

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030800.D
 Acq On : 26 Aug 2022 03:24
 Operator : JC/MD
 Sample : N4262-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102S

Quant Time: Aug 26 04:57:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

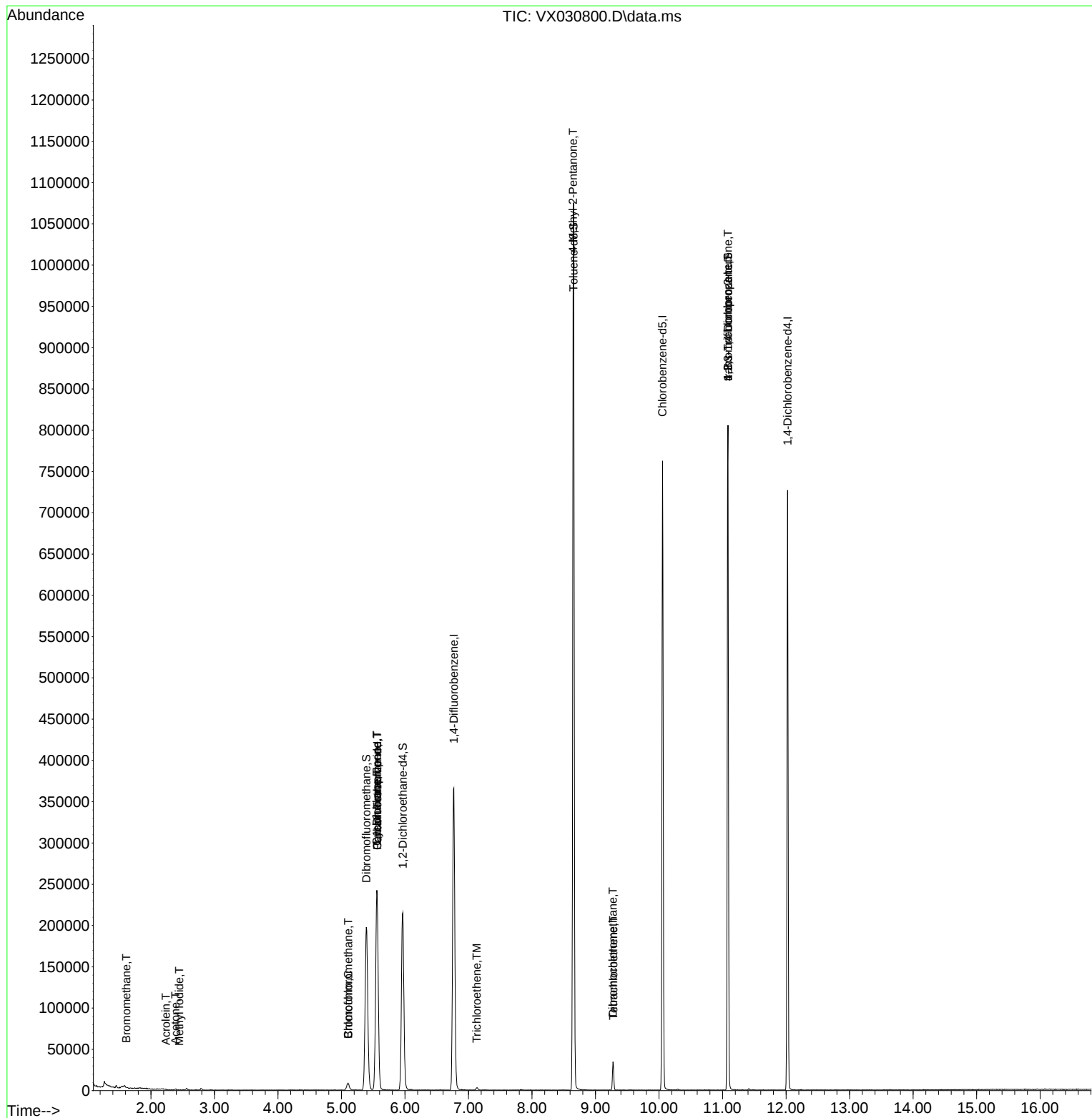
Internal Standards						
1) Pentafluorobenzene	5.562	168	234543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	392818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	209273	75.855	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 151.720%#			
35) Dibromofluoromethane	5.391	113	179251	74.249	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 148.500%#			
50) Toluene-d8	8.653	98	653491	77.679	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 155.360%#			
62) 4-Bromofluorobenzene	11.085	95	220519	70.408	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 140.820%#			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	477	Below Cal	#	42
4) Vinyl Chloride	1.569	62	55	Below Cal	#	74
5) Bromomethane	1.611	94	240	0.220	ug/l	94
6) Chloroethane	1.691	64	157	Below Cal	#	41
10) Methyl Iodide	2.447	142	115	4.085	ug/l	# 45
13) Acrolein	2.233	56	43	10.130	ug/l	# 68
16) Acetone	2.386	43	1399	1.097	ug/l	92
17) Carbon Disulfide	2.501	76	229	Below Cal	#	74
20) Methylene Chloride	2.782	84	856	Below Cal	#	78
28) Bromochloromethane	5.105	49	916	0.475	ug/l	# 12
30) Chloroform	5.105	83	10161	2.155	ug/l	91
31) Cyclohexane	5.556	56	4316	1.223	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	17491	5.321	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	24149	6.964	ug/l	# 17
44) Trichloroethene	7.129	130	1330	0.468	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	2753	0.696	ug/l	# 1
60) Dibromochloromethane	9.275	129	6875	2.417	ug/l	# 11
64) Tetrachloroethene	9.281	164	6408	2.326	ug/l	89
76) 1,2,3-Trichloropropane	11.085	75	108263	32.820	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	108263	105.893	ug/l	# 13

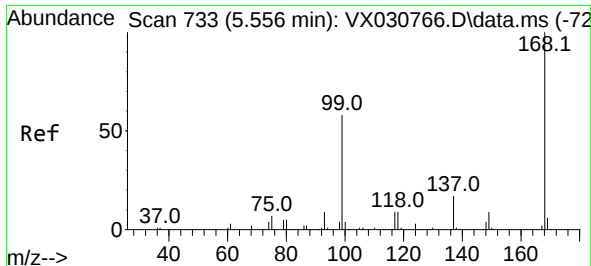
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-102S

Quant Time: Aug 26 04:57:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration

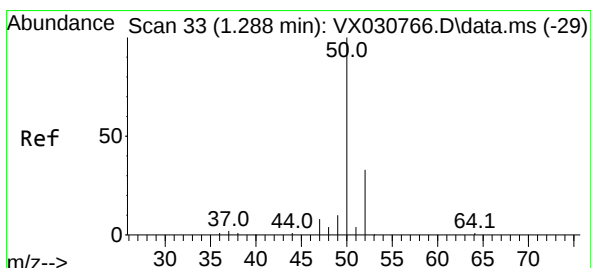
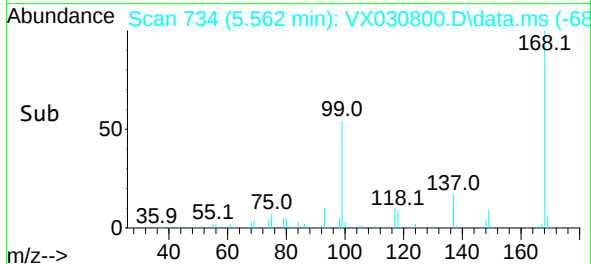
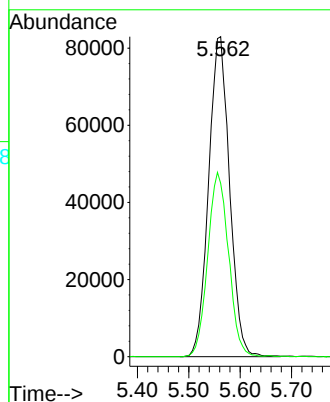
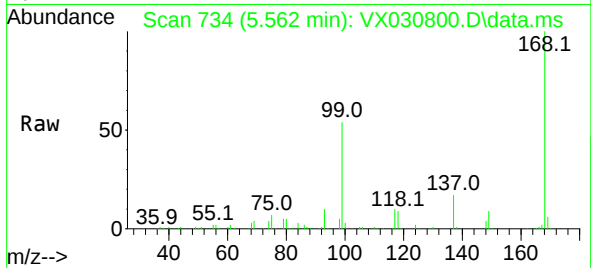




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

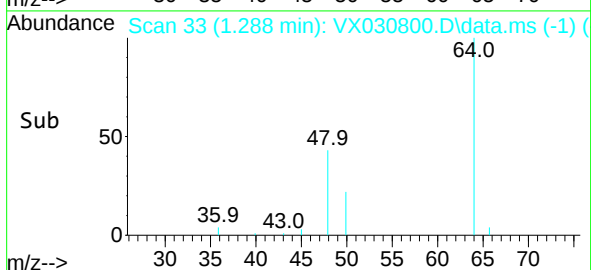
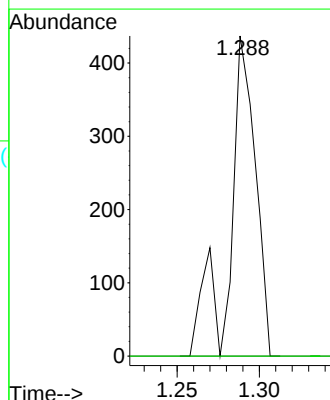
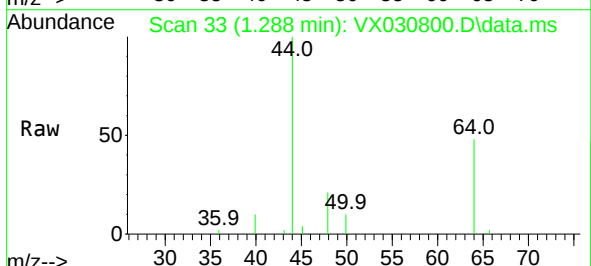
Instrument :
MSVOA_X
ClientSampleId :
MW-102S

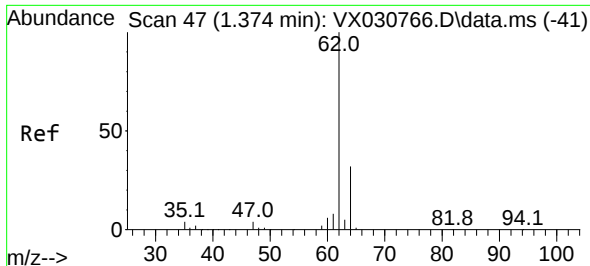
Tgt Ion:168 Resp: 234543
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

Tgt Ion: 50 Resp: 477
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

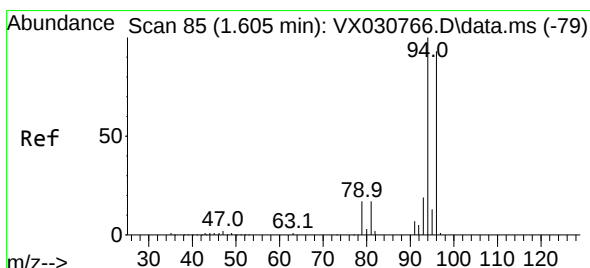
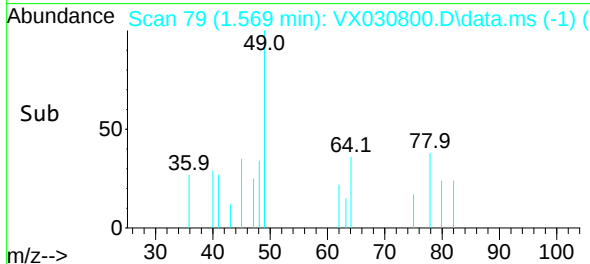
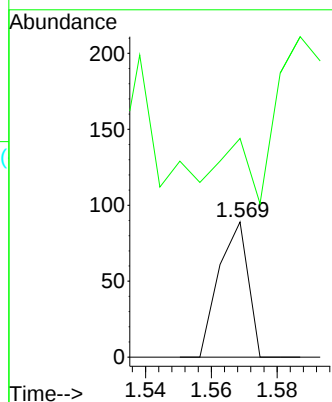
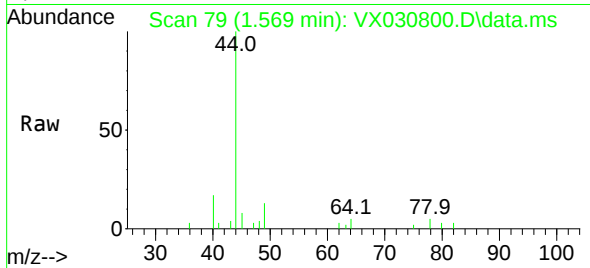




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.569 min Scan# 79
 Delta R.T. 0.195 min
 Lab File: VX030800.D
 Acq: 26 Aug 2022 03:24

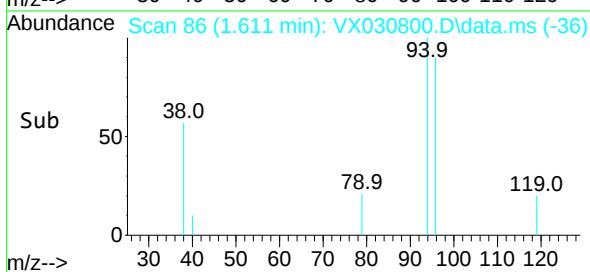
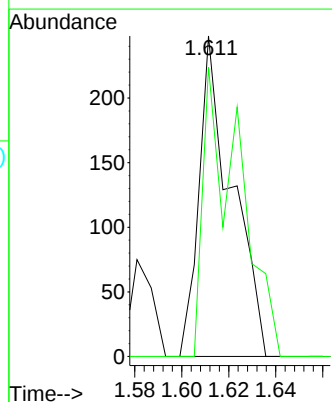
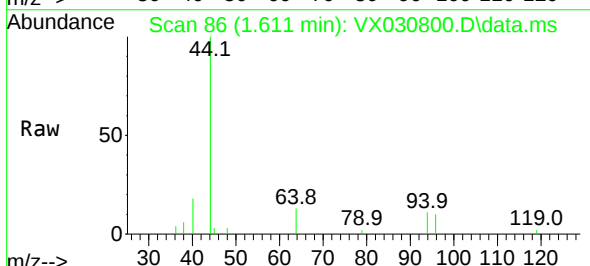
Instrument :
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 ClientSampleId :
 MW-102S

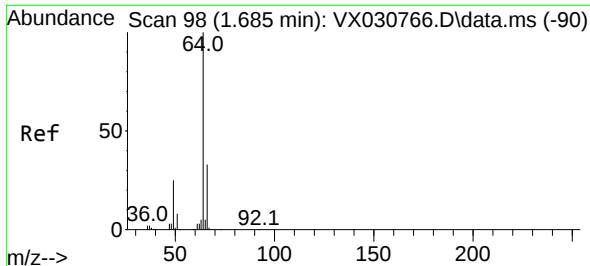
Tgt Ion: 62 Resp: 55
 Ion Ratio Lower Upper
 62 100
 64 16.9 25.2 37.8#



#5
 Bromomethane
 Concen: 0.220 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX030800.D
 Acq: 26 Aug 2022 03:24

Tgt Ion: 94 Resp: 240
 Ion Ratio Lower Upper
 94 100
 96 90.3 76.9 115.3

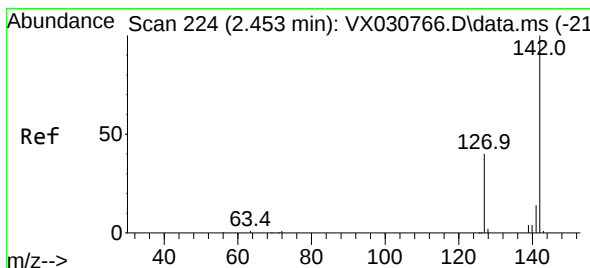
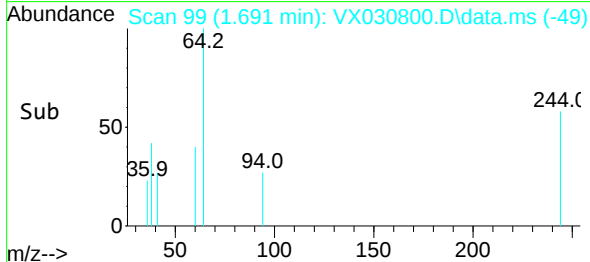
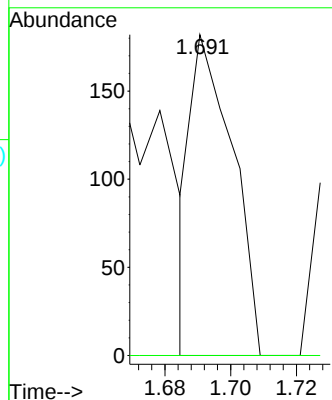
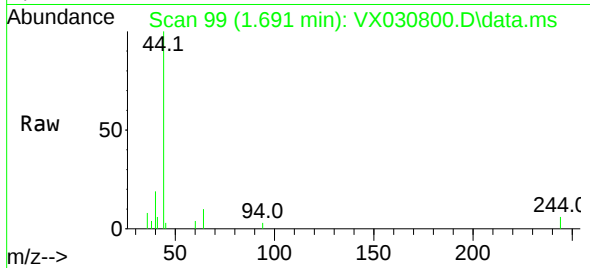




#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

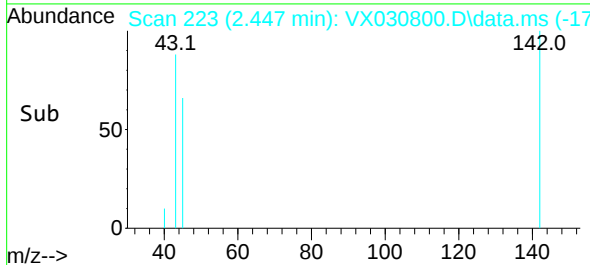
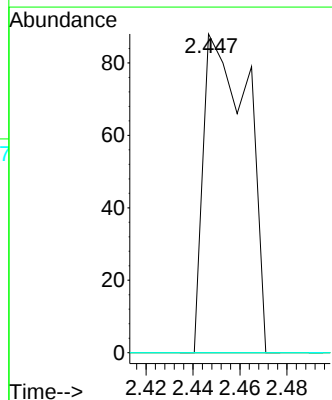
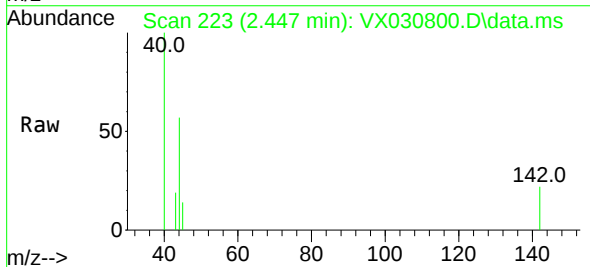
Instrument :
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ClientSampleId :
MW-102S

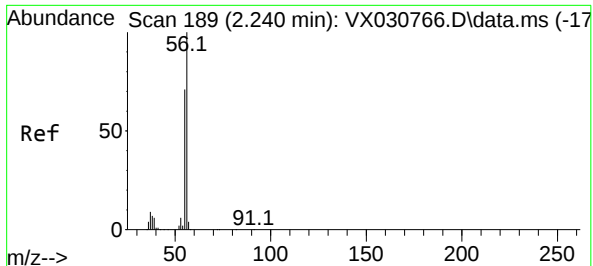
Tgt Ion: 64 Resp: 157
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.085 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

Tgt Ion: 142 Resp: 115
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

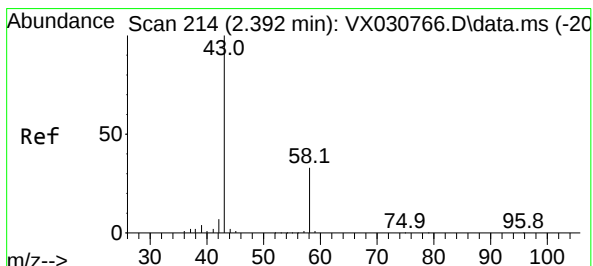
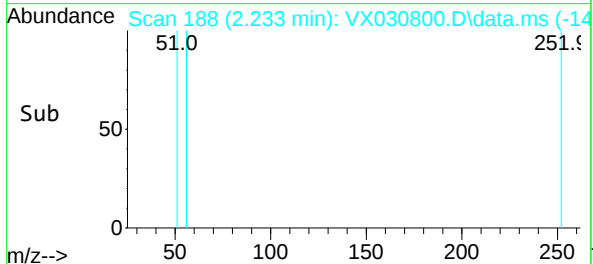
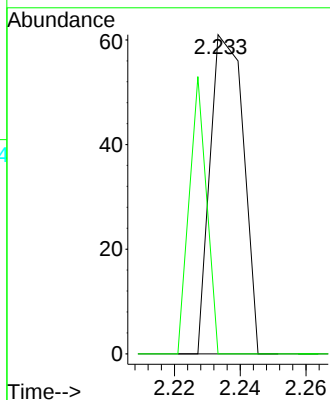
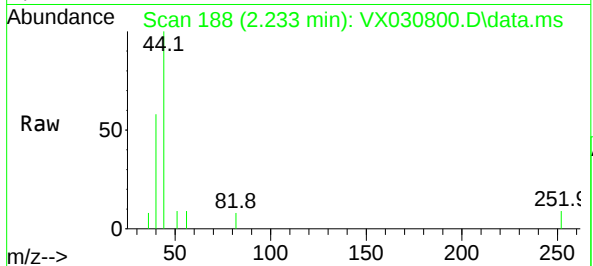




#13
Acrolein
Concen: 10.130 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

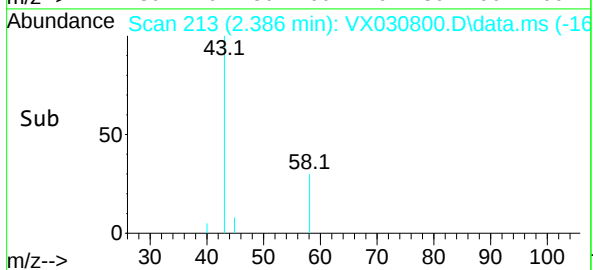
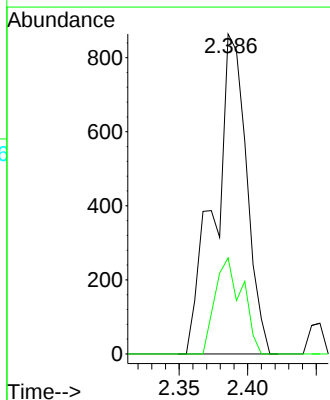
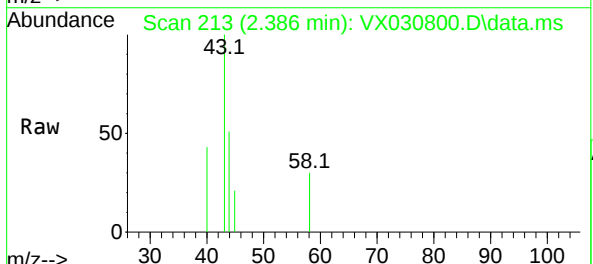
Instrument :
MSVOA_X
ClientSampleId :
MW-102S

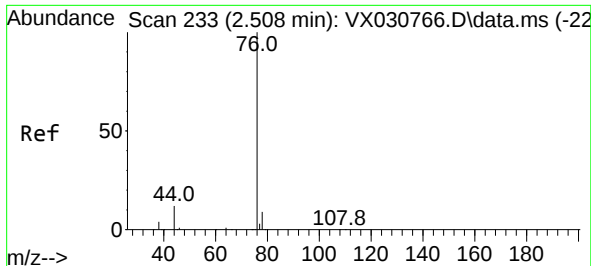
Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 44.2 56.6 84.8#



#16
Acetone
Concen: 1.097 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
58 30.0 27.7 41.5





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.501 min Scan# 21

Delta R.T. -0.007 min

Lab File: VX030800.D

Acq: 26 Aug 2022 03:24

Instrument :

MSVOA_X

ClientSampleId :

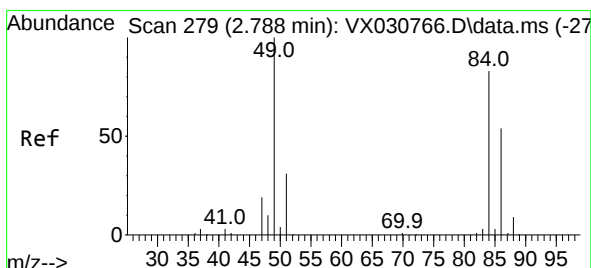
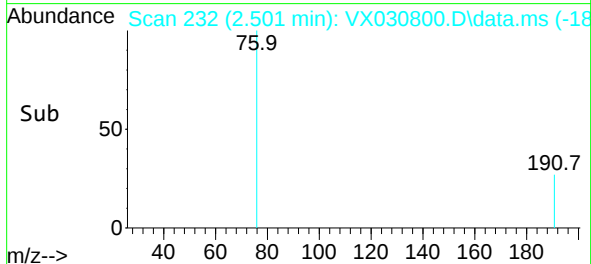
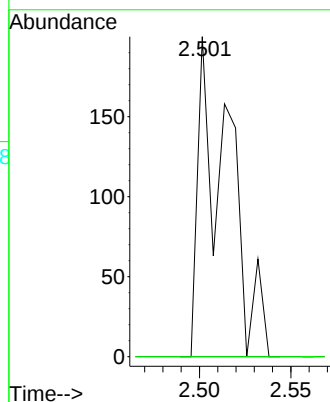
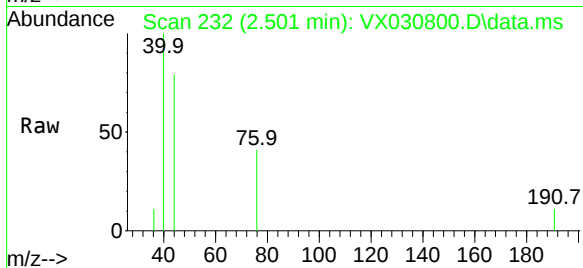
MW-102S

Tgt Ion: 76 Resp: 229

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX030800.D

Acq: 26 Aug 2022 03:24

Tgt Ion: 84 Resp: 856

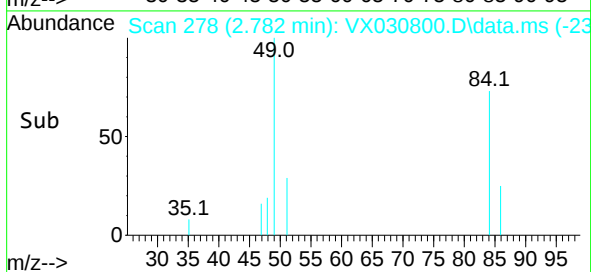
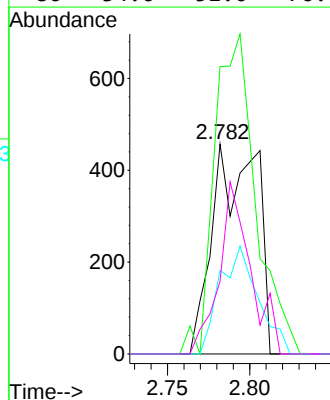
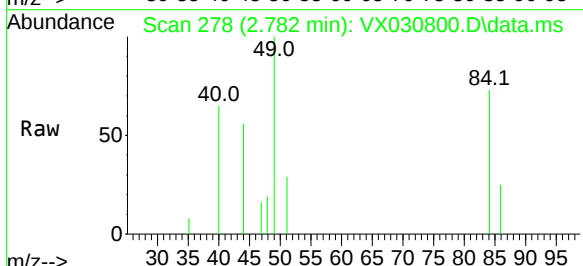
Ion Ratio Lower Upper

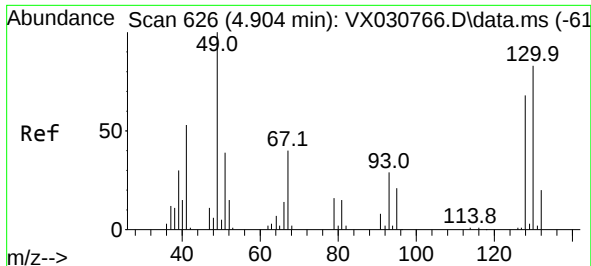
84 100

49 137.0 93.8 140.6

51 39.8 29.4 44.0

86 34.6 51.0 76.4#

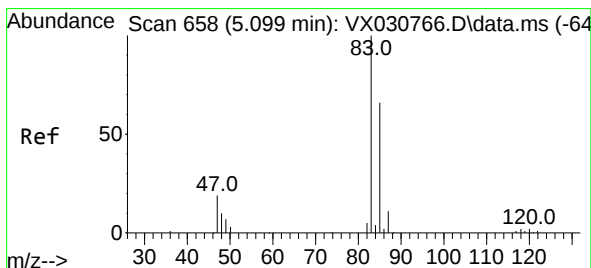
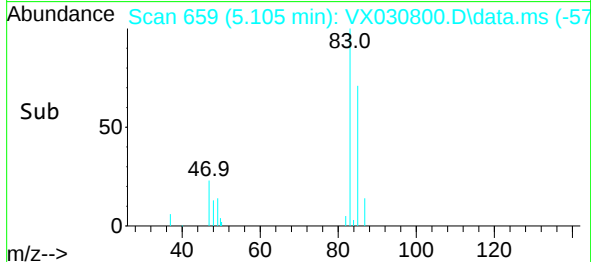
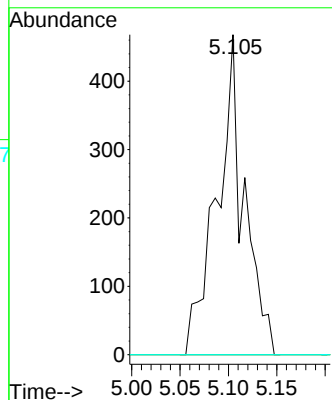
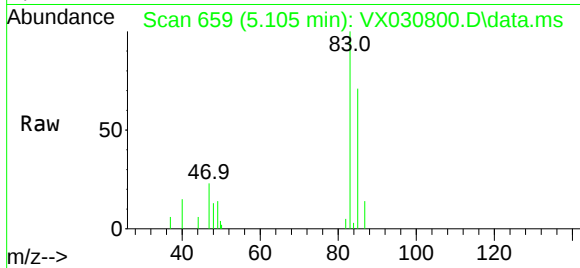




#28
Bromochloromethane
Concen: 0.475 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.201 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

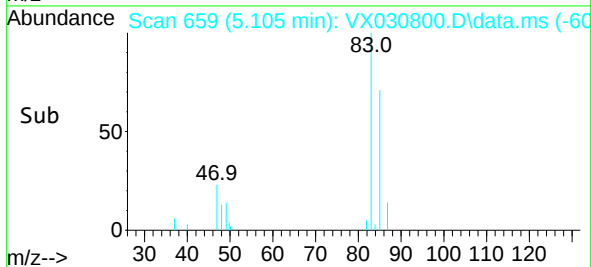
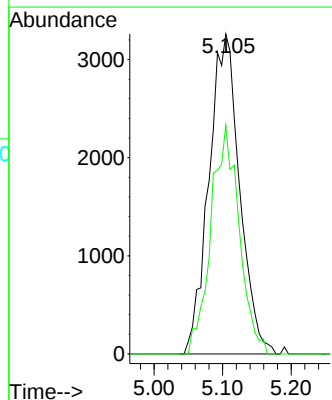
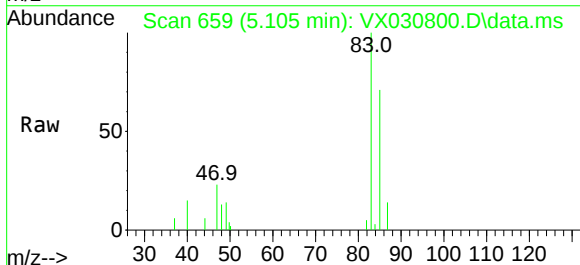
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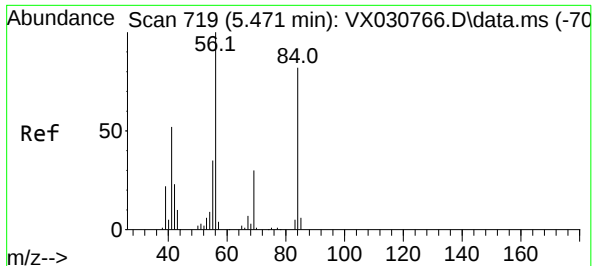
Tgt Ion: 49 Resp: 916
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 62.8 94.2#



#30
Chloroform
Concen: 2.155 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

Tgt Ion: 83 Resp: 10161
Ion Ratio Lower Upper
83 100
85 71.4 51.5 77.3

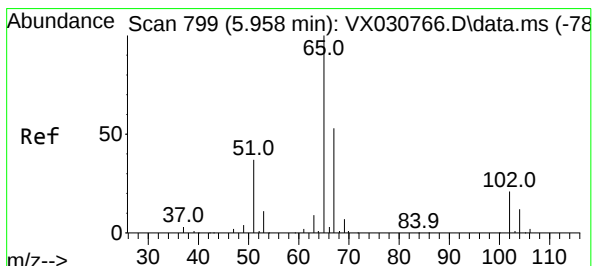
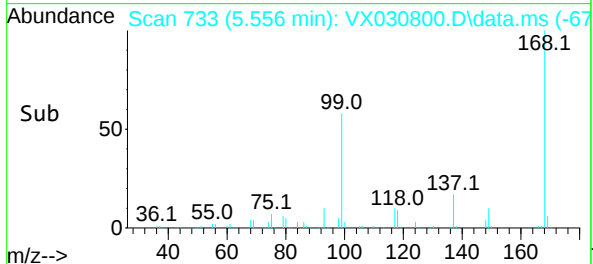
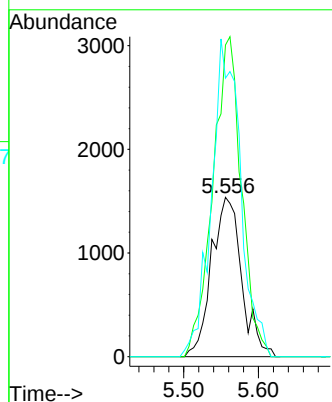
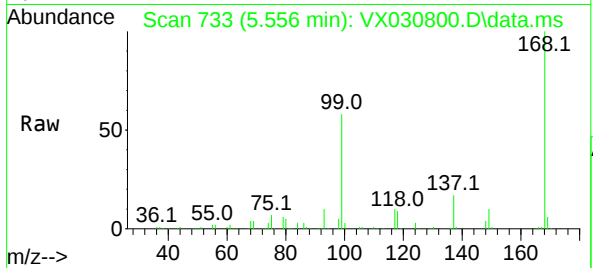




#31
Cyclohexane
Concen: 1.223 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

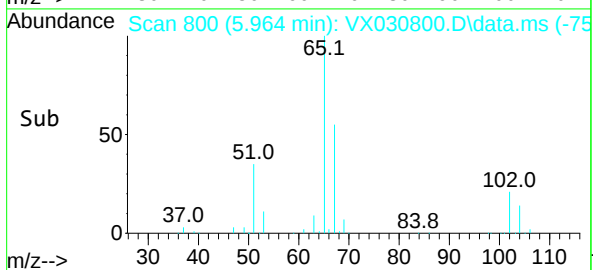
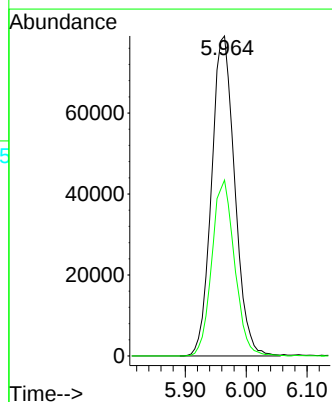
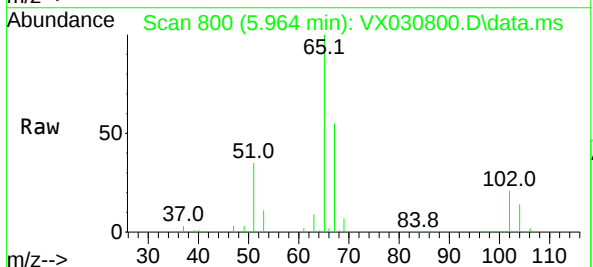
Instrument :
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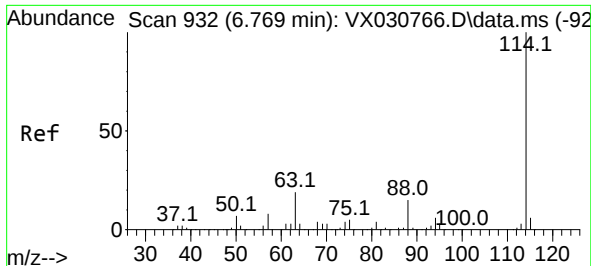
Tgt Ion: 56 Resp: 4316
Ion Ratio Lower Upper
56 100
69 195.6 25.4 38.0#
84 174.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 75.855 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

Tgt Ion: 65 Resp: 209273
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6

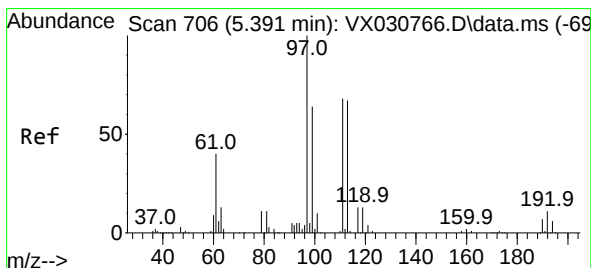
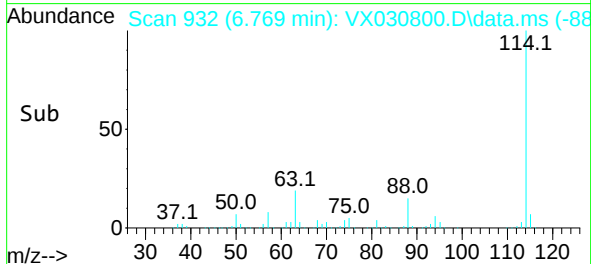
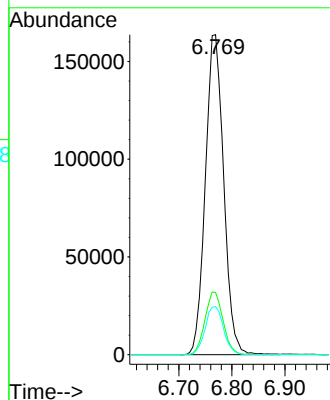
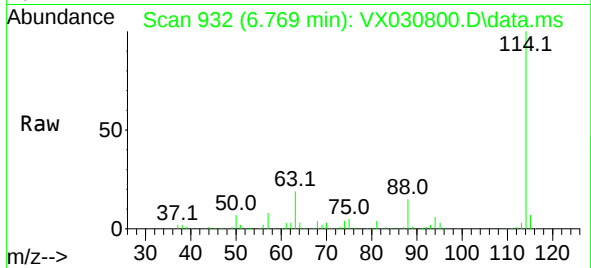




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

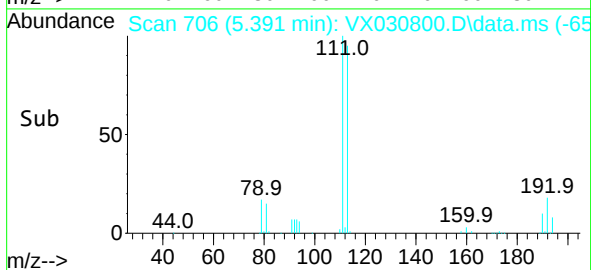
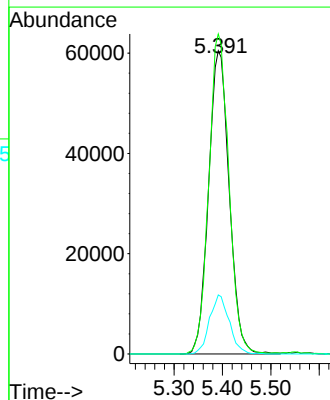
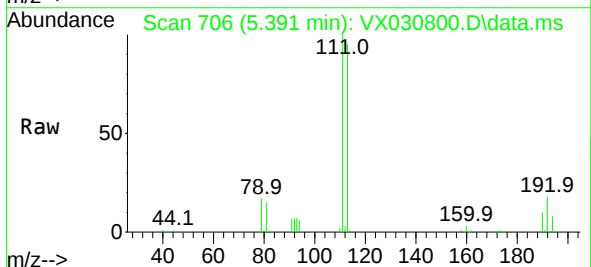
Instrument :
MSVOA_X
ClientSampleId :
MW-102S

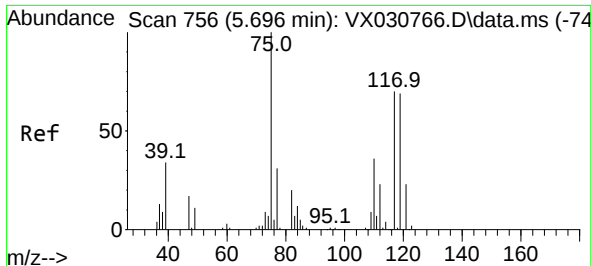
Tgt Ion:114 Resp: 392818
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 74.249 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

Tgt Ion:113 Resp: 179251
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 18.5 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.321 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX030800.D

Acq: 26 Aug 2022 03:24

Instrument :

MSVOA_X

ClientSampleId :

MW-102S

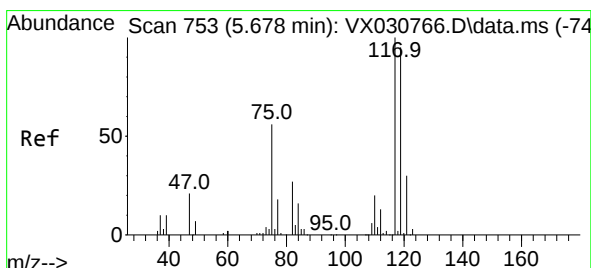
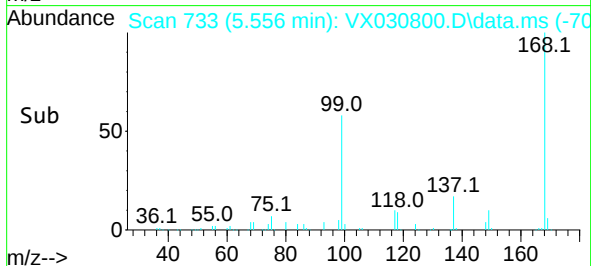
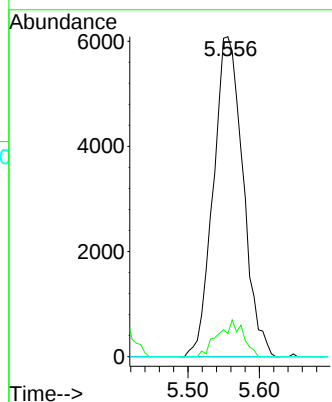
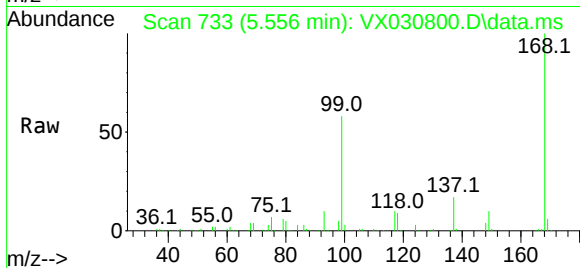
Tgt Ion: 75 Resp: 17491

Ion Ratio Lower Upper

75 100

110 9.7 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.964 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX030800.D

Acq: 26 Aug 2022 03:24

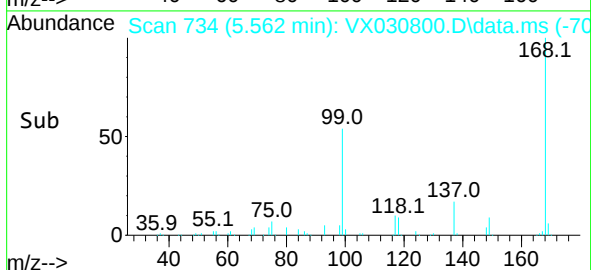
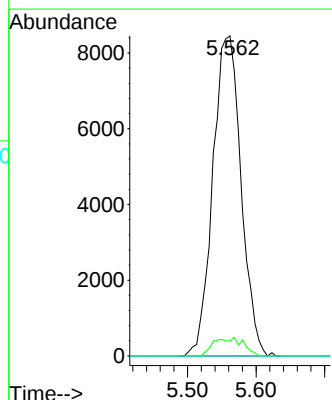
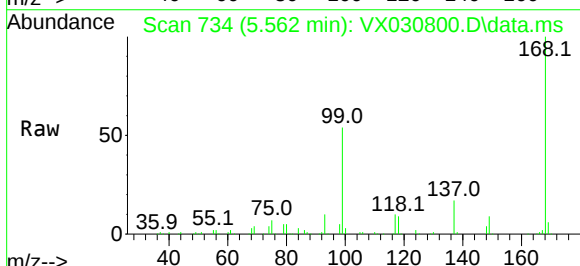
Tgt Ion: 117 Resp: 24149

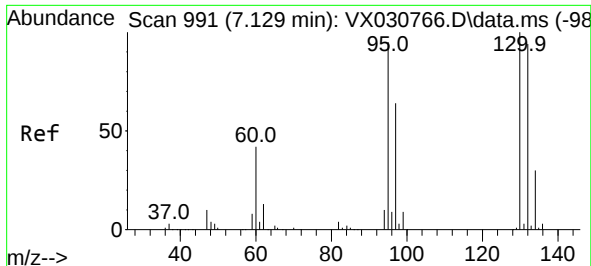
Ion Ratio Lower Upper

117 100

119 4.7 74.1 111.1#

121 0.0 25.8 38.8#

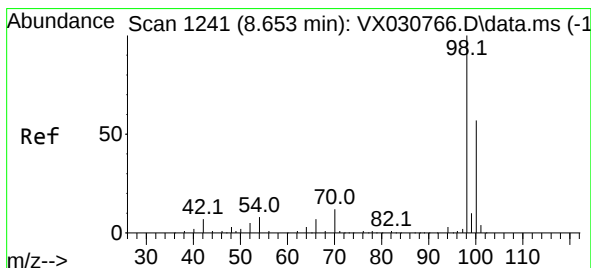
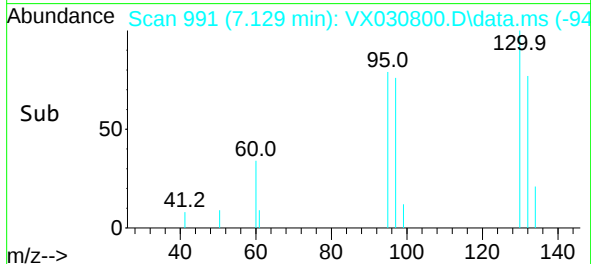
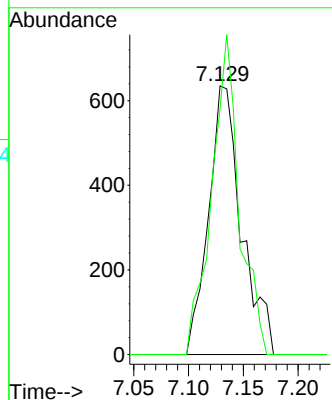
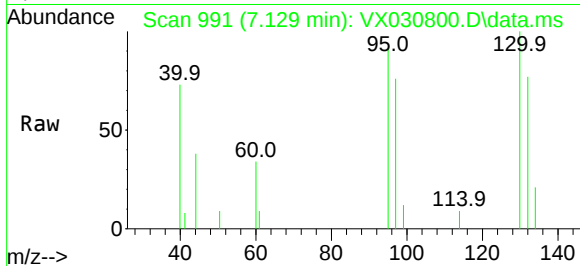




#44
Trichloroethene
Concen: 0.468 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

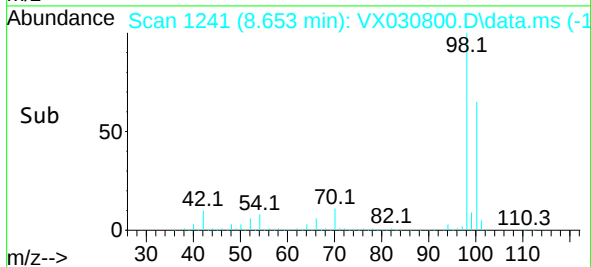
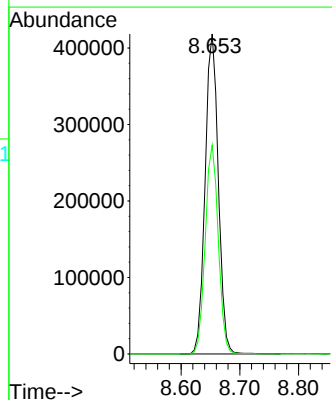
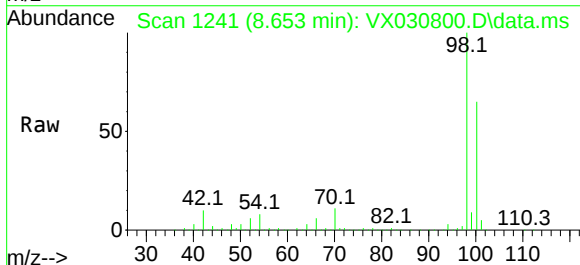
Instrument :
MSVOA_X
ClientSampleId :
MW-102S

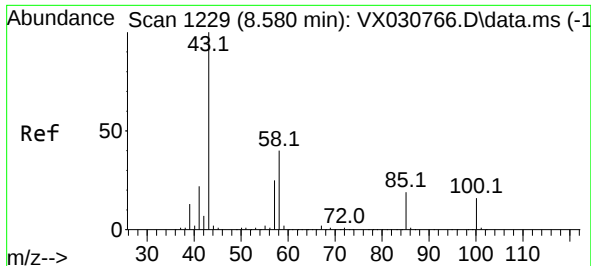
Tgt Ion:130 Resp: 1330
Ion Ratio Lower Upper
130 100
95 91.3 0.0 194.8



#50
Toluene-d8
Concen: 77.679 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

Tgt Ion: 98 Resp: 653491
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

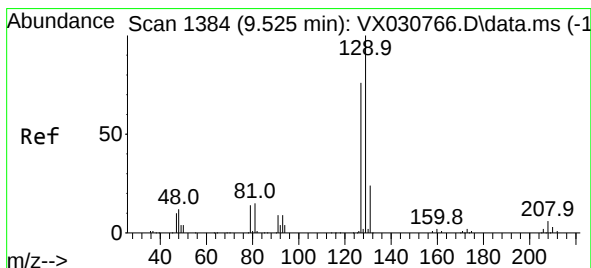
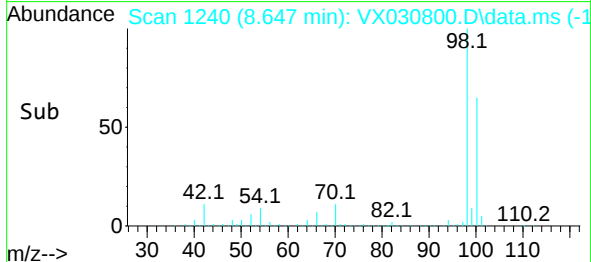
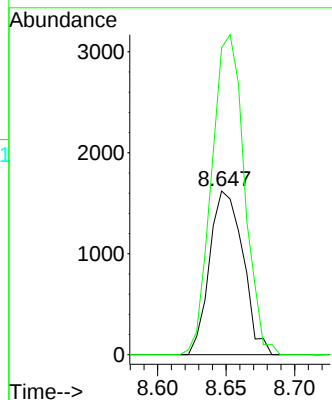
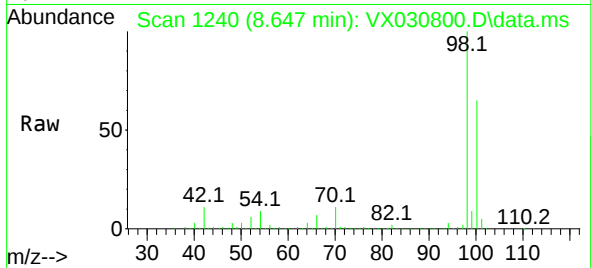




#51
4-Methyl-2-Pentanone
Concen: 0.696 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

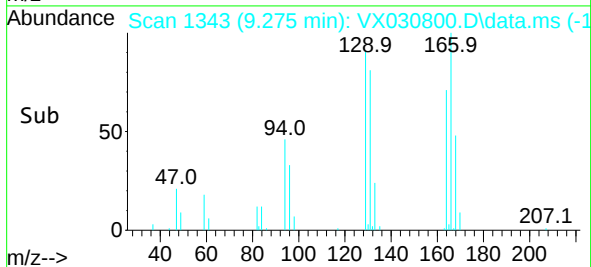
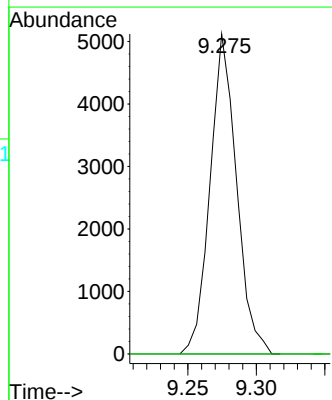
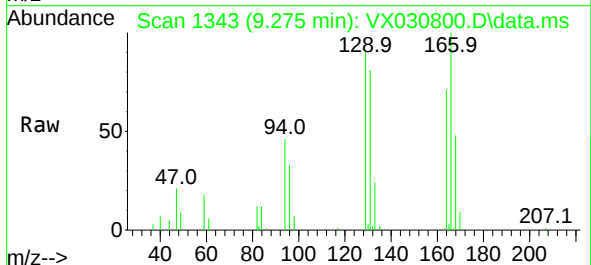
Instrument :
MSVOA_X
ClientSampleId :
MW-102S

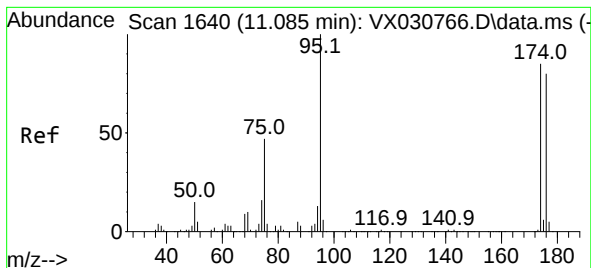
Tgt Ion: 43 Resp: 2753
Ion Ratio Lower Upper
43 100
58 191.3 31.4 47.2#



#60
Dibromochloromethane
Concen: 2.417 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

Tgt Ion: 129 Resp: 6875
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

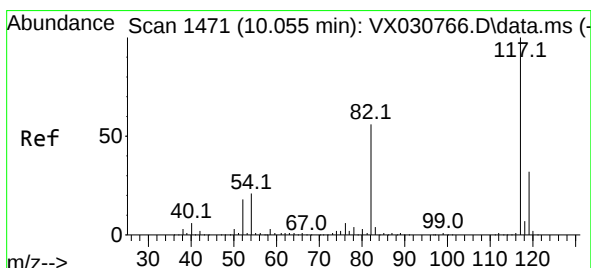
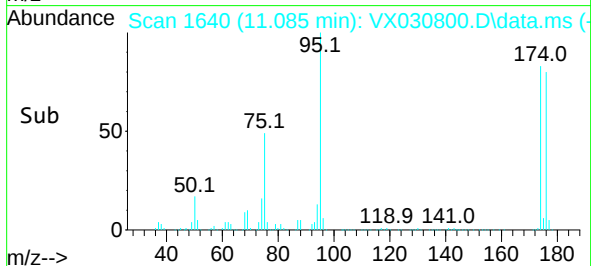
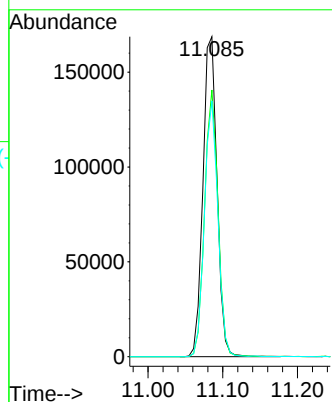
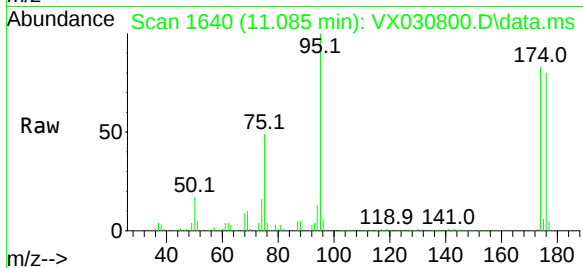




#62
4-Bromofluorobenzene
Concen: 70.408 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

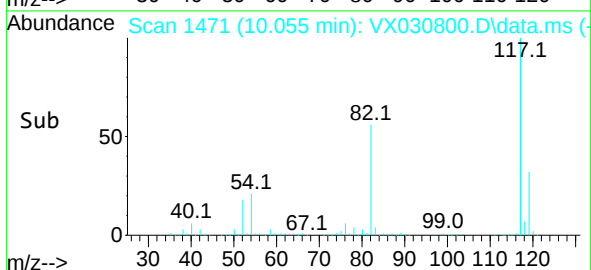
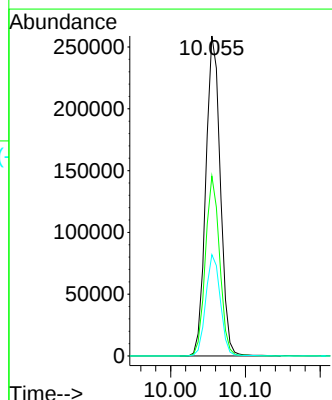
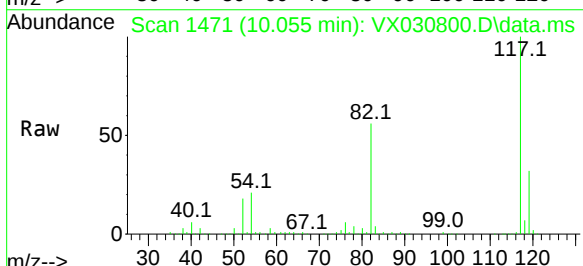
Instrument :
MSVOA_X
ClientSampleId :
MW-102S

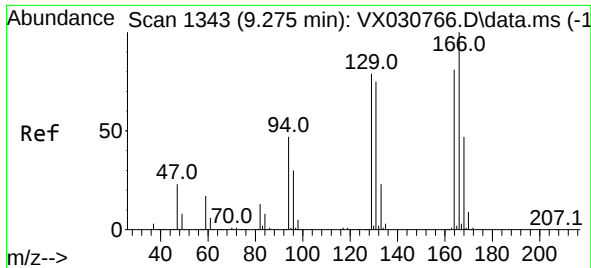
Tgt Ion: 95 Resp: 220519
Ion Ratio Lower Upper
95 100
174 79.6 0.0 149.0
176 76.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

Tgt Ion: 117 Resp: 349753
Ion Ratio Lower Upper
117 100
82 56.2 42.7 64.1
119 31.7 25.4 38.2



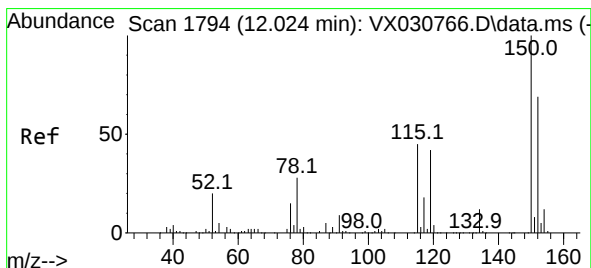
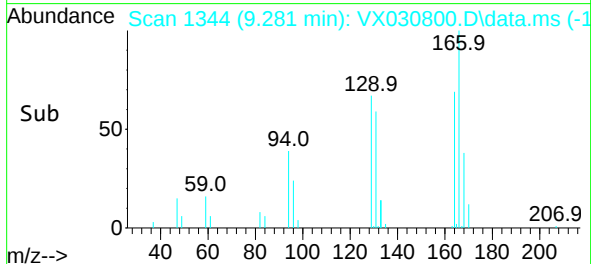
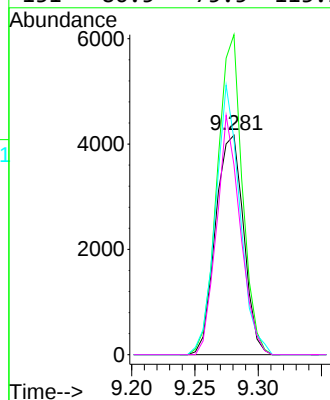
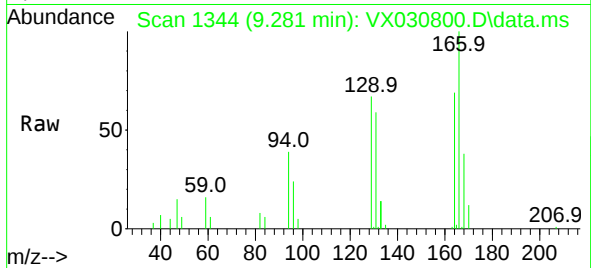


#64
Tetrachloroethene
Concen: 2.326 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

Instrument :
MSVOA_X
ClientSampleId :
MW-102S

Tgt Ion:164 Resp: 6408

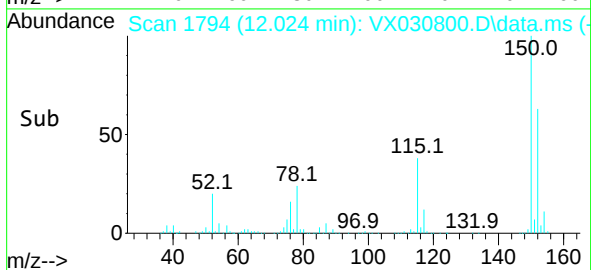
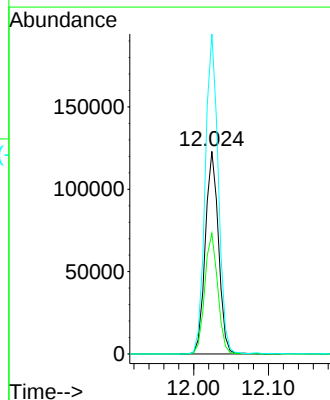
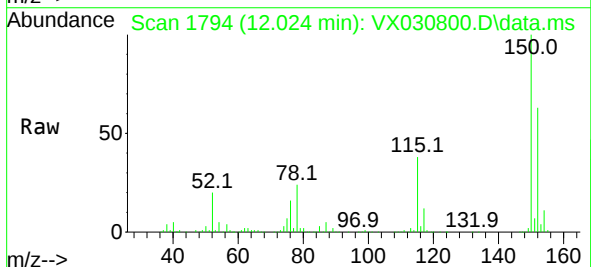
Ion	Ratio	Lower	Upper
164	100		
166	145.8	98.2	147.4
129	98.0	80.8	121.2
131	86.5	75.5	113.3

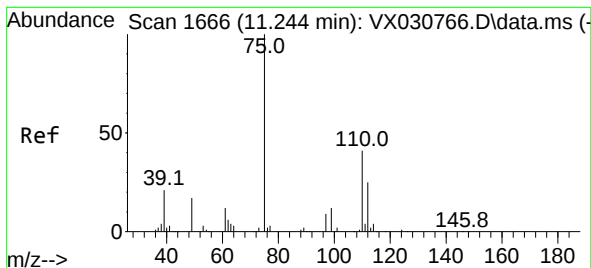


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030800.D
Acq: 26 Aug 2022 03:24

Tgt Ion:152 Resp: 150563

Ion	Ratio	Lower	Upper
152	100		
115	58.6	40.5	121.5
150	155.9	0.0	347.0





#76

1,2,3-Trichloropropane

Concen: 32.820 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX030800.D

Acq: 26 Aug 2022 03:24

Instrument :

MSVOA_X

ClientSampleId :

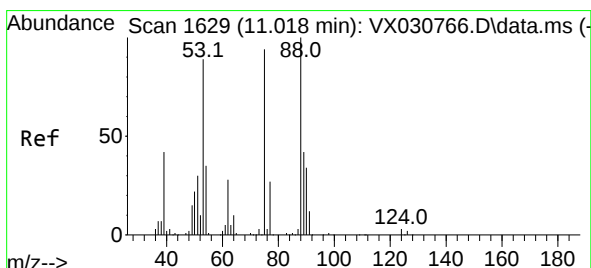
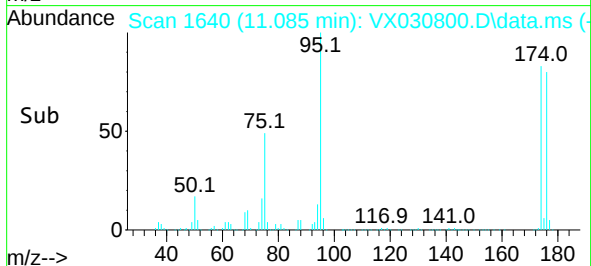
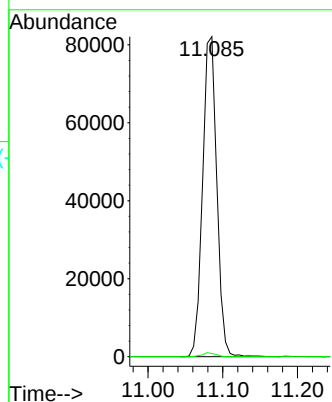
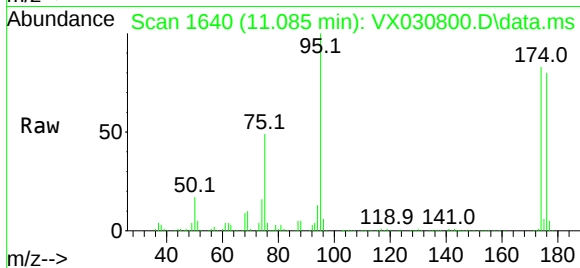
MW-102S

Tgt Ion: 75 Resp: 108263

Ion Ratio Lower Upper

75 100

77 1.2 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 105.893 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX030800.D

Acq: 26 Aug 2022 03:24

Tgt Ion: 75 Resp: 108263

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

