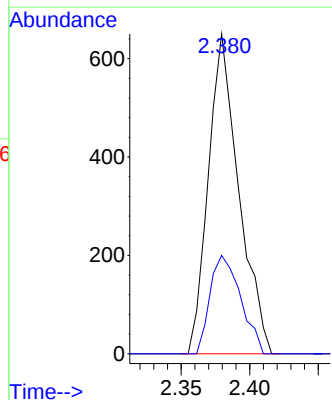
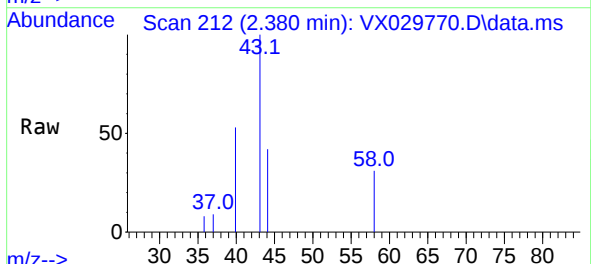
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

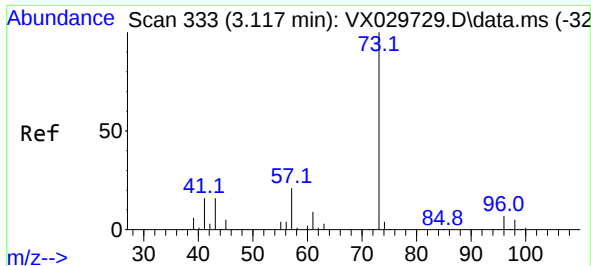
Tgt Ion: 53 Resp: 2857
Ion Ratio Lower Upper
53 100
52 19.1 65.7 98.5#
51 75.8 28.4 42.6#



#16
Acetone
Concen: 0.740 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 30.8 28.8 43.2

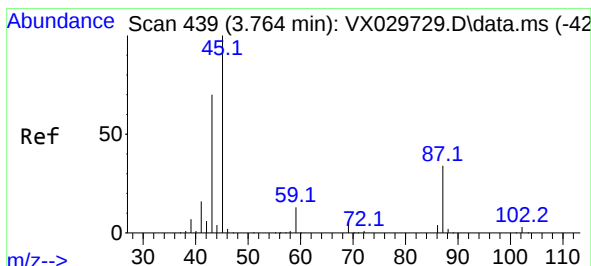
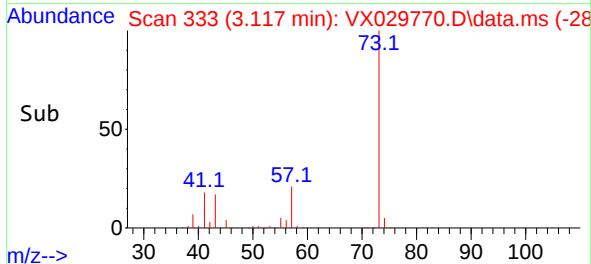
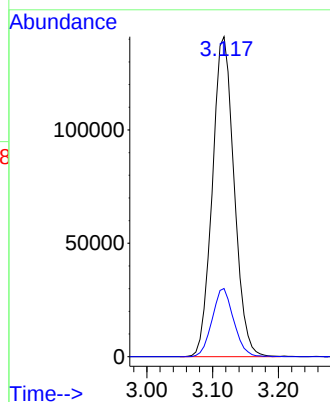
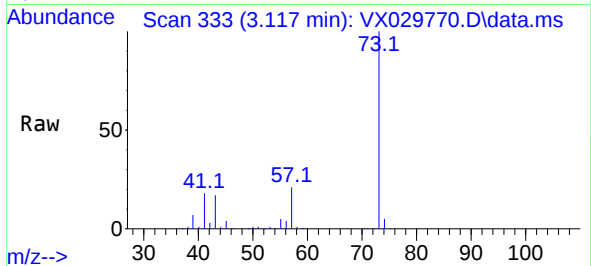




#19
Methyl tert-butyl Ether
Concen: 35.915 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

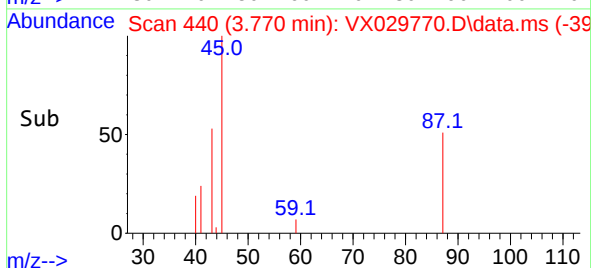
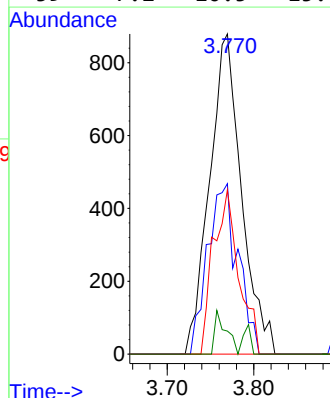
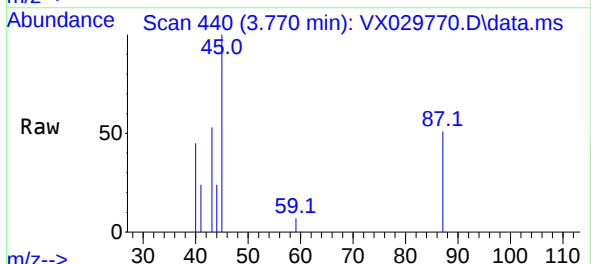
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

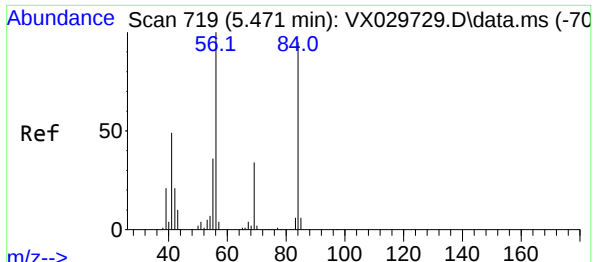
Tgt Ion: 73 Resp: 325032
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2



#22
Diisopropyl ether
Concen: 0.271 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

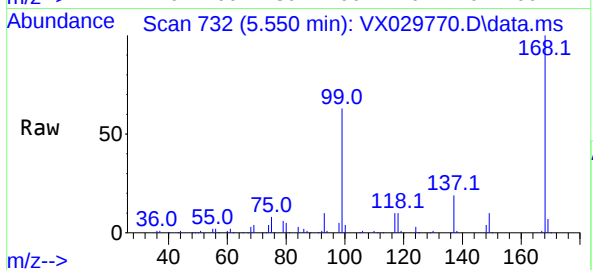
Tgt Ion: 45 Resp: 2253
Ion Ratio Lower Upper
45 100
43 53.2 50.8 76.2
87 51.3 26.6 39.8#
59 7.2 10.5 15.7#



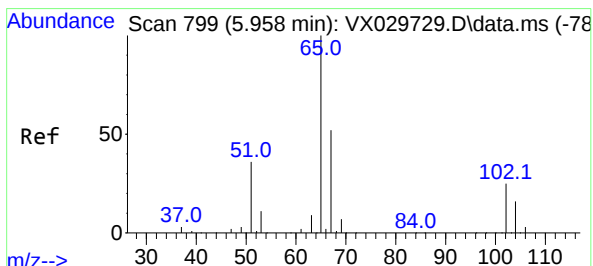
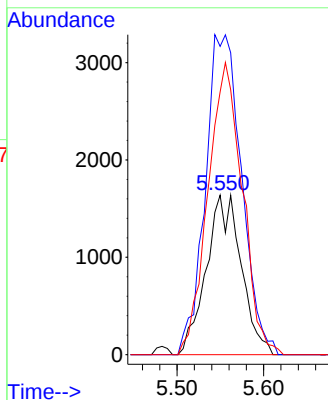
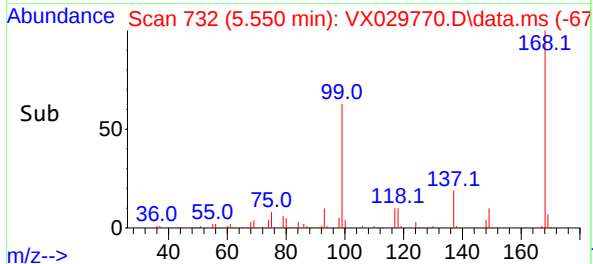


#31
Cyclohexane
Concen: 1.006 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

Instrument :
MSVOA_X
ClientSampleId :
MW-22D

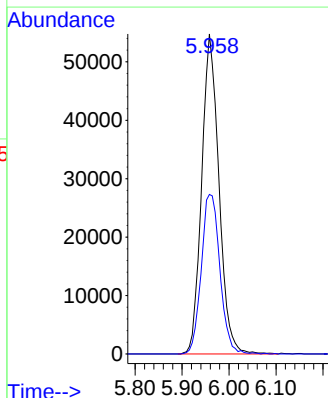
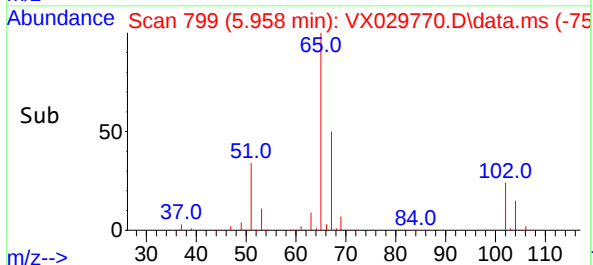
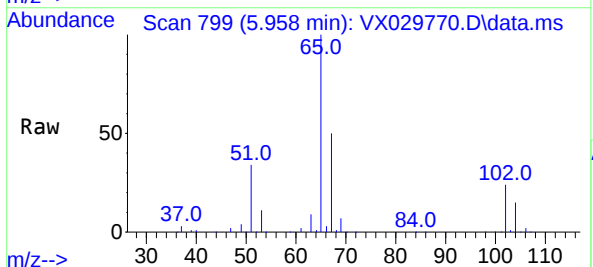


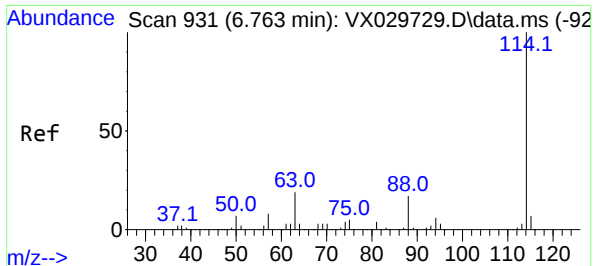
Tgt Ion: 56 Resp: 4601
Ion Ratio Lower Upper
56 100
69 193.2 26.7 40.1#
84 164.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 41.029 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

Tgt Ion: 65 Resp: 139748
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX029770.D

Acq: 24 Jun 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

MW-22D

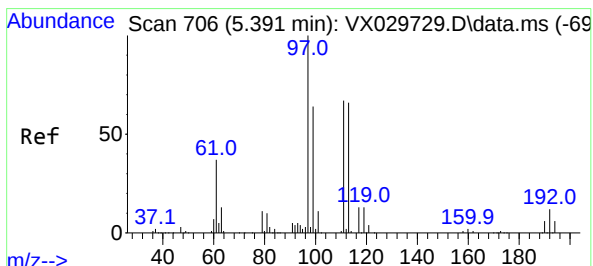
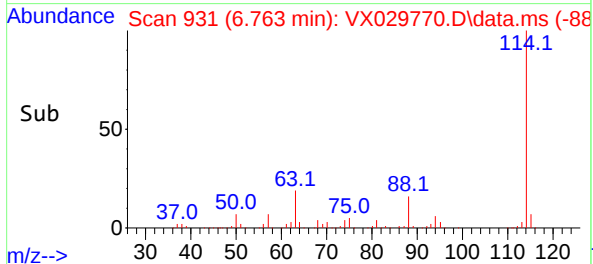
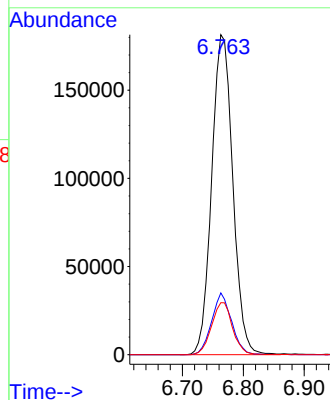
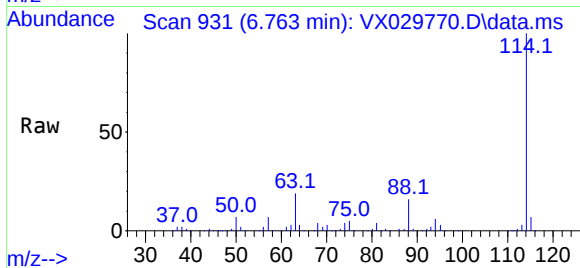
Tgt Ion:114 Resp: 437087

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 16.2 0.0 32.4



#35

Dibromofluoromethane

Concen: 43.671 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX029770.D

Acq: 24 Jun 2022 13:12

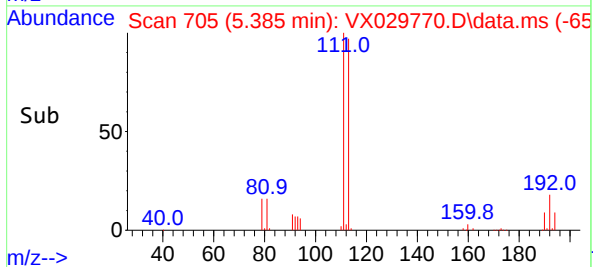
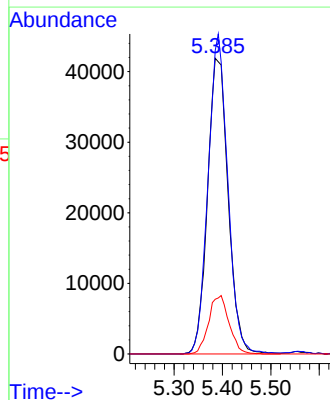
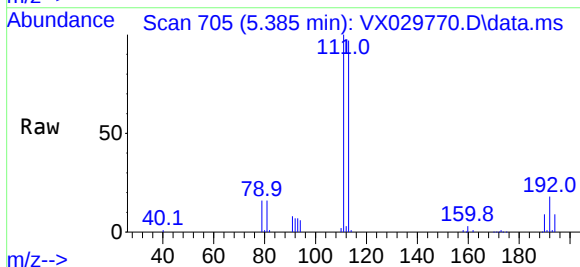
Tgt Ion:113 Resp: 124395

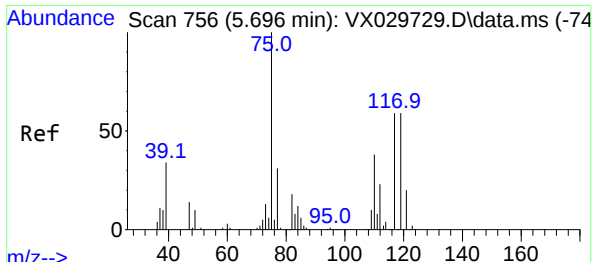
Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 19.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.905 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX029770.D

Acq: 24 Jun 2022 13:12

Instrument :

MSVOA_X

ClientSampleId :

MW-22D

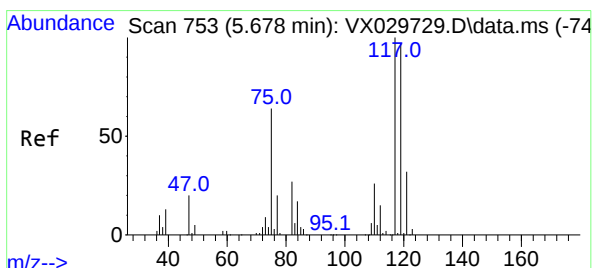
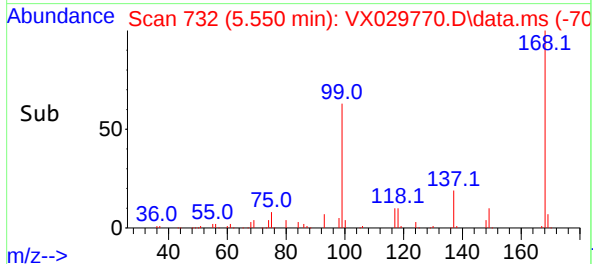
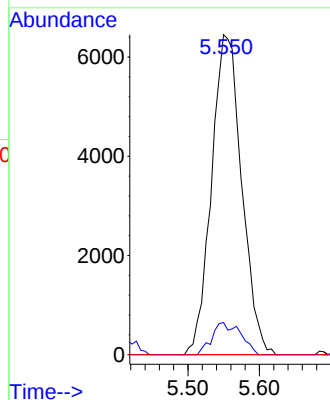
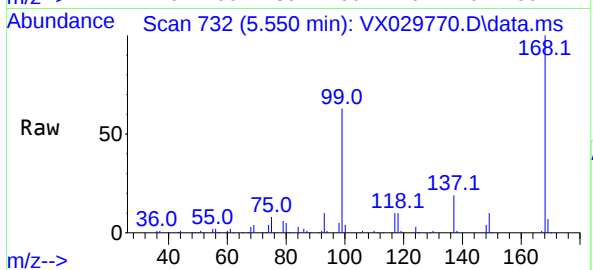
Tgt Ion: 75 Resp: 18908

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.845 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX029770.D

Acq: 24 Jun 2022 13:12

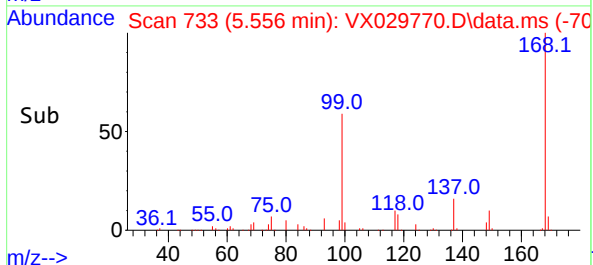
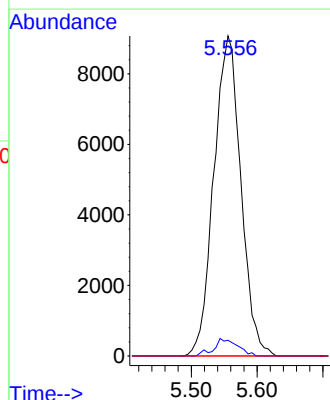
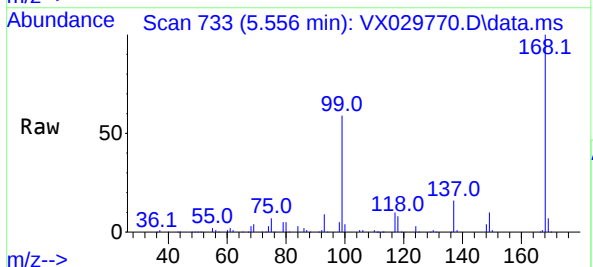
Tgt Ion: 117 Resp: 25951

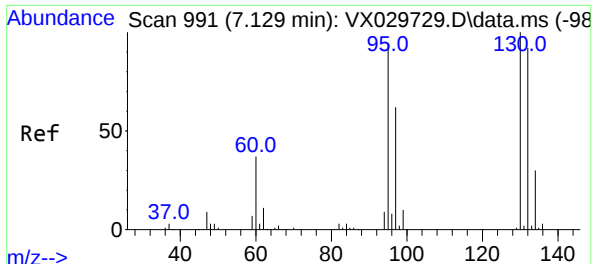
Ion Ratio Lower Upper

117 100

119 4.9 77.3 115.9#

121 0.0 24.2 36.2#

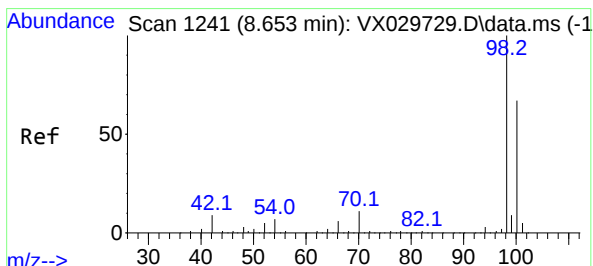
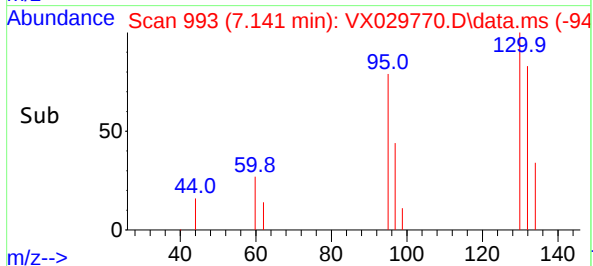
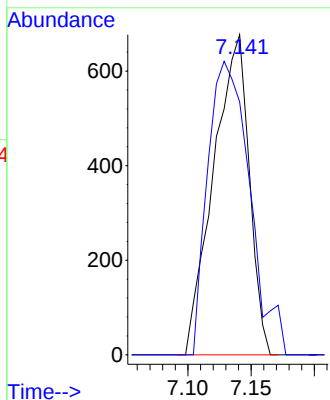
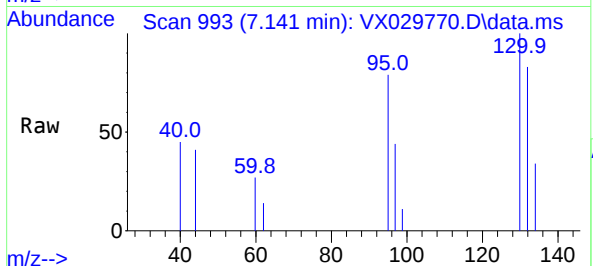




#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

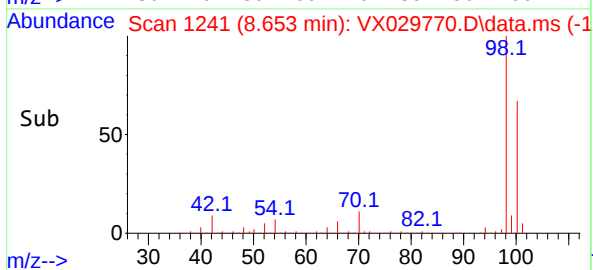
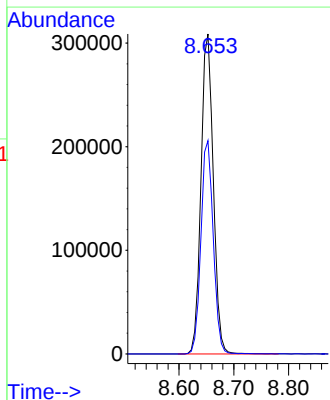
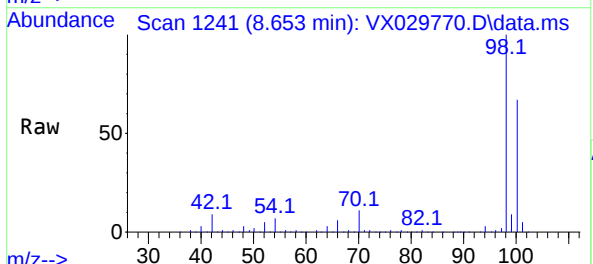
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

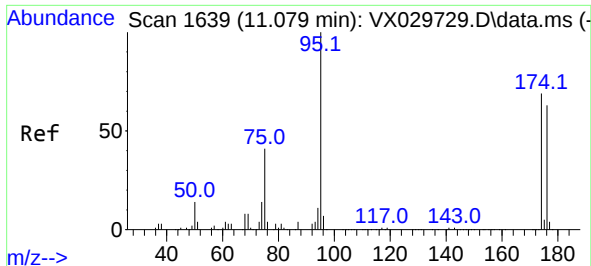
Tgt Ion:130 Resp: 1325
Ion Ratio Lower Upper
130 100
95 79.0 0.0 188.8



#50
Toluene-d8
Concen: 46.184 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

Tgt Ion: 98 Resp: 480581
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

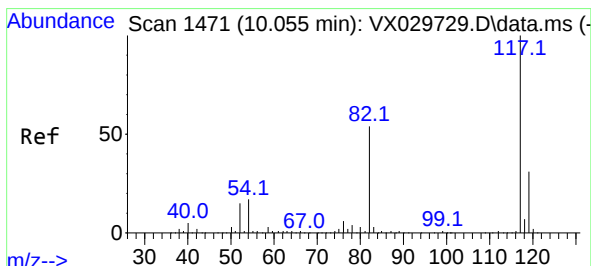
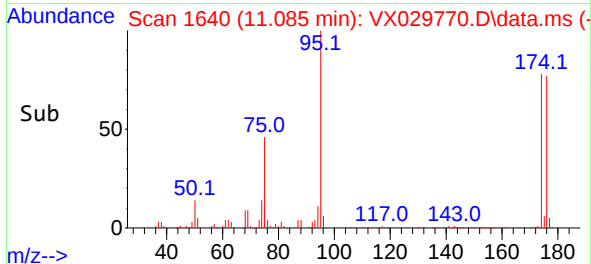
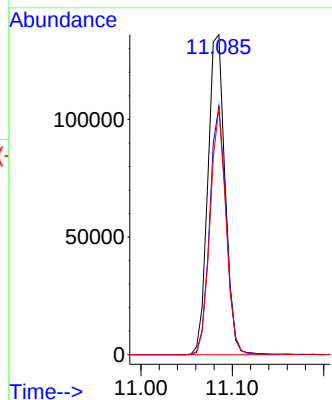
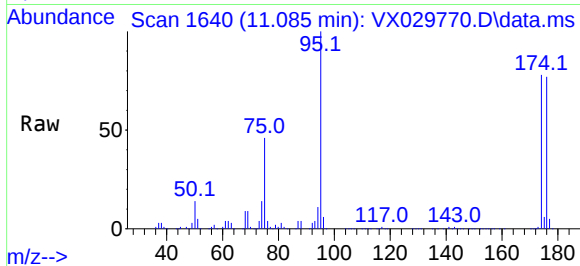




#62
4-Bromofluorobenzene
Concen: 45.090 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

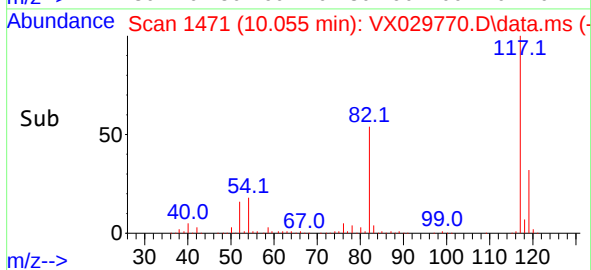
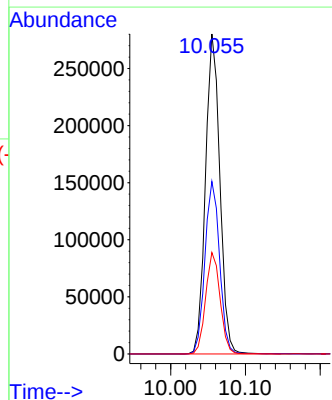
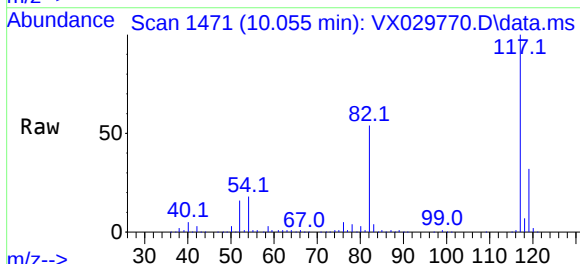
Instrument :
MSVOA_X
ClientSampleId :
MW-22D

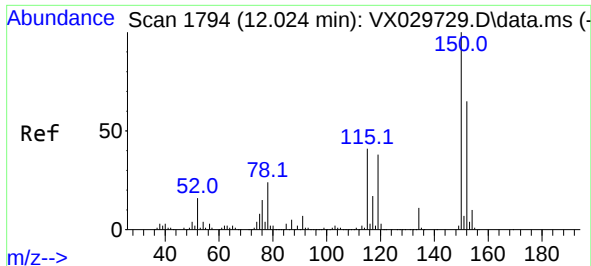
Tgt Ion: 95 Resp: 176940
Ion Ratio Lower Upper
95 100
174 74.7 0.0 163.0
176 71.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029770.D
Acq: 24 Jun 2022 13:12

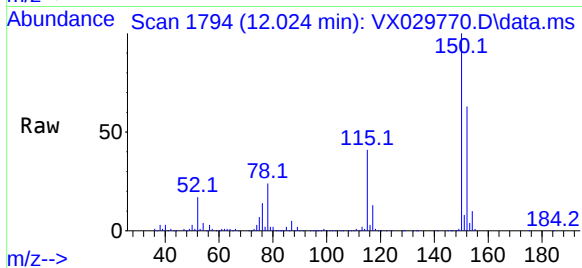
Tgt Ion: 117 Resp: 374042
Ion Ratio Lower Upper
117 100
82 53.9 41.8 62.8
119 31.7 24.8 37.2



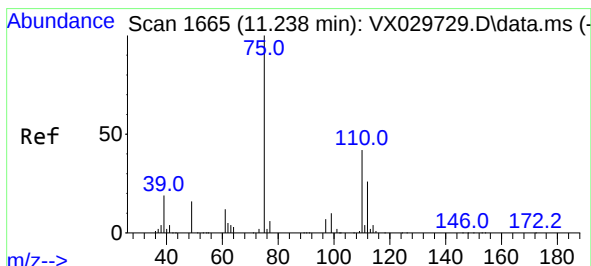
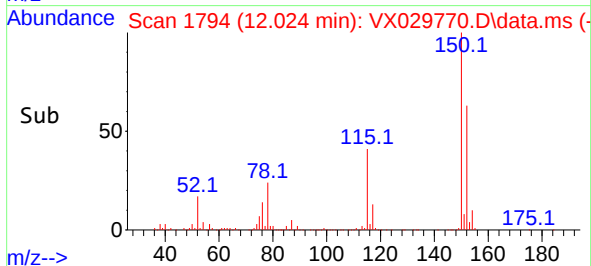
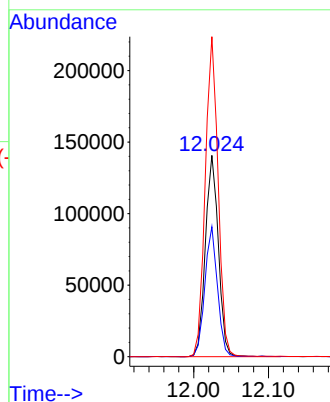


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029770.D
 Acq: 24 Jun 2022 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22D

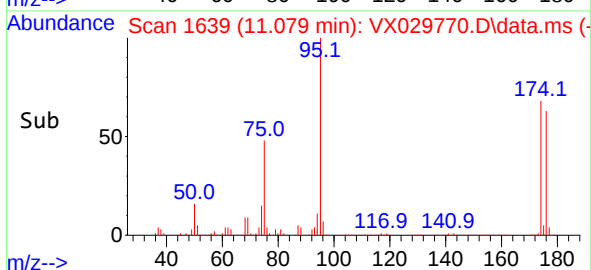
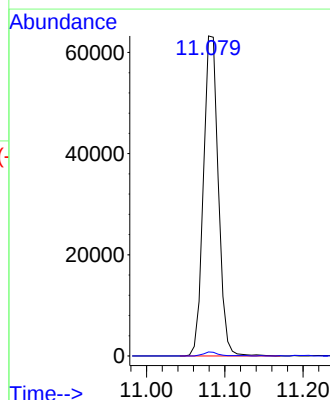
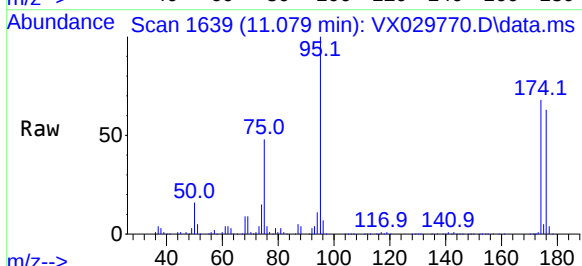


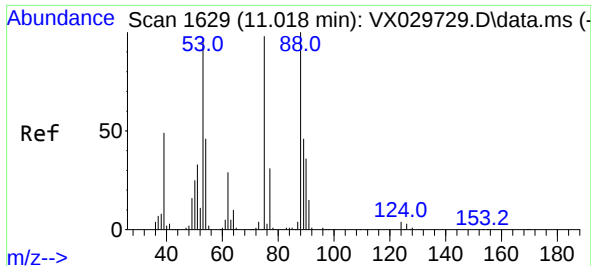
Tgt Ion:152 Resp: 169906
 Ion Ratio Lower Upper
 152 100
 115 62.8 37.5 112.7
 150 157.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.579 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029770.D
 Acq: 24 Jun 2022 13:12

Tgt Ion: 75 Resp: 83575
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.116 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029770.D
 Acq: 24 Jun 2022 13:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22D

Tgt Ion: 75 Resp: 83575
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

