

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029898.D
 Acq On : 30 Jun 2022 06:47
 Operator : JC/MD
 Sample : N3481-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Quant Time: Jun 30 08:53:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

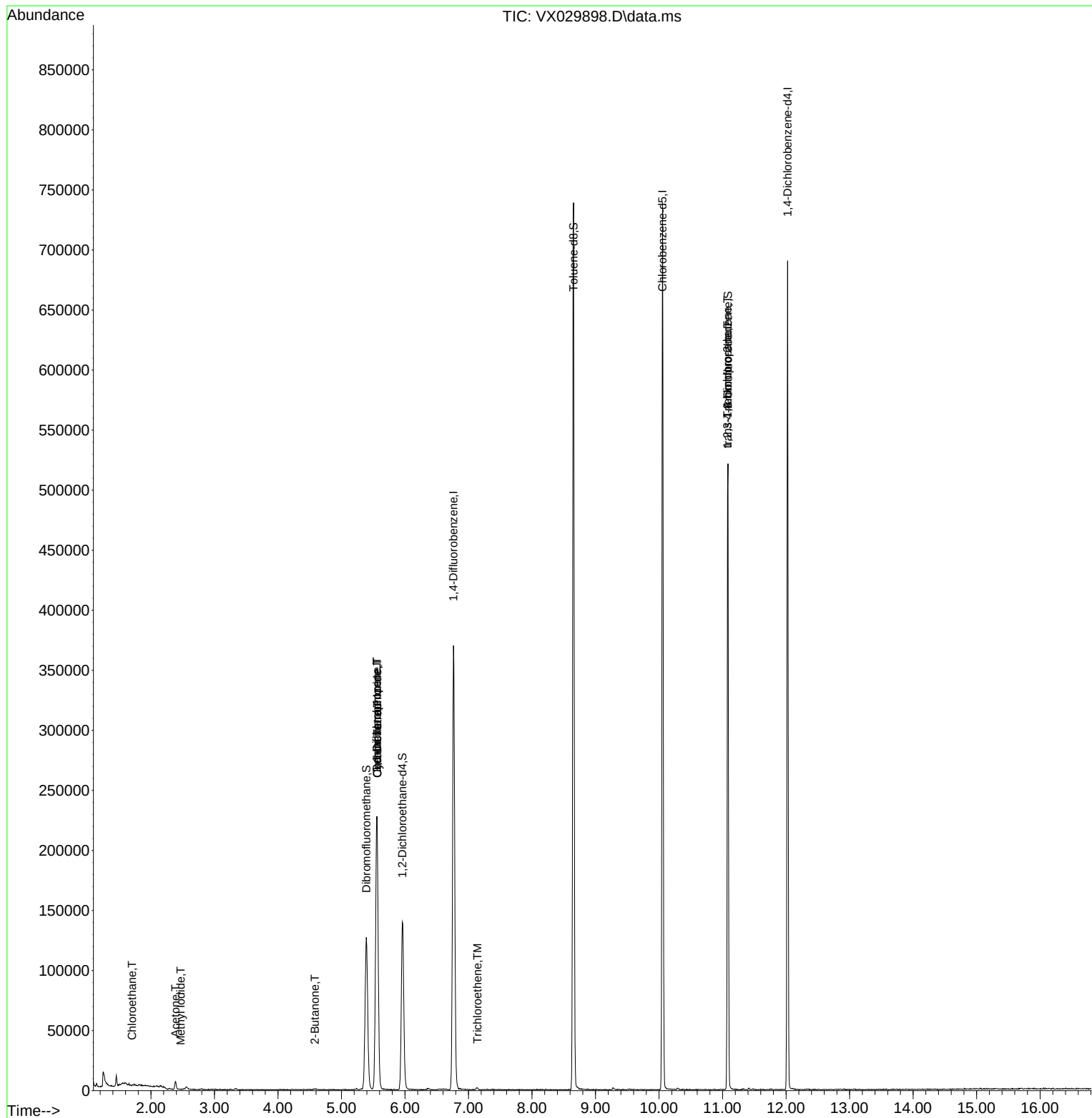
Internal Standards						
1) Pentafluorobenzene	5.556	168	227889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126681	43.915	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.820%
35) Dibromofluoromethane	5.391	113	113637	46.330	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.653	98	449169	48.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.620%
62) 4-Bromofluorobenzene	11.085	95	147046	45.209	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.420%
Target Compounds						
					Qvalue	
6) Chloroethane	1.703	64	353	1.221	ug/l #	41
10) Methyl Iodide	2.465	142	73	1.896	ug/l #	45
13) Acrolein	2.252	56	64	Below Cal	#	52
16) Acetone	2.386	43	6681	4.734	ug/l	93
25) 2-Butanone	4.580	43	1264	0.516	ug/l #	89
31) Cyclohexane	5.562	56	4595	1.142	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16796	5.149	ug/l #	48
38) Carbon Tetrachloride	5.562	117	21825	7.721	ug/l #	18
44) Trichloroethene	7.141	130	610	0.215	ug/l	75
76) 1,2,3-Trichloropropane	11.079	75	68970	20.632	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	68970	65.522	ug/l #	13

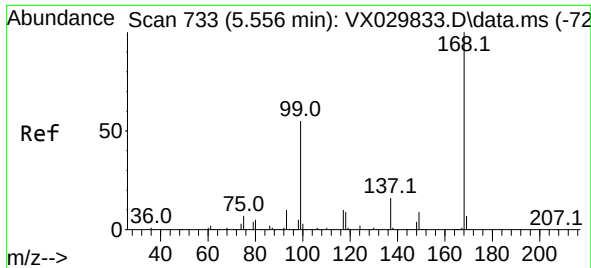
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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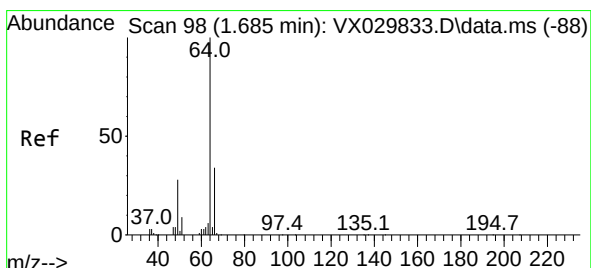
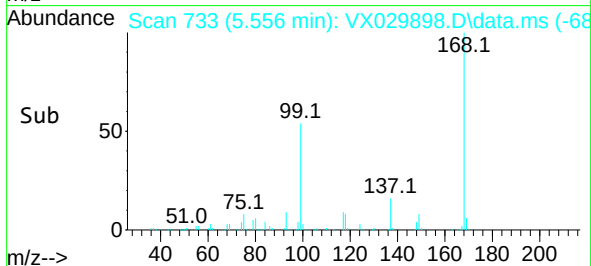
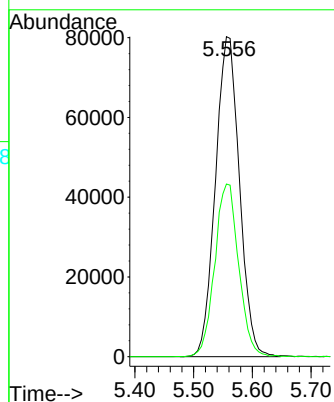
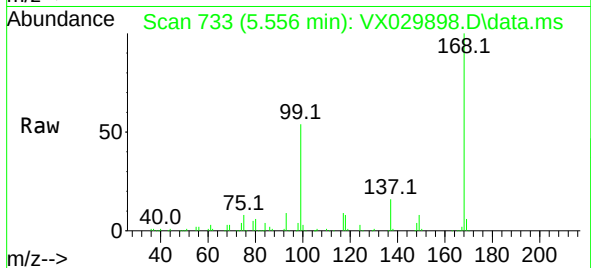




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

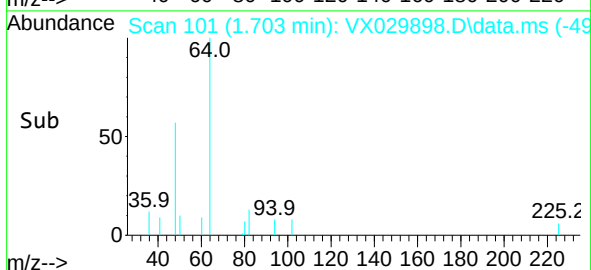
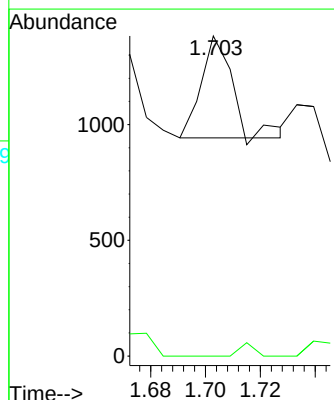
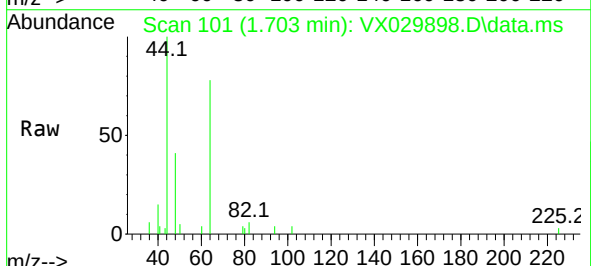
Instrument :
MSVOA_X
ClientSampleId :
MW-22

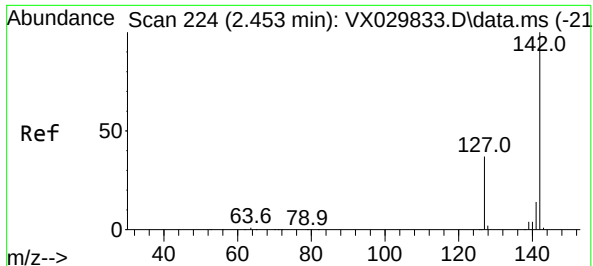
Tgt Ion:168 Resp: 227889
Ion Ratio Lower Upper
168 100
99 53.9 44.0 66.0



#6
Chloroethane
Concen: 1.221 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

Tgt Ion: 64 Resp: 353
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

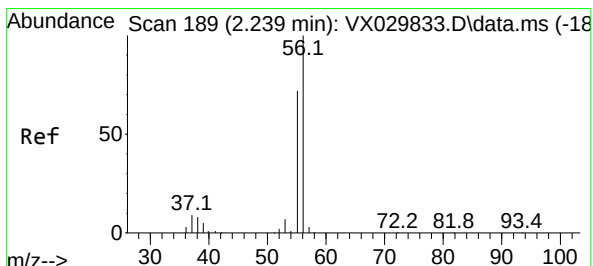
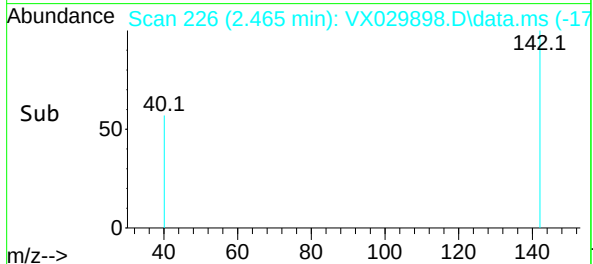
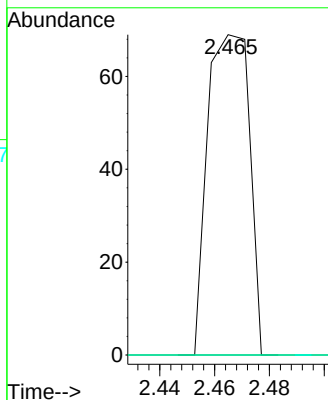
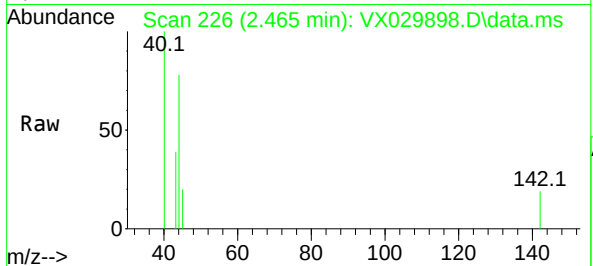




#10
Methyl Iodide
Concen: 1.896 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

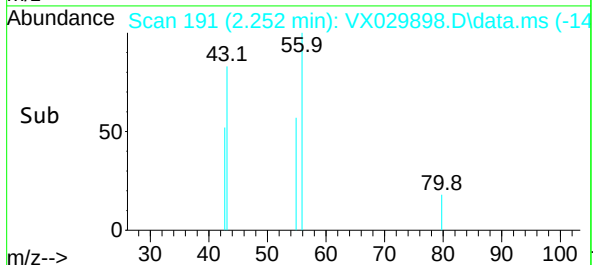
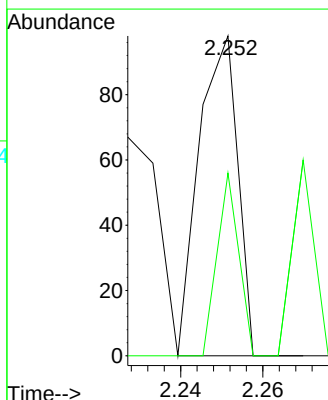
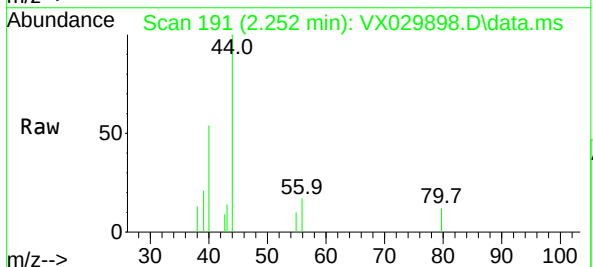
Instrument :
MSVOA_X
ClientSampleId :
MW-22

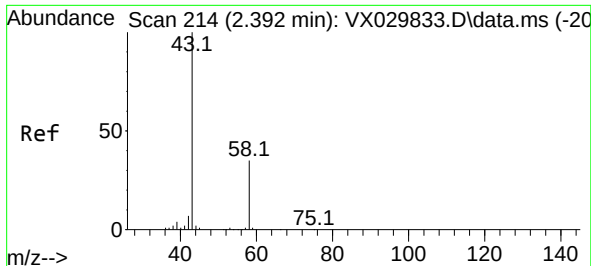
Tgt Ion:142 Resp: 73
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: Below Cal
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 31.3 56.6 84.8#

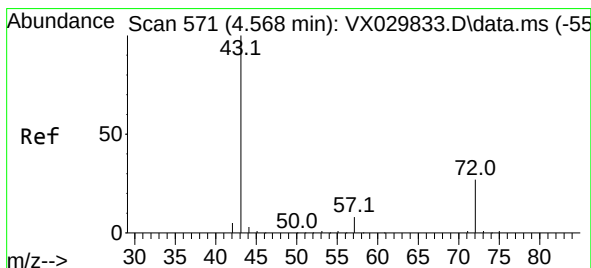
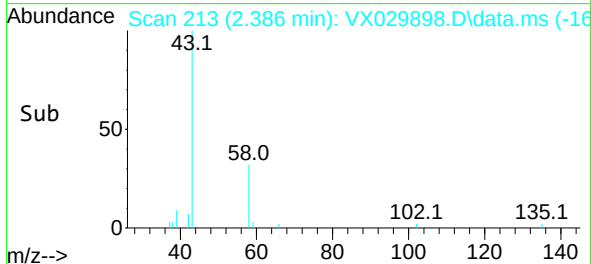
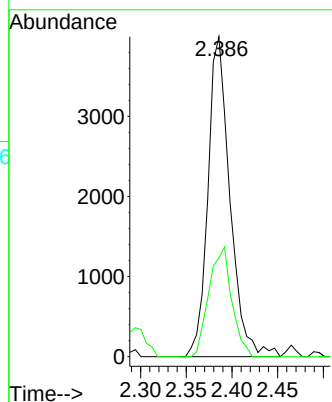
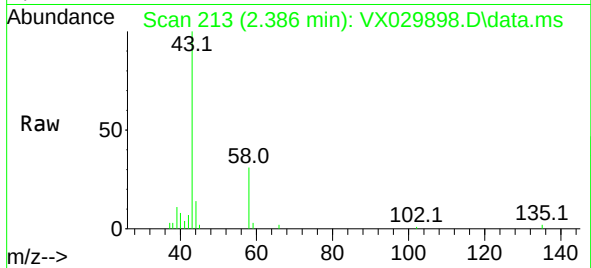




#16
Acetone
Concen: 4.734 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

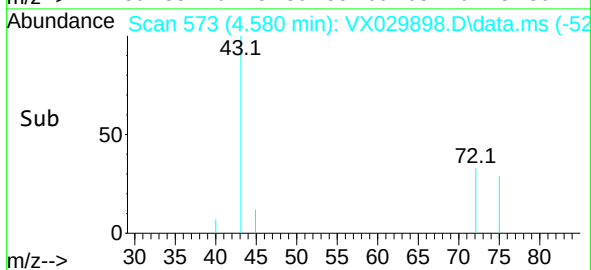
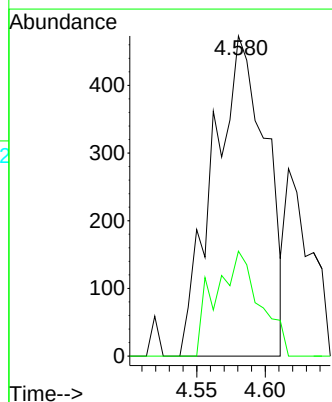
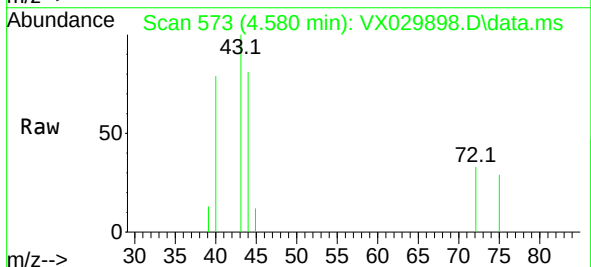
Instrument :
MSVOA_X
ClientSampleId :
MW-22

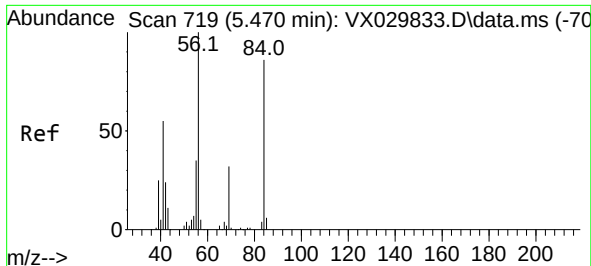
Tgt Ion: 43 Resp: 6681
Ion Ratio Lower Upper
43 100
58 30.8 27.7 41.5



#25
2-Butanone
Concen: 0.516 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

Tgt Ion: 43 Resp: 1264
Ion Ratio Lower Upper
43 100
72 32.8 21.7 32.5#

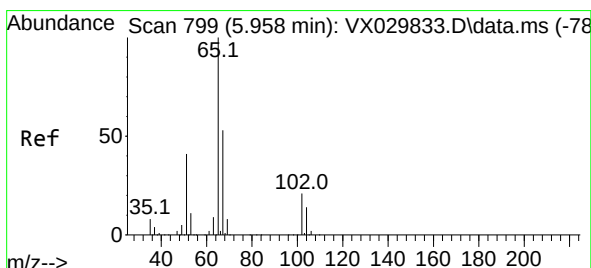
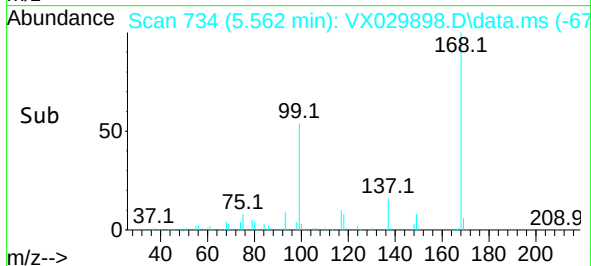
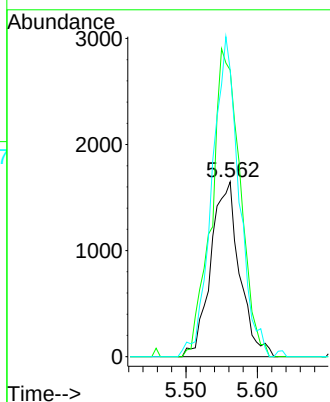
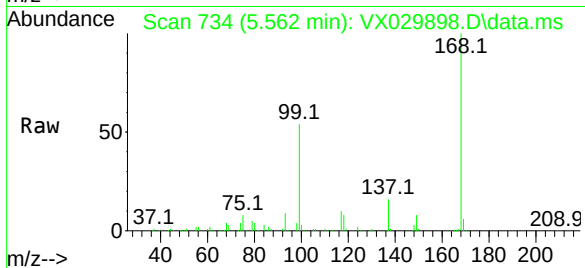




#31
Cyclohexane
Concen: 1.142 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

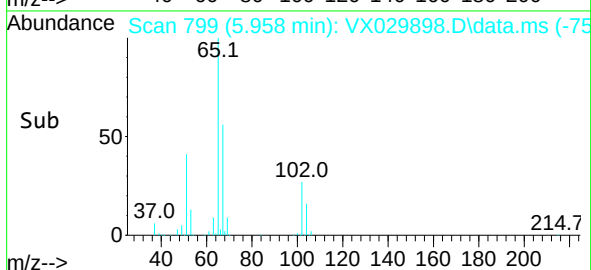
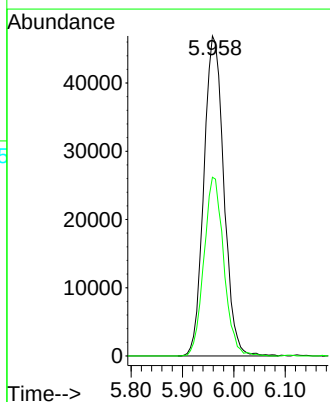
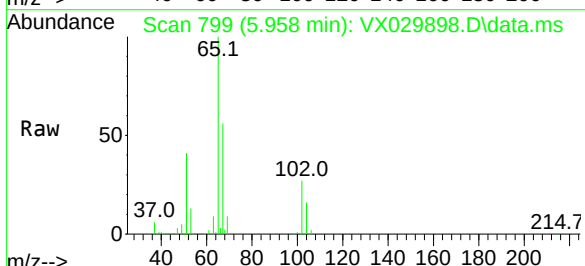
Instrument :
MSVOA_X
ClientSampleId :
MW-22

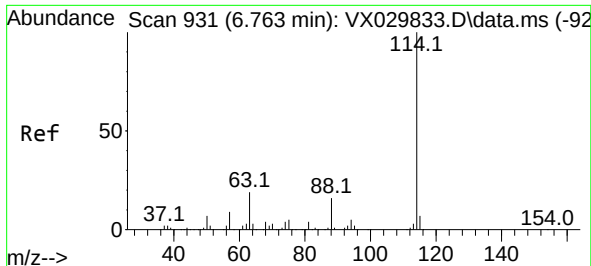
Tgt Ion: 56 Resp: 4595
Ion Ratio Lower Upper
56 100
69 163.9 25.4 38.0#
84 163.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 43.915 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

Tgt Ion: 65 Resp: 126681
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6

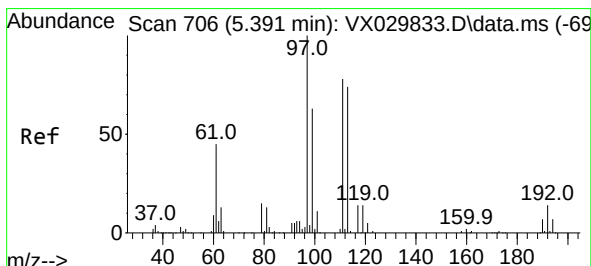
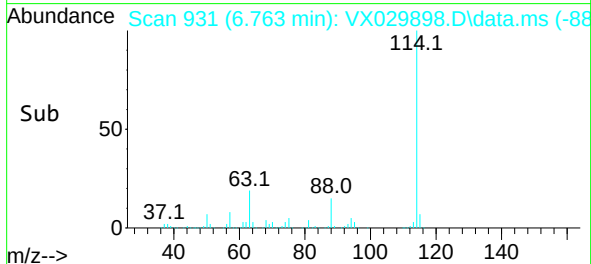
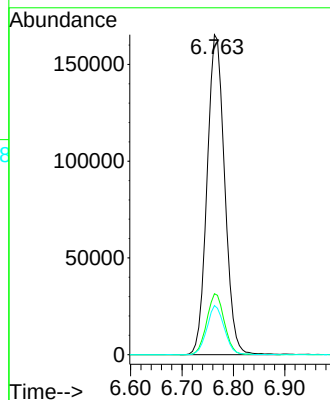
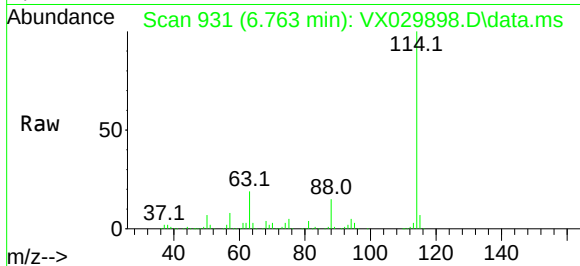




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

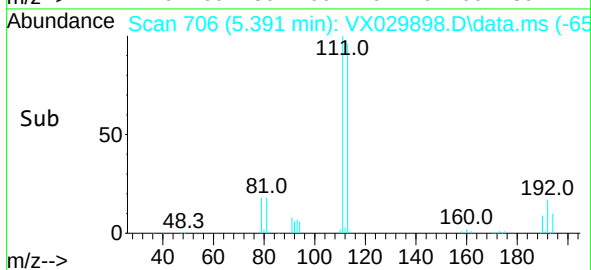
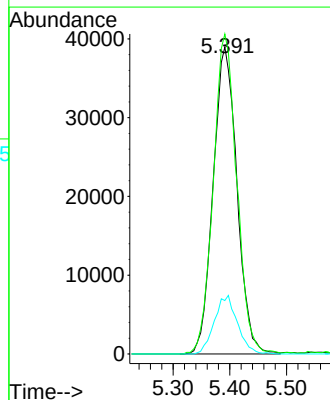
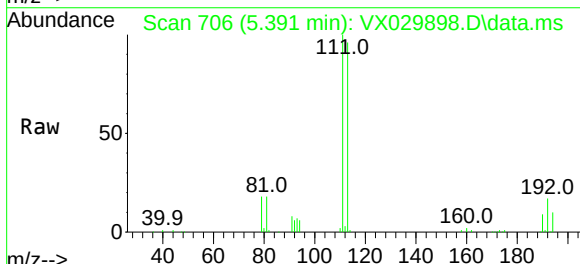
Instrument :
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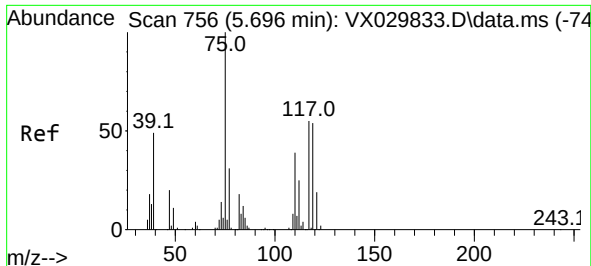
Tgt Ion:114 Resp: 392477
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.4
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.330 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

Tgt Ion:113 Resp: 113637
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 18.4 14.8 22.2

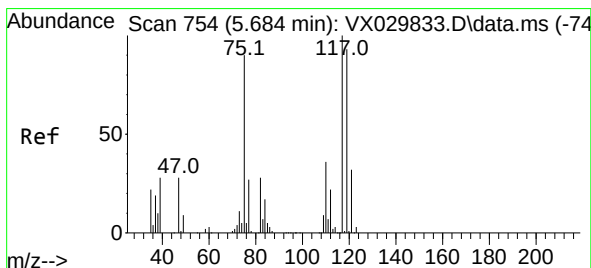
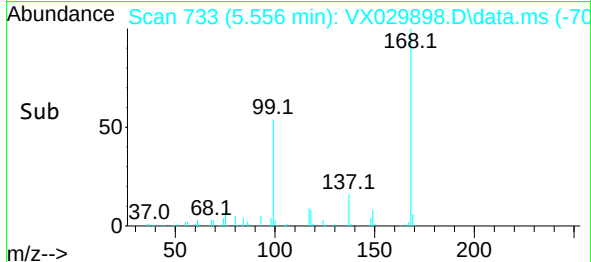
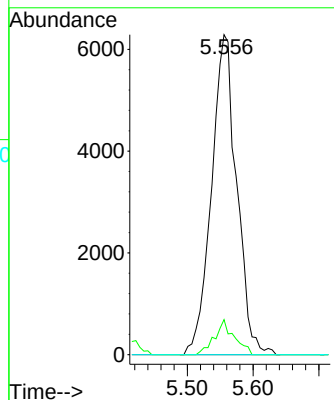
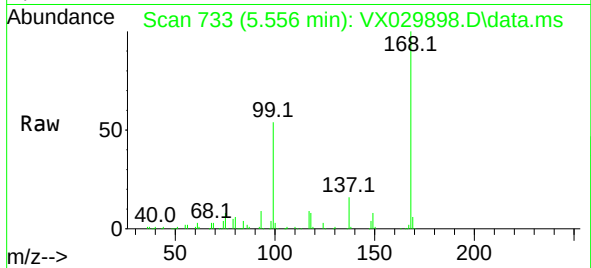




#36
1,1-Dichloropropene
Concen: 5.149 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

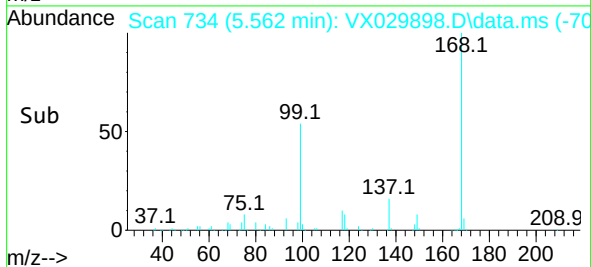
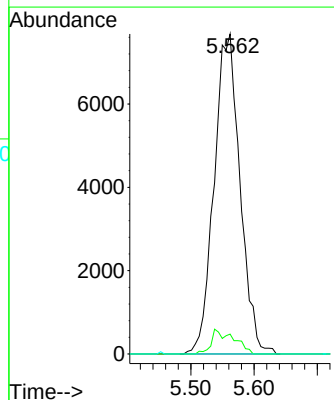
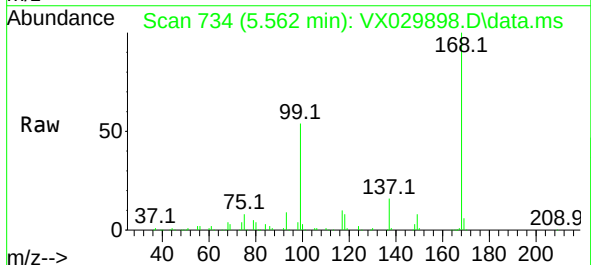
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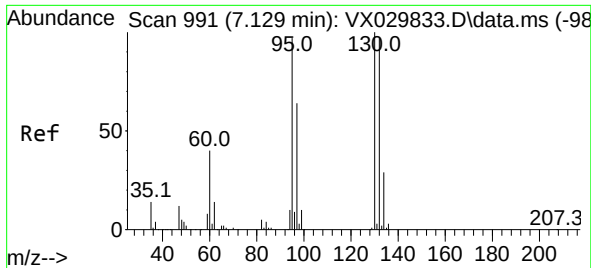
Tgt Ion: 75 Resp: 16796
Ion Ratio Lower Upper
75 100
110 8.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.721 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

Tgt Ion: 117 Resp: 21825
Ion Ratio Lower Upper
117 100
119 6.2 74.1 111.1#
121 0.0 25.8 38.8#

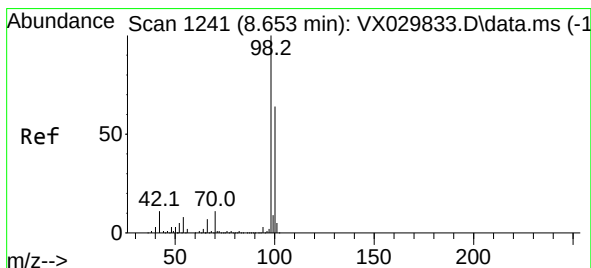
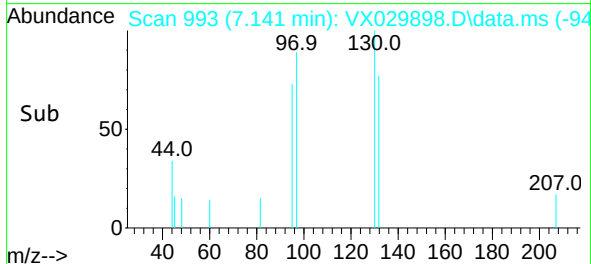
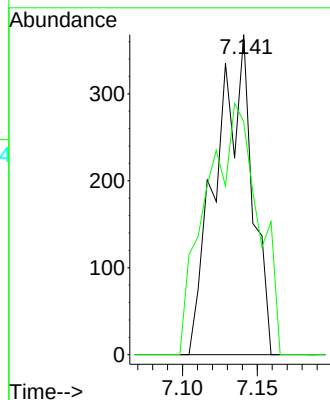
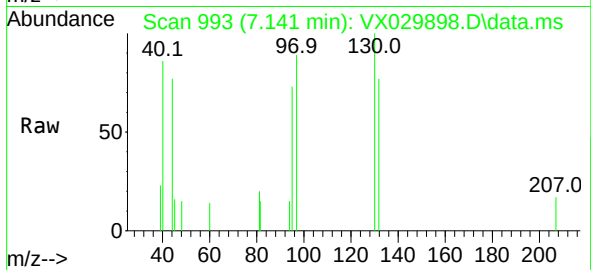




#44
Trichloroethene
Concen: 0.215 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

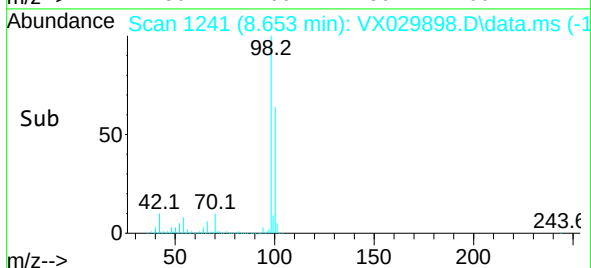
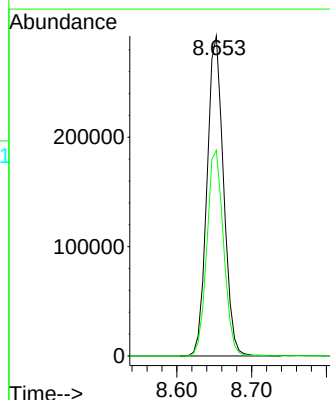
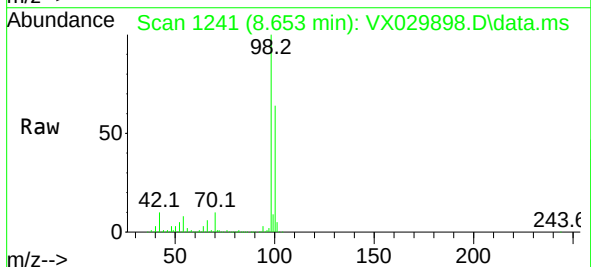
Instrument :
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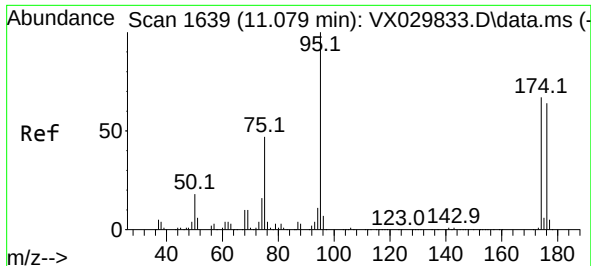
Tgt Ion:130 Resp: 610
Ion Ratio Lower Upper
130 100
95 72.8 0.0 194.8



#50
Toluene-d8
Concen: 48.815 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

Tgt Ion: 98 Resp: 449169
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 45.209 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029898.D

Acq: 30 Jun 2022 06:47

Instrument :

MSVOA_X

ClientSampleId :

MW-22

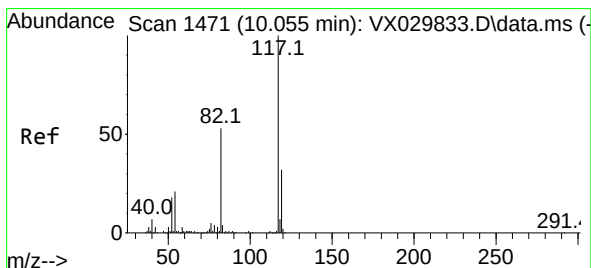
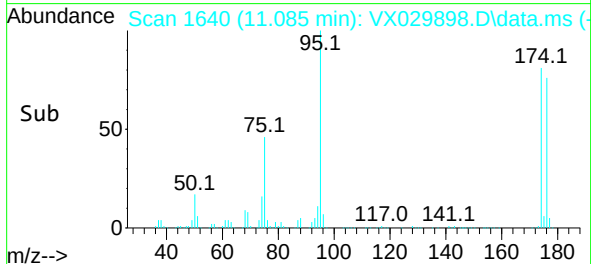
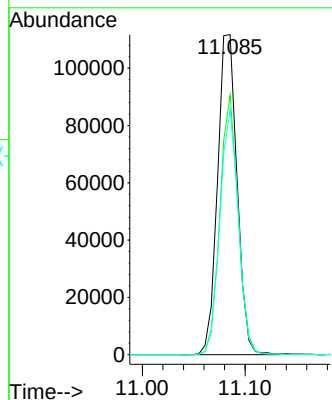
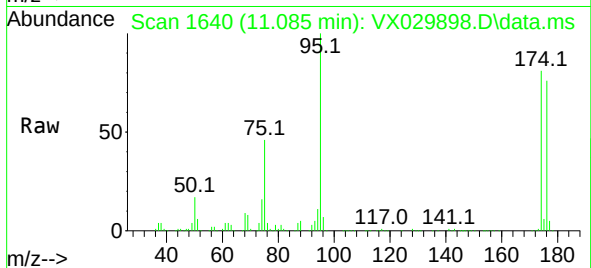
Tgt Ion: 95 Resp: 147046

Ion Ratio Lower Upper

95 100

174 75.5 0.0 149.0

176 72.7 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029898.D

Acq: 30 Jun 2022 06:47

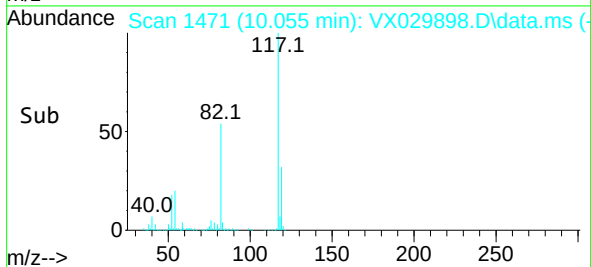
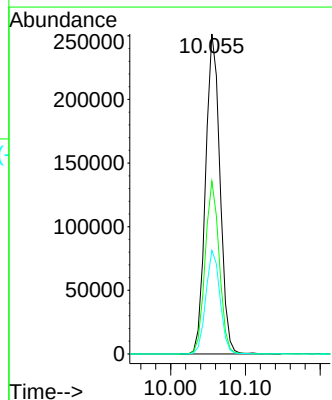
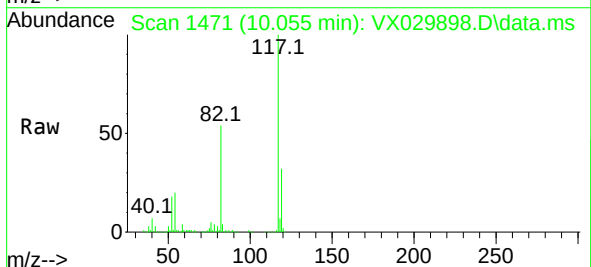
Tgt Ion: 117 Resp: 336486

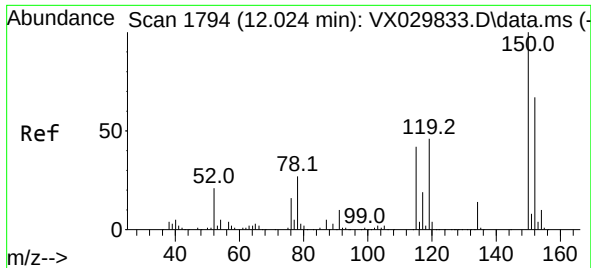
Ion Ratio Lower Upper

117 100

82 53.9 42.7 64.1

119 32.4 25.4 38.2

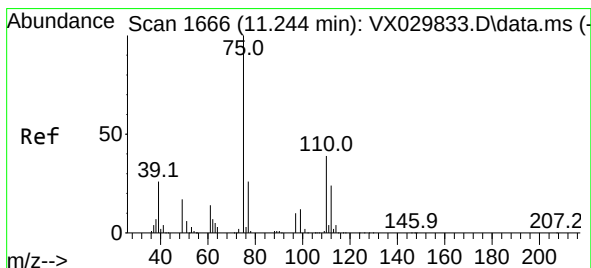
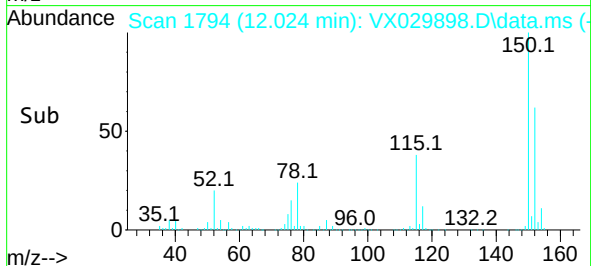
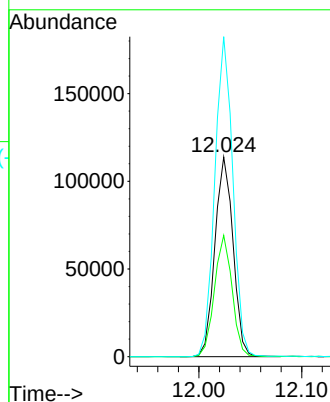
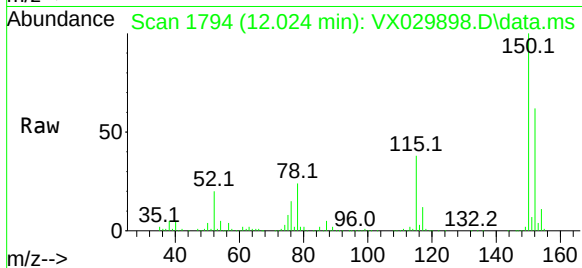




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

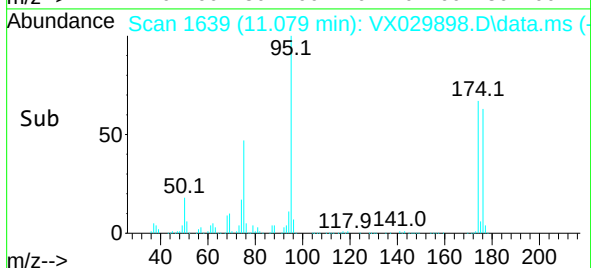
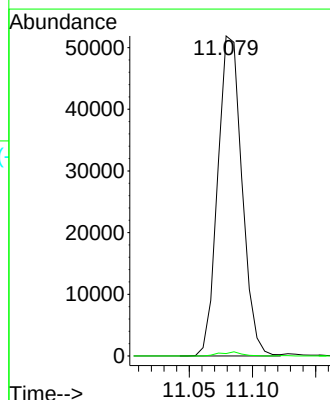
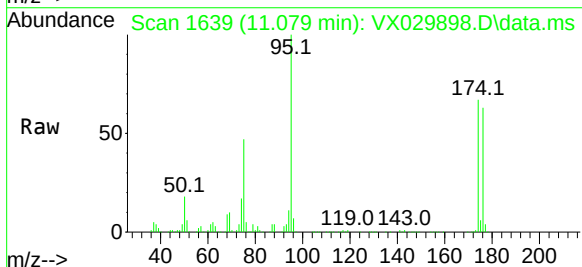
Instrument :
MSVOA_X
ClientSampleId :
MW-22

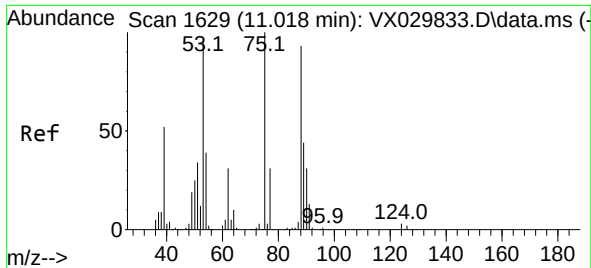
Tgt Ion:152 Resp: 139644
Ion Ratio Lower Upper
152 100
115 59.0 40.5 121.5
150 159.1 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 20.632 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029898.D
Acq: 30 Jun 2022 06:47

Tgt Ion: 75 Resp: 68970
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.522 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029898.D
 Acq: 30 Jun 2022 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Tgt Ion: 75 Resp: 68970
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

