

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029773.D
 Acq On : 24 Jun 2022 14:22
 Operator : JC/MD
 Sample : N3366-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

Quant Time: Jun 25 02:01:30 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)

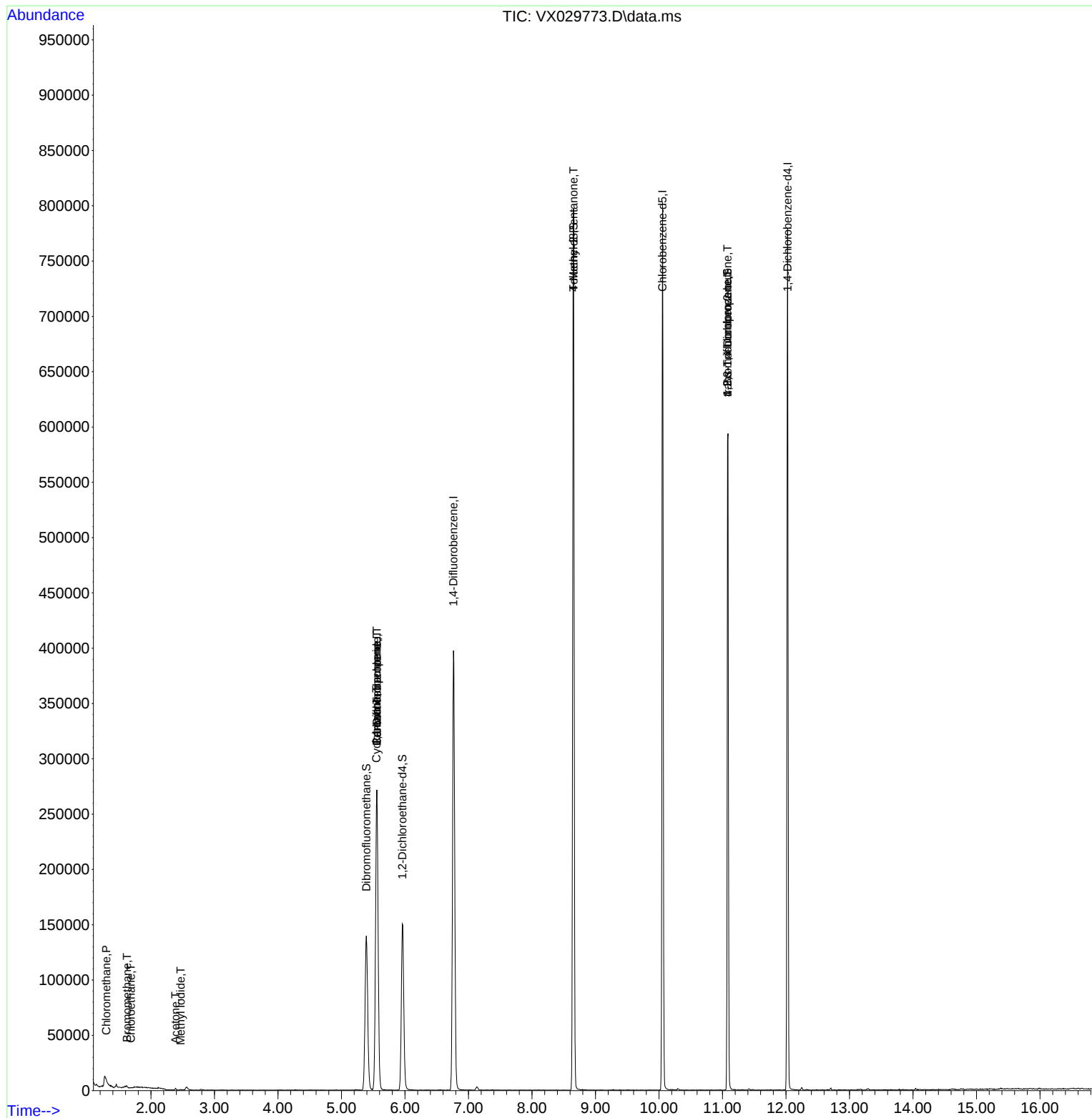
Internal Standards						
1) Pentafluorobenzene	5.556	168	256474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	429385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145766	42.935	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.880%
35) Dibromofluoromethane	5.391	113	125185	44.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.480%
50) Toluene-d8	8.653	98	486806	47.621	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.240%
62) 4-Bromofluorobenzene	11.079	95	173443	44.991	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1248	0.373	ug/l	99
5) Bromomethane	1.624	94	682	0.434	ug/l	93
6) Chloroethane	1.685	64	222	1.382	ug/l #	43
10) Methyl Iodide	2.465	142	475	3.163	ug/l #	88
11) Tert butyl alcohol	2.953	59	99	Below Cal	#	72
16) Acetone	2.386	43	1277	0.944	ug/l	94
31) Cyclohexane	5.550	56	4785	1.050	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19178	5.064	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26791	7.193	ug/l #	16
44) Trichloroethene	7.141	130	1400	Below Cal		92
51) 4-Methyl-2-Pentanone	8.653	43	1765	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	84410	23.664	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	84410	78.723	ug/l #	15

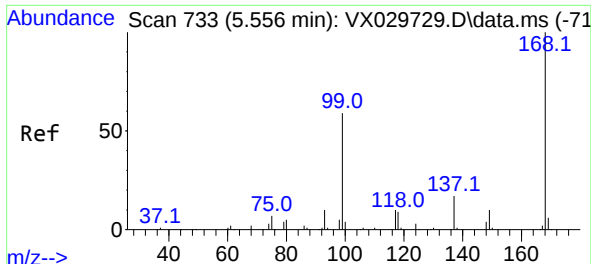
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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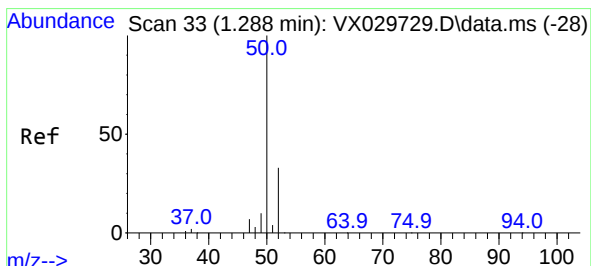
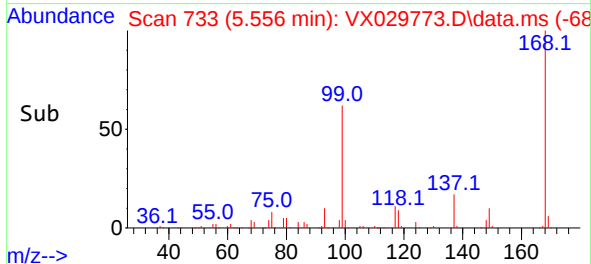
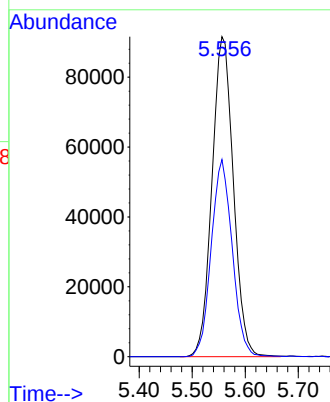
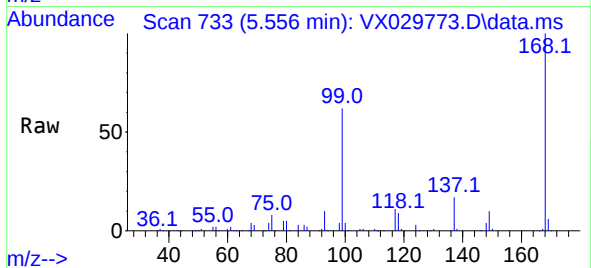




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

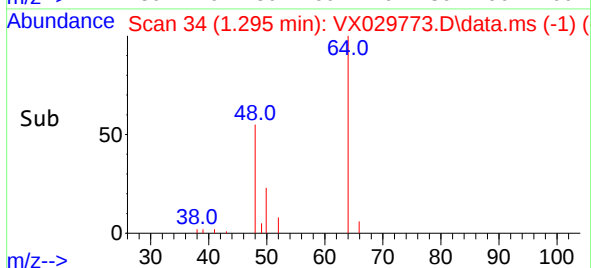
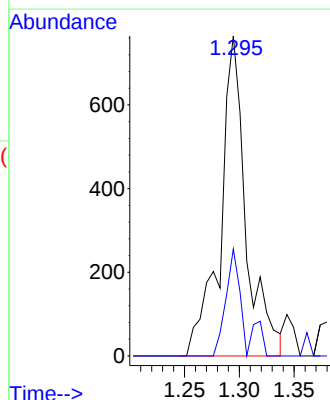
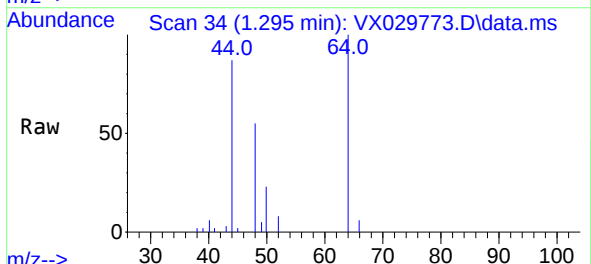
Instrument :
MSVOA_X
ClientSampleId :
MW-26

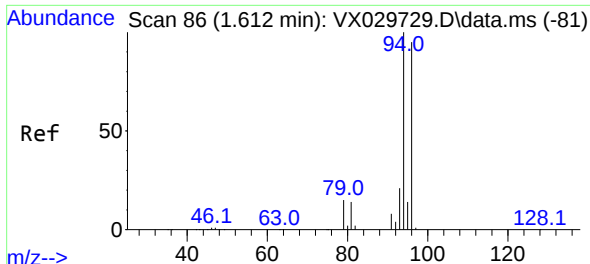
Tgt Ion:168 Resp: 256474
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5



#3
Chloromethane
Concen: 0.373 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

Tgt Ion: 50 Resp: 1248
Ion Ratio Lower Upper
50 100
52 33.5 26.4 39.6

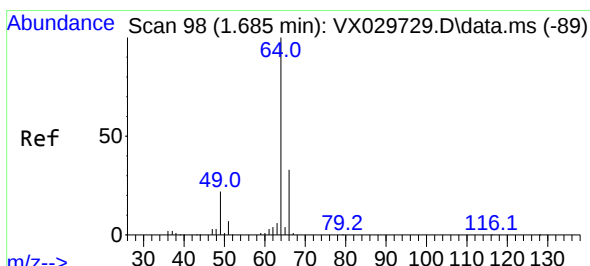
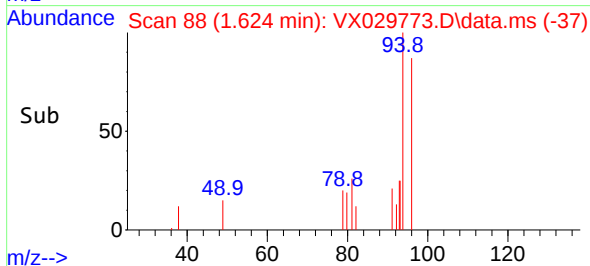
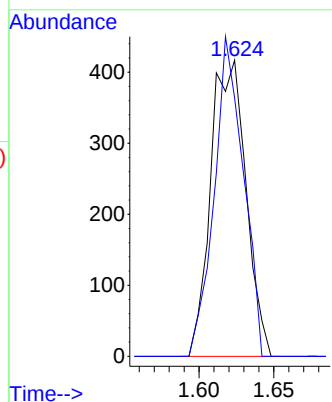
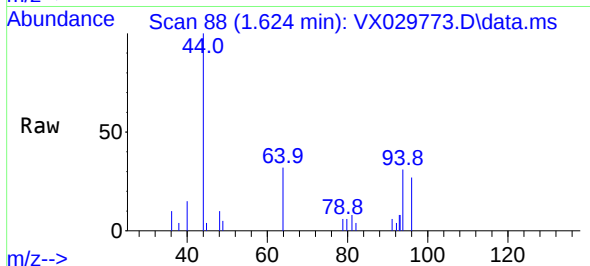




#5
Bromomethane
Concen: 0.434 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

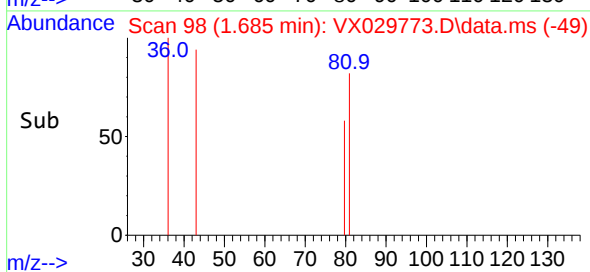
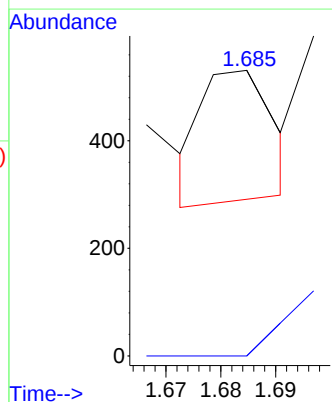
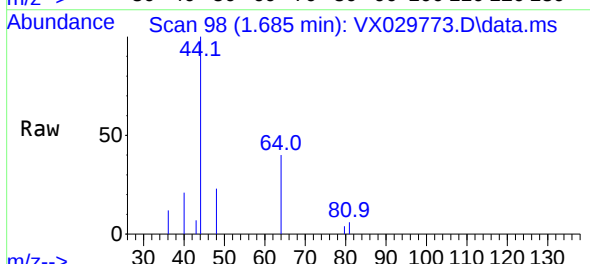
Instrument :
MSVOA_X
ClientSampleId :
MW-26

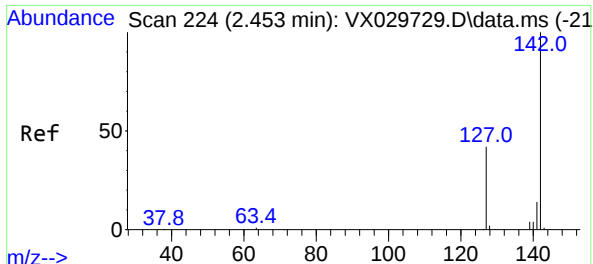
Tgt Ion: 94 Resp: 682
Ion Ratio Lower Upper
94 100
96 87.3 75.3 112.9



#6
Chloroethane
Concen: 1.382 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

Tgt Ion: 64 Resp: 222
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

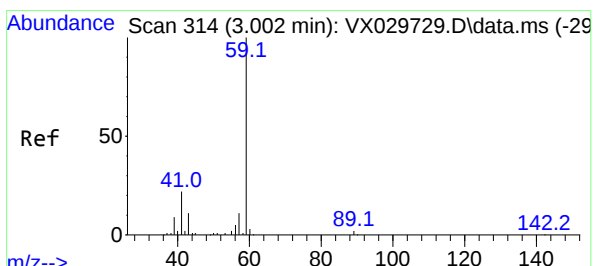
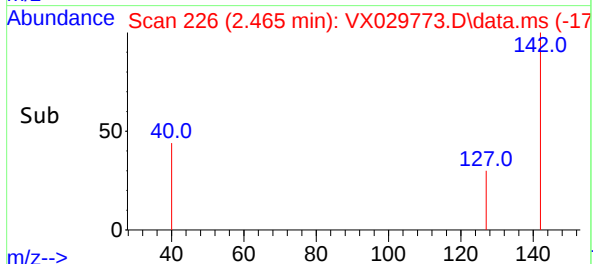
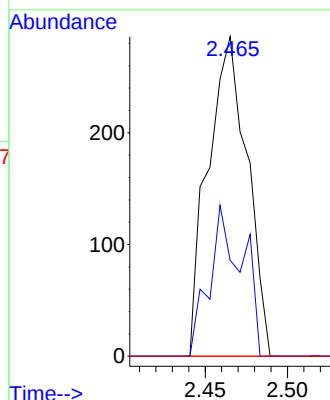
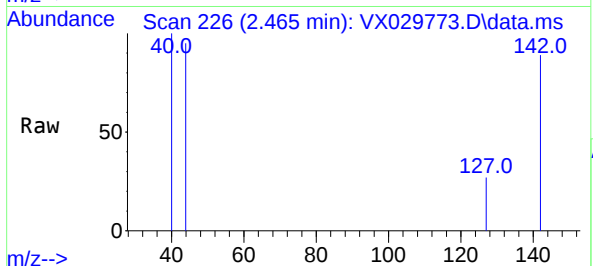




#10
Methyl Iodide
Concen: 3.163 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

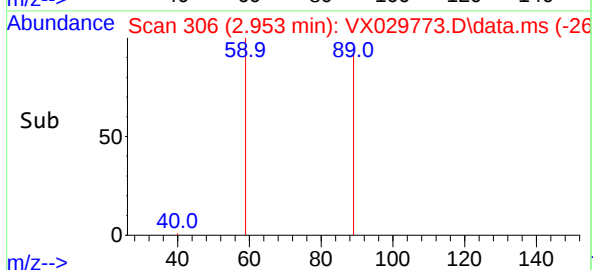
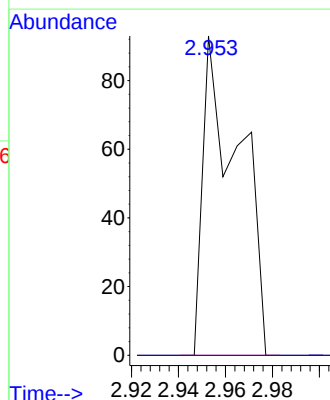
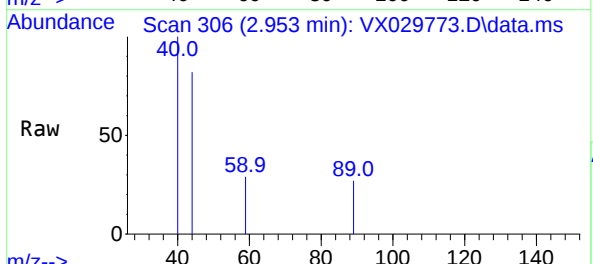
Instrument :
MSVOA_X
ClientSampleId :
MW-26

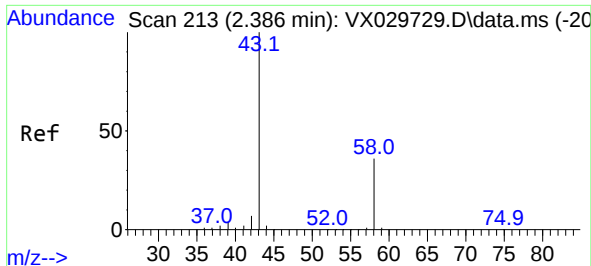
Tgt Ion:142 Resp: 475
Ion Ratio Lower Upper
142 100
127 39.8 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

Tgt Ion: 59 Resp: 99
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

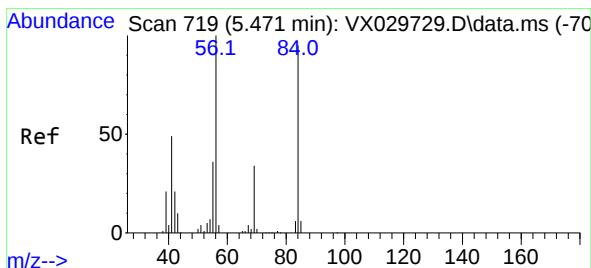
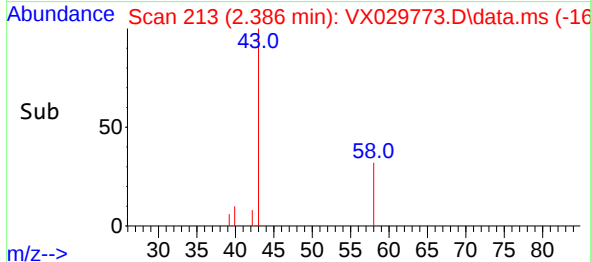
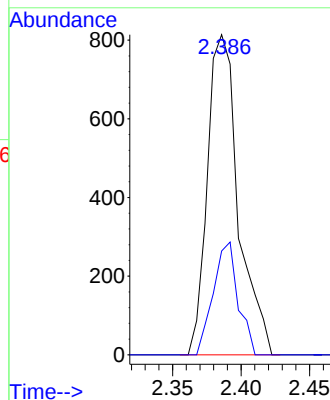
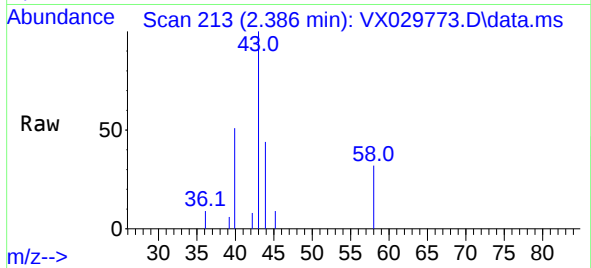




#16
Acetone
Concen: 0.944 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

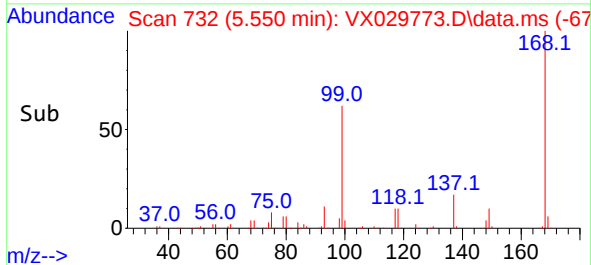
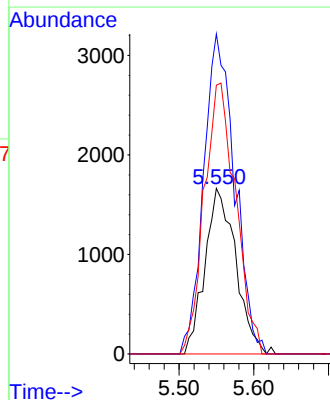
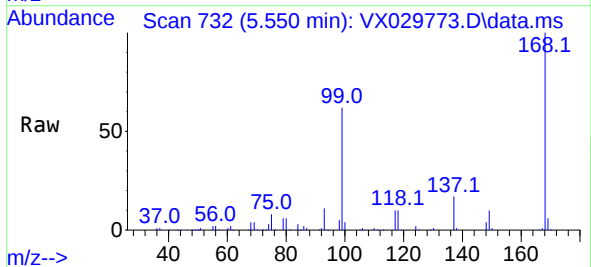
Instrument : MSVOA_X
ClientSampleId : MW-26

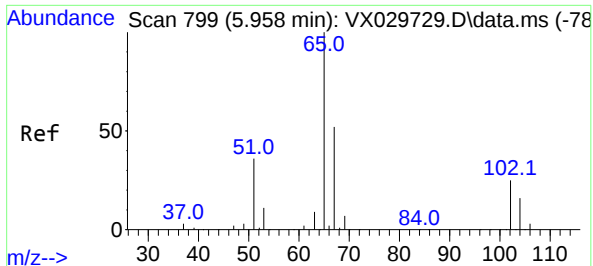
Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 32.4 28.8 43.2



#31
Cyclohexane
Concen: 1.050 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

Tgt Ion: 56 Resp: 4785
Ion Ratio Lower Upper
56 100
69 193.3 26.7 40.1#
84 162.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 42.935 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029773.D

Acq: 24 Jun 2022 14:22

Instrument :

MSVOA_X

ClientSampleId :

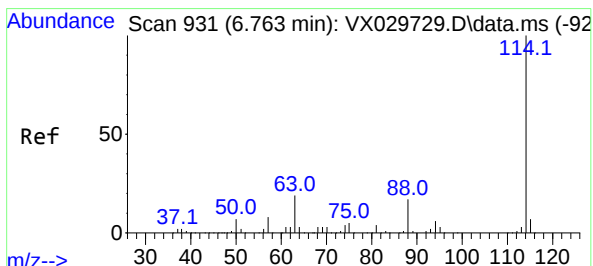
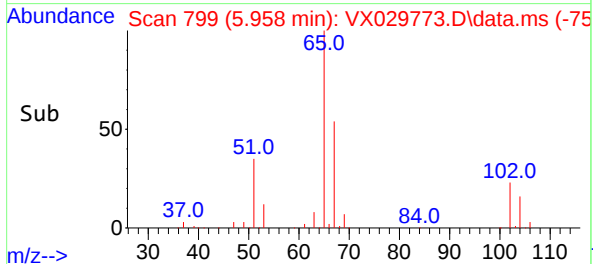
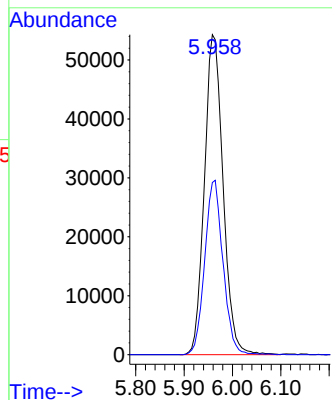
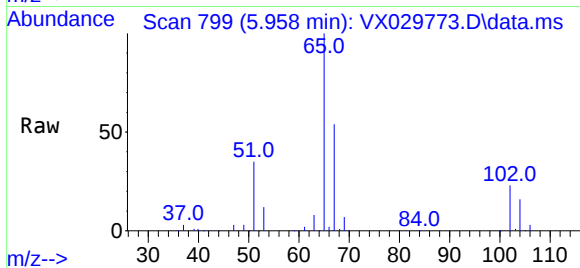
MW-26

Tgt Ion: 65 Resp: 145766

Ion Ratio Lower Upper

65 100

67 53.3 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: VX029773.D

Acq: 24 Jun 2022 14:22

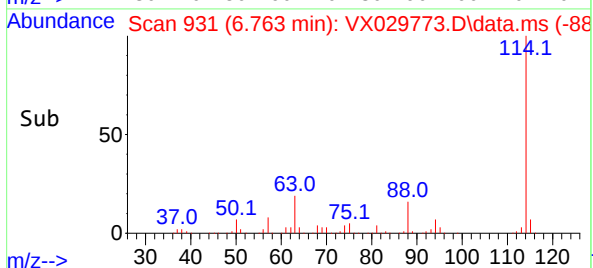
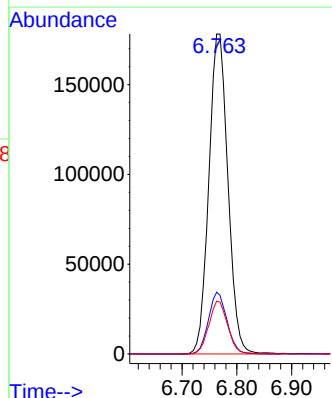
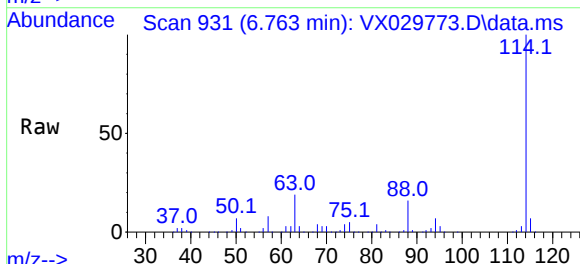
Tgt Ion: 114 Resp: 429385

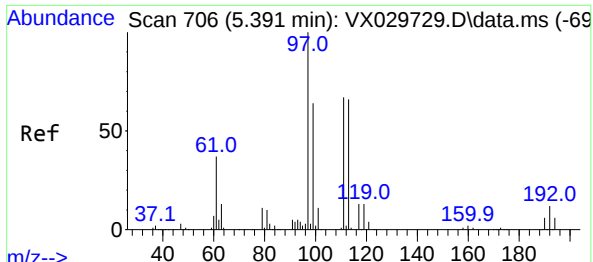
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 16.5 0.0 32.4

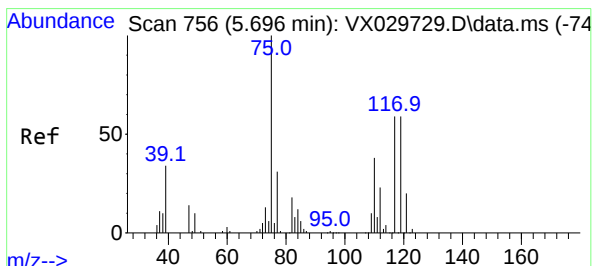
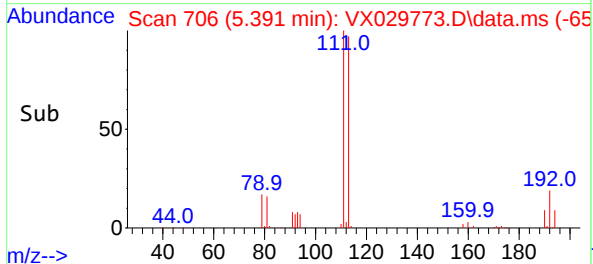
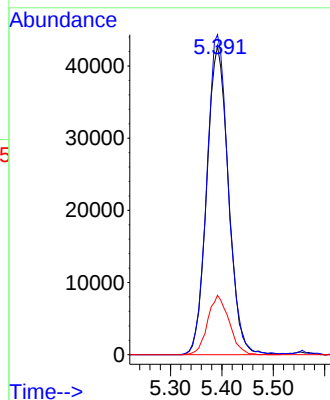
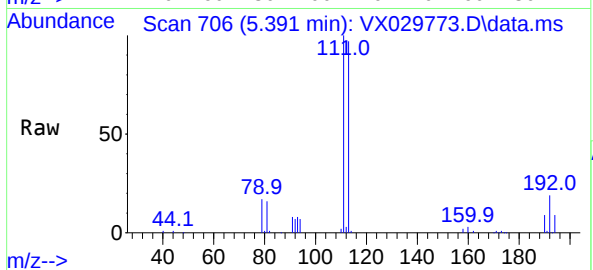




#35
Dibromofluoromethane
Concen: 44.737 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

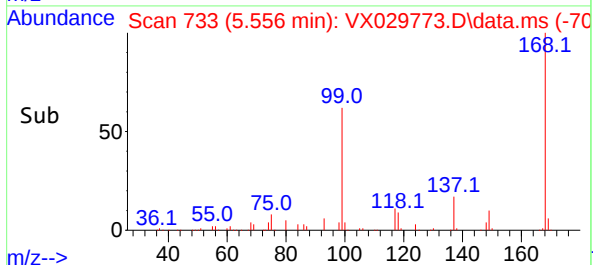
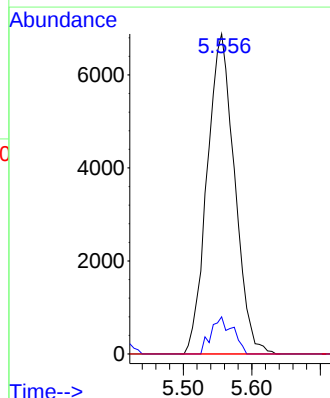
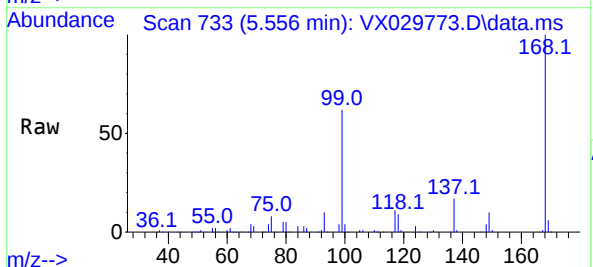
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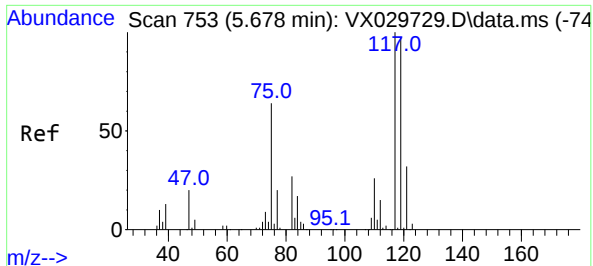
Tgt Ion:113 Resp: 125185
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.064 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

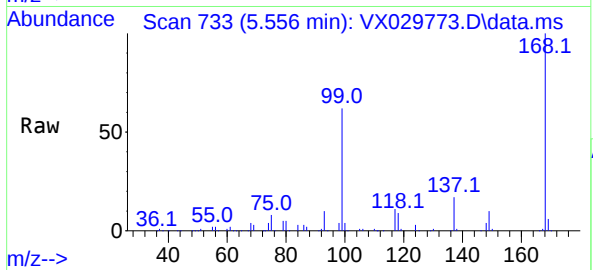
Tgt Ion: 75 Resp: 19178
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#



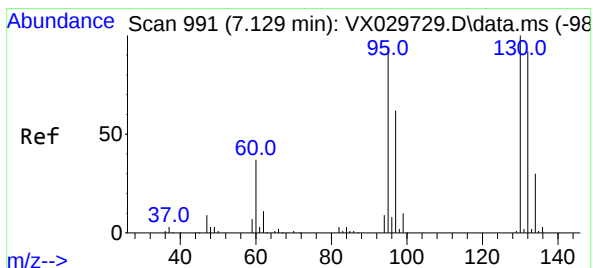
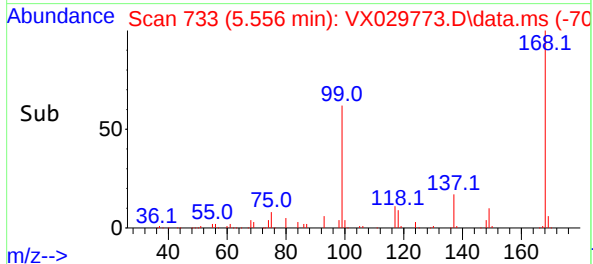
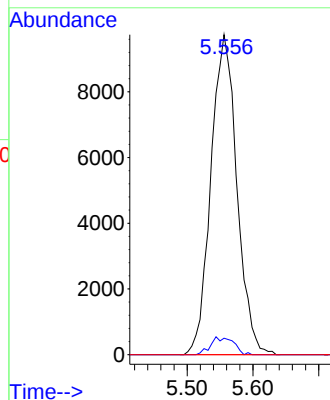


#38
Carbon Tetrachloride
Concen: 7.193 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-26

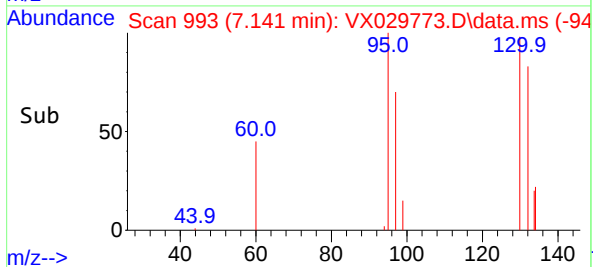
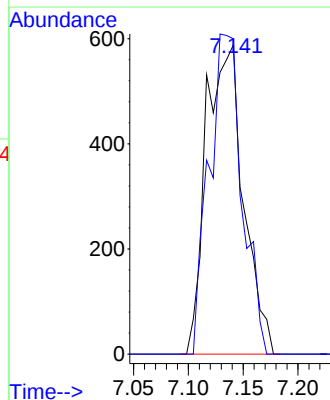
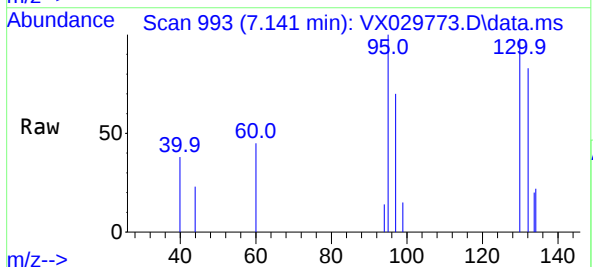


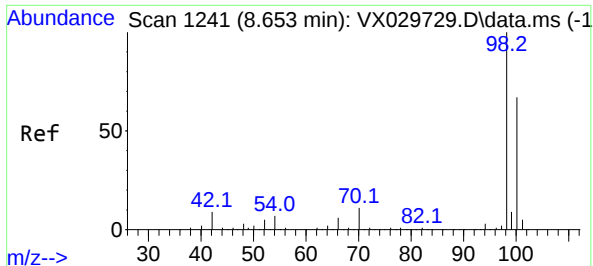
Tgt Ion:117 Resp: 26791
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

Tgt Ion:130 Resp: 1400
Ion Ratio Lower Upper
130 100
95 102.0 0.0 188.8





#50

Toluene-d8

Concen: 47.621 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029773.D

Acq: 24 Jun 2022 14:22

Instrument :

MSVOA_X

ClientSampleId :

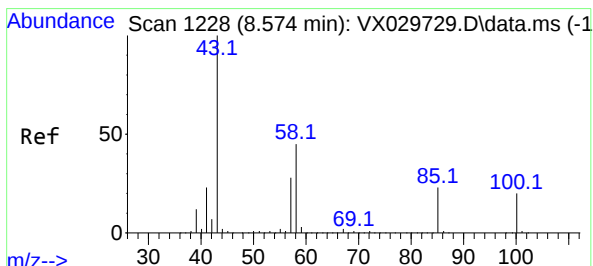
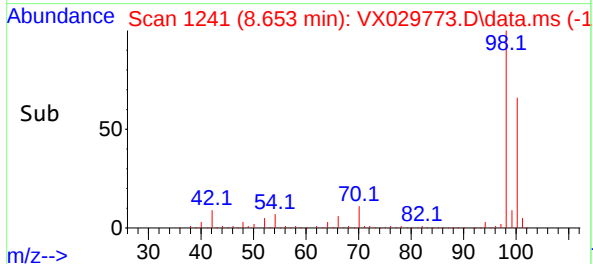
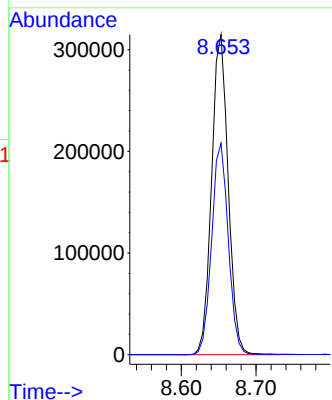
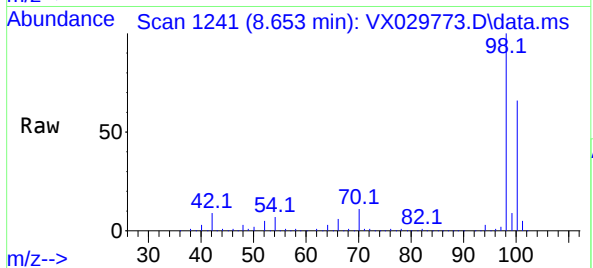
MW-26

Tgt Ion: 98 Resp: 486806

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.454 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX029773.D

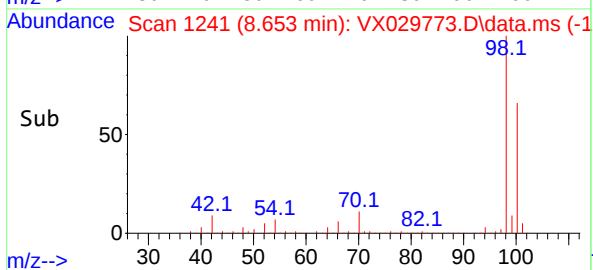
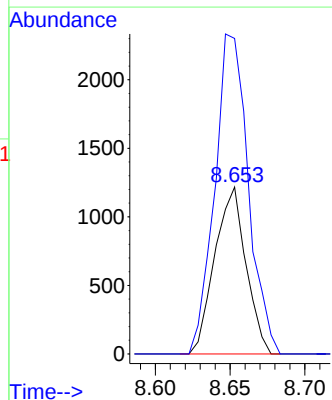
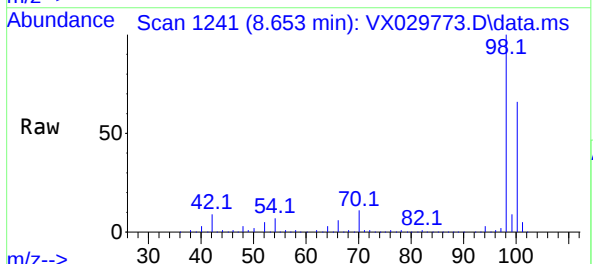
Acq: 24 Jun 2022 14:22

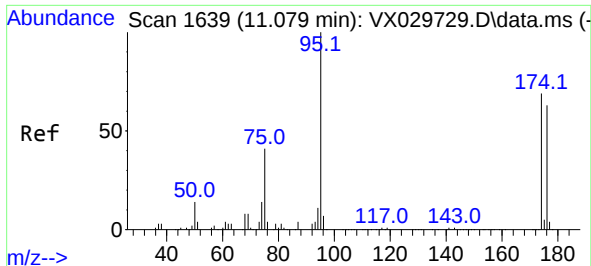
Tgt Ion: 43 Resp: 1765

Ion Ratio Lower Upper

43 100

58 206.2 36.1 54.1#

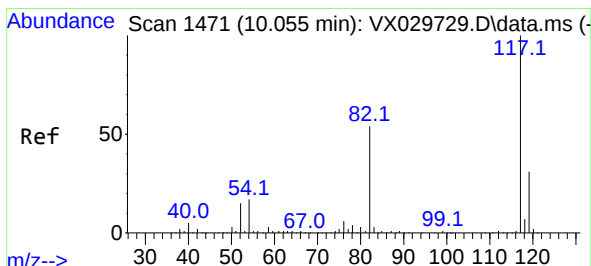
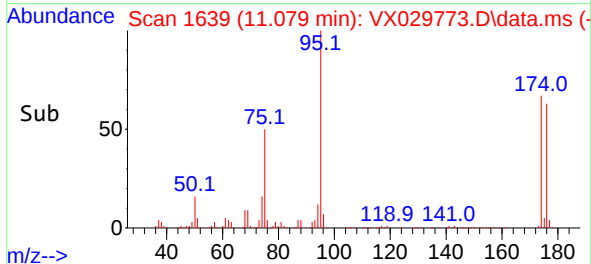
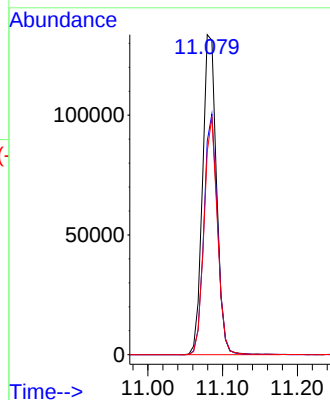
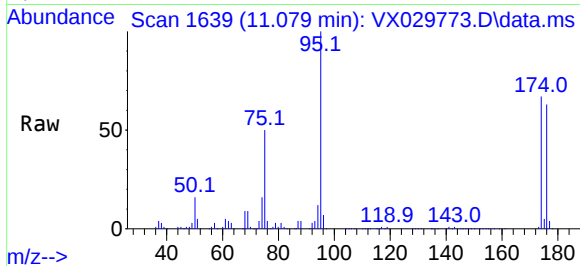




#62
4-Bromofluorobenzene
Concen: 44.991 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

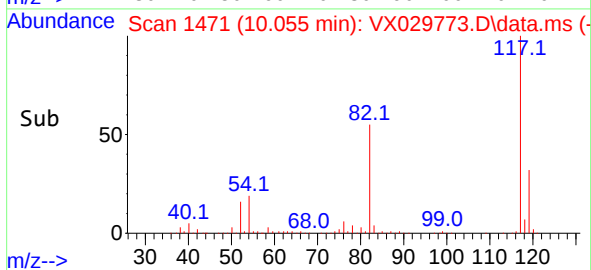
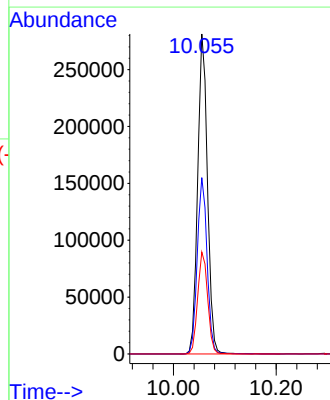
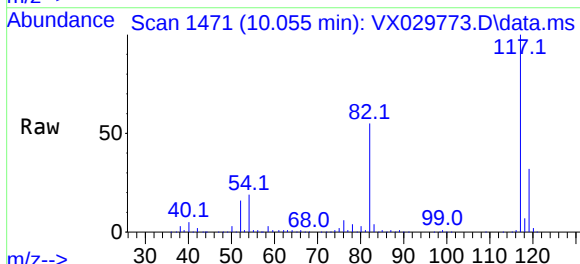
Instrument :
MSVOA_X
ClientSampleId :
MW-26

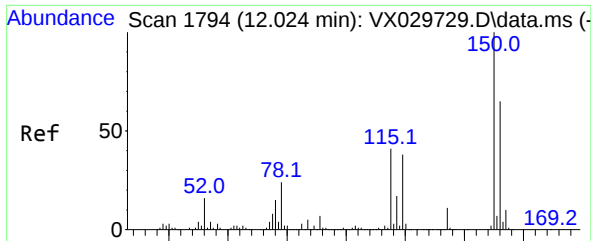
Tgt Ion: 95 Resp: 173443
Ion Ratio Lower Upper
95 100
174 73.0 0.0 163.0
176 71.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

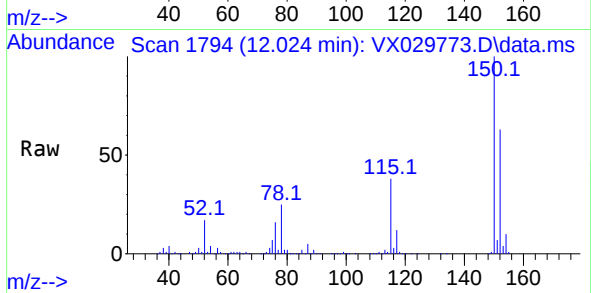
Tgt Ion: 117 Resp: 372244
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 31.8 24.8 37.2



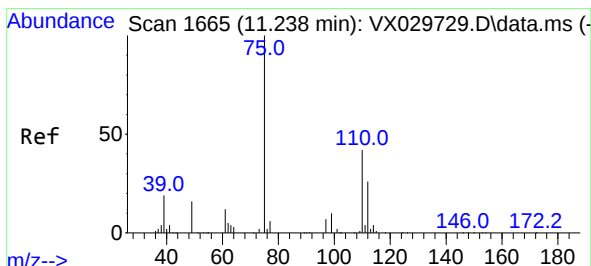
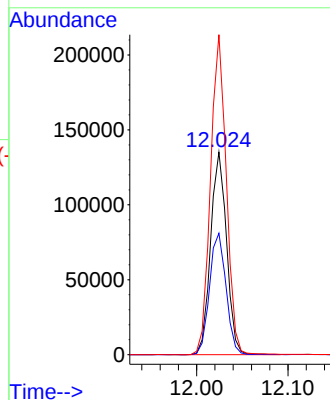
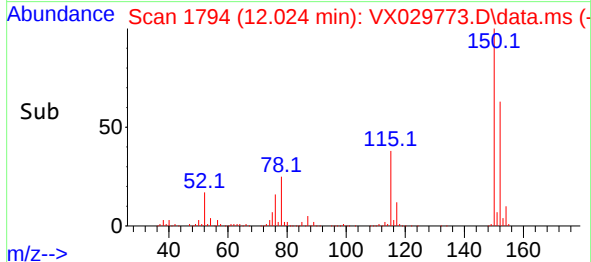


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029773.D
 Acq: 24 Jun 2022 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-26

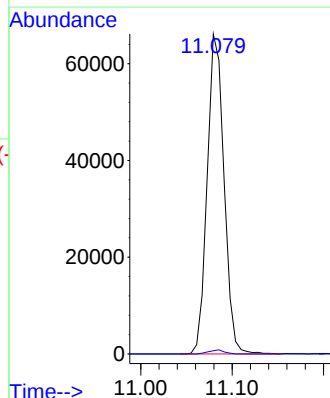
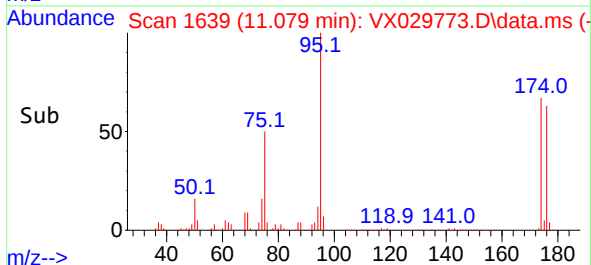
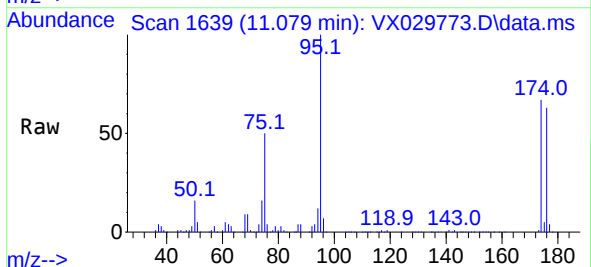


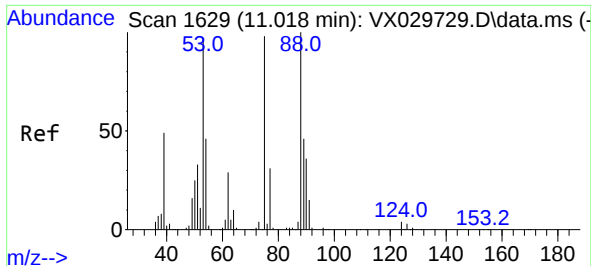
Tgt Ion:152 Resp: 163740
 Ion Ratio Lower Upper
 152 100
 115 62.0 37.5 112.7
 150 156.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.664 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029773.D
 Acq: 24 Jun 2022 14:22

Tgt Ion: 75 Resp: 84410
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.723 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX029773.D
Acq: 24 Jun 2022 14:22

Instrument :
MSVOA_X
ClientSampleId :
MW-26

Tgt Ion: 75 Resp: 84410
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

