

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044215.D
 Acq On : 10 Dec 2024 17:57
 Operator : JC/MD
 Sample : P5246-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW7-20241209

Quant Time: Dec 11 01:39:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

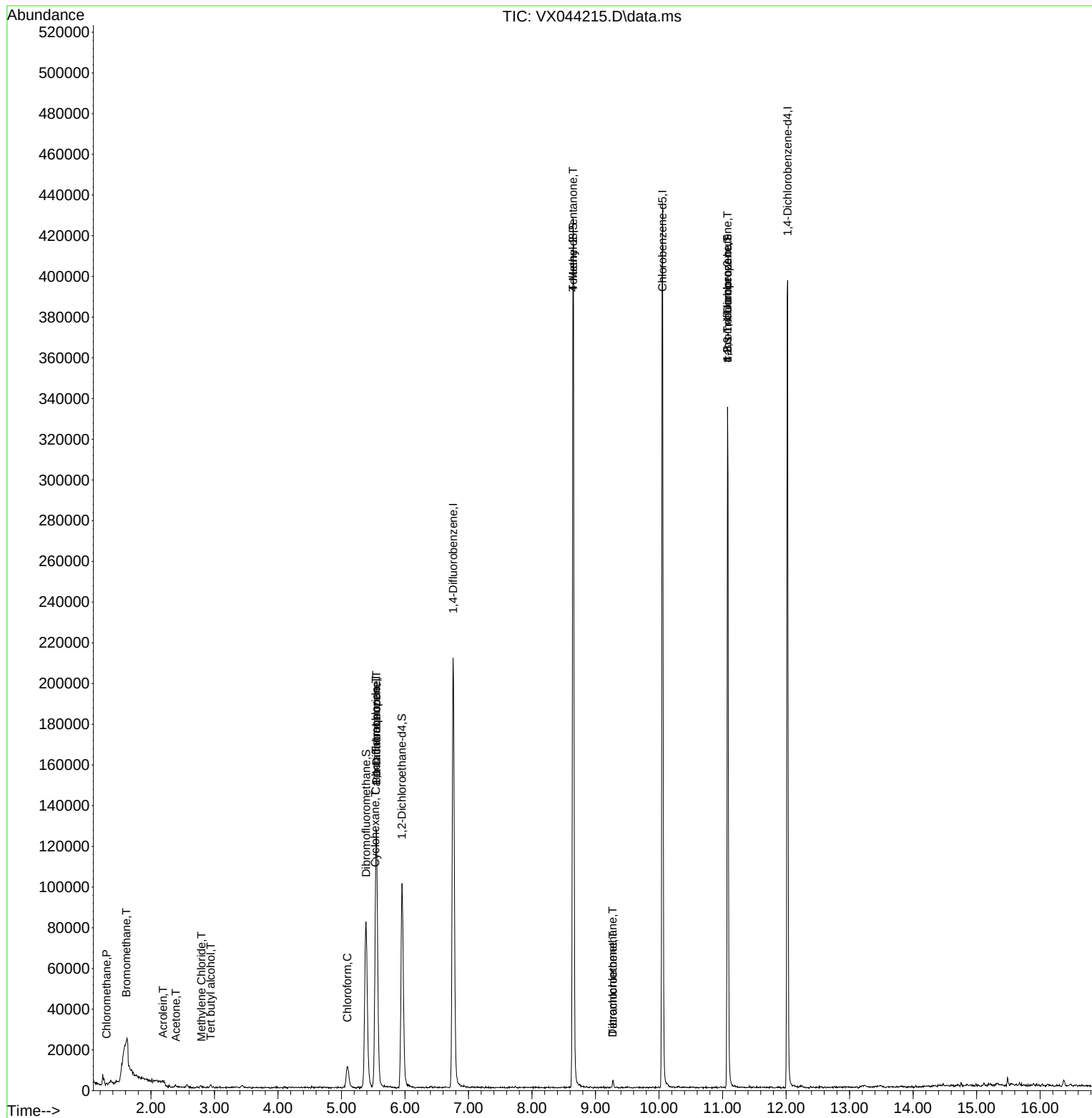
Internal Standards						
1) Pentafluorobenzene	5.549	168	107458	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	207402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97507	52.904	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.800%			
35) Dibromofluoromethane	5.385	113	69956	47.204	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.400%			
50) Toluene-d8	8.646	98	254455	49.809	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.620%			
62) 4-Bromofluorobenzene	11.079	95	86650	49.839	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.680%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	493	0.344	ug/l #	87
5) Bromomethane	1.611	94	238	0.254	ug/l #	72
11) Tert butyl alcohol	2.940	59	396	1.339	ug/l #	73
13) Acrolein	2.190	56	80	0.257	ug/l	97
16) Acetone	2.391	43	967	1.142	ug/l #	83
20) Methylene Chloride	2.794	84	469	0.326	ug/l #	75
30) Chloroform	5.092	83	13000	4.843	ug/l	94
31) Cyclohexane	5.531	56	3207	1.561	ug/l #	65
36) 1,1-Dichloropropene	5.549	75	10657	5.771	ug/l #	50
38) Carbon Tetrachloride	5.543	117	12659	6.101	ug/l #	18
51) 4-Methyl-2-Pentanone	8.646	43	1205	0.541	ug/l #	1
60) Dibromochloromethane	9.268	129	597	0.419	ug/l #	11
64) Tetrachloroethene	9.274	164	531	0.435	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	50850	29.448	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	50850	80.355	ug/l #	6

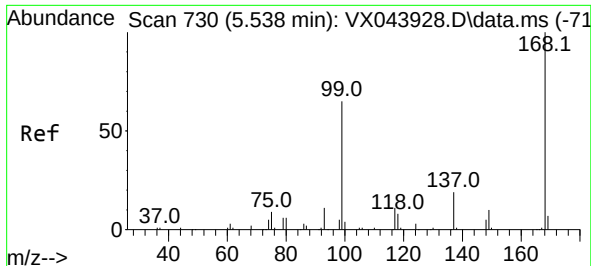
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. 0.011 min

Lab File: VX044215.D

Acq: 10 Dec 2024 17:57

Instrument :

MSVOA_X

ClientSampleId :

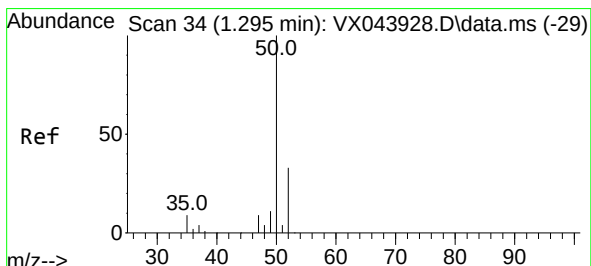
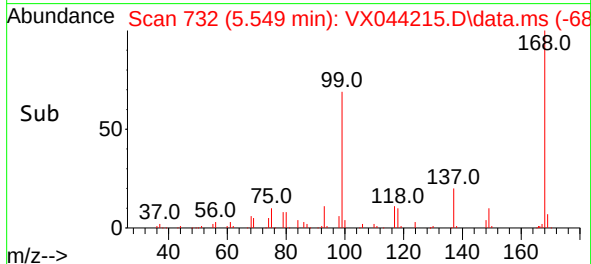
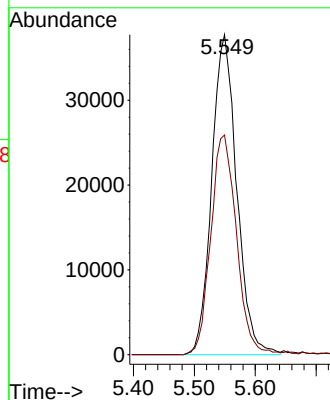
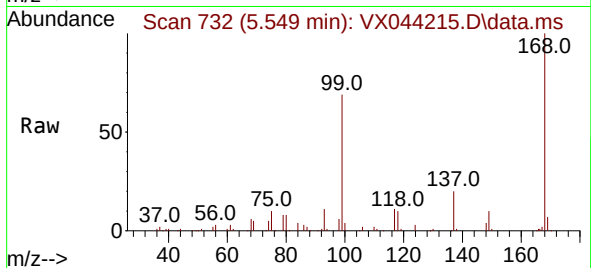
MW7-20241209

Tgt Ion:168 Resp: 107458

Ion Ratio Lower Upper

168 100

99 68.6 51.8 77.8



#3

Chloromethane

Concen: 0.344 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.006 min

Lab File: VX044215.D

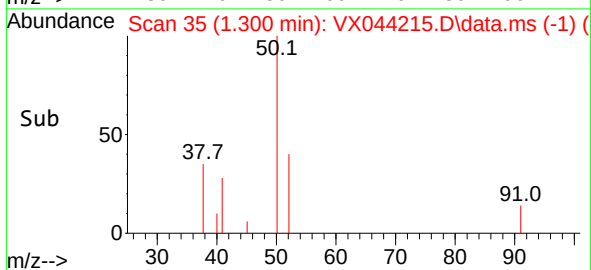
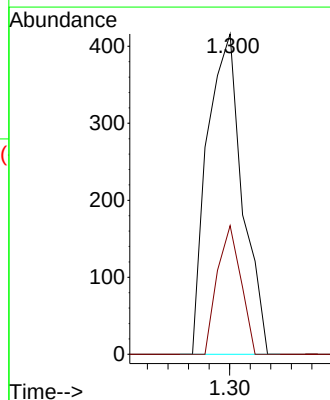
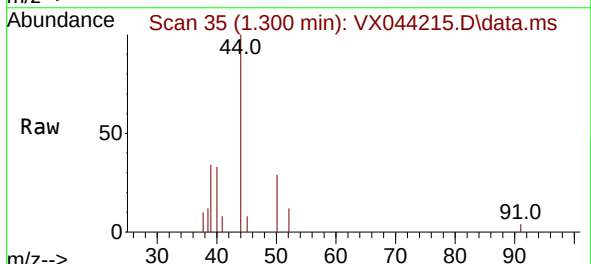
Acq: 10 Dec 2024 17:57

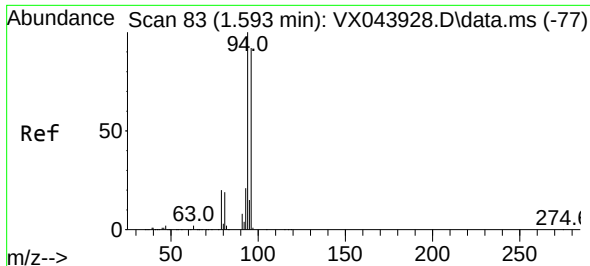
Tgt Ion: 50 Resp: 493

Ion Ratio Lower Upper

50 100

52 40.1 26.1 39.1#

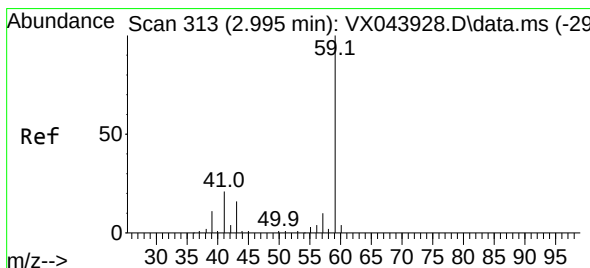
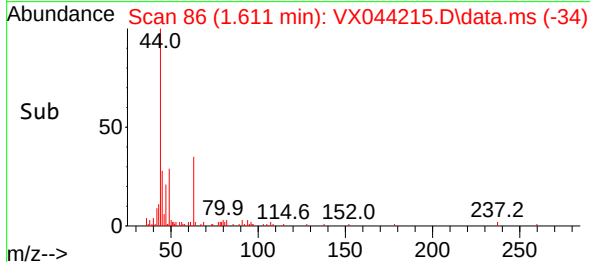
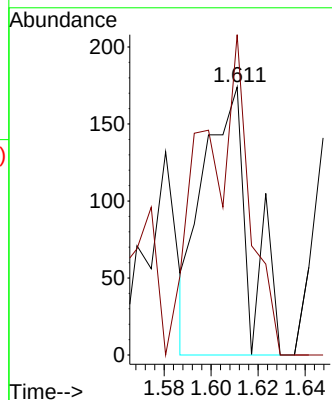
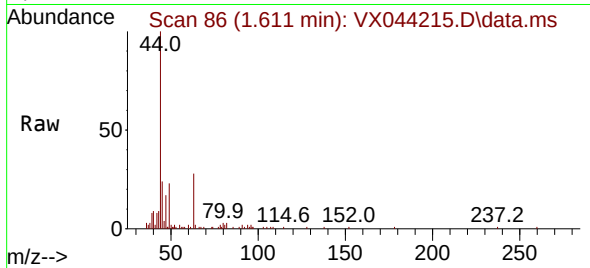




#5
Bromomethane
Concen: 0.254 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

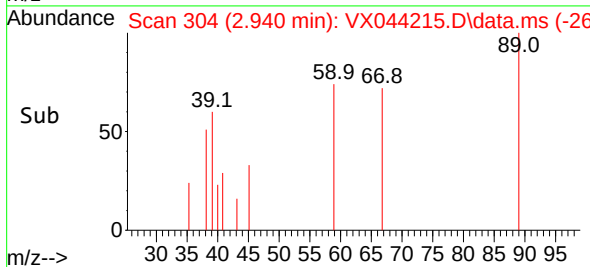
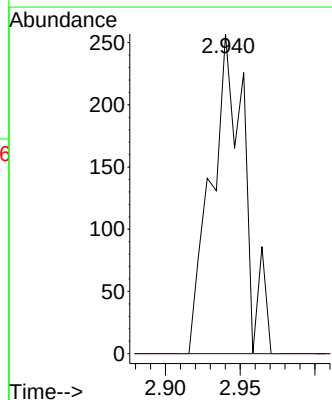
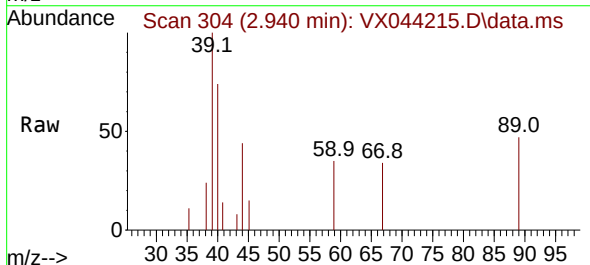
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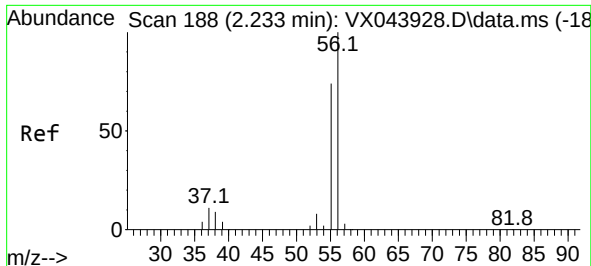
Tgt Ion: 94 Resp: 238
Ion Ratio Lower Upper
94 100
96 119.5 73.9 110.9#



#11
Tert butyl alcohol
Concen: 1.339 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Tgt Ion: 59 Resp: 396
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

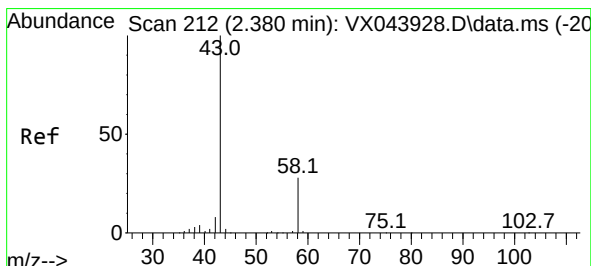
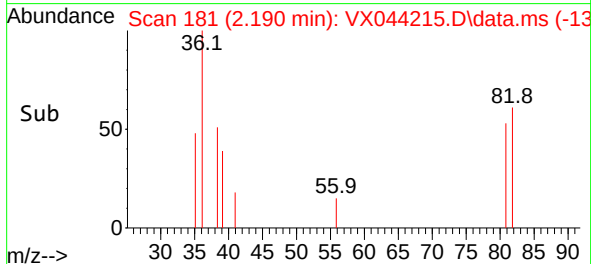
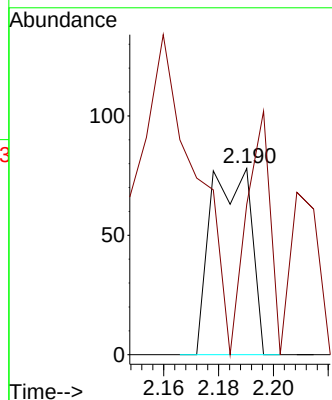
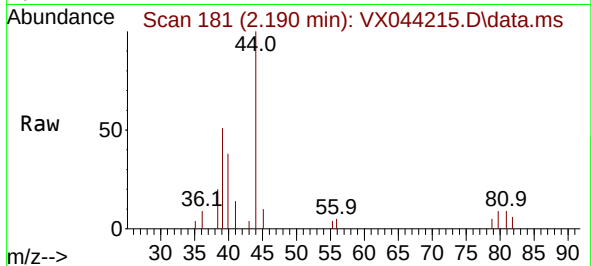




#13
Acrolein
Concen: 0.257 ug/l
RT: 2.190 min Scan# 11
Delta R.T. -0.043 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

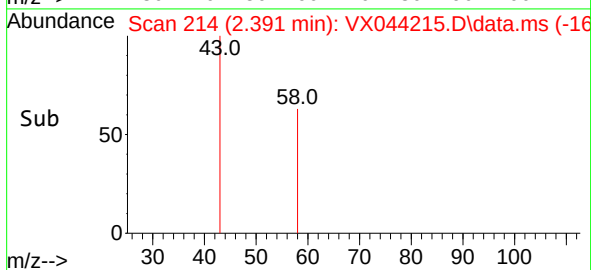
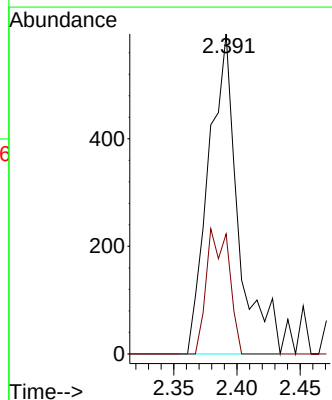
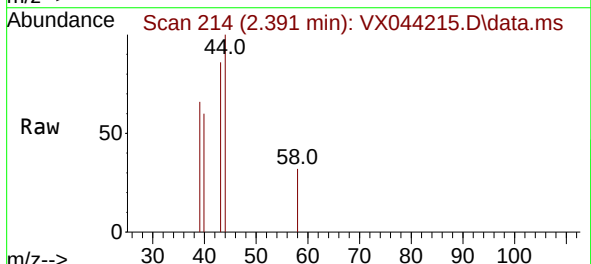
Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

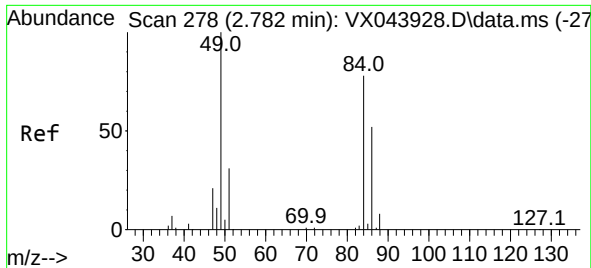
Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 75.0 58.2 87.2



#16
Acetone
Concen: 1.142 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
58 37.5 22.7 34.1#

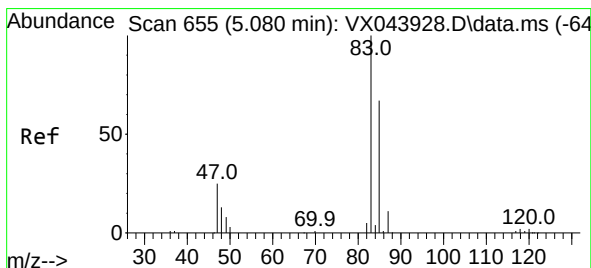
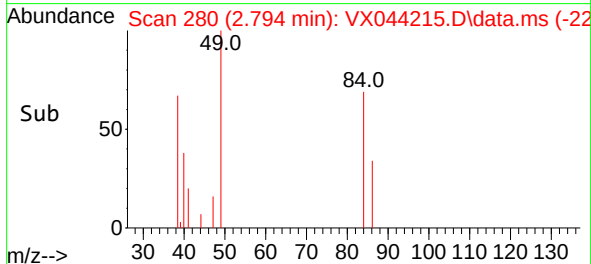
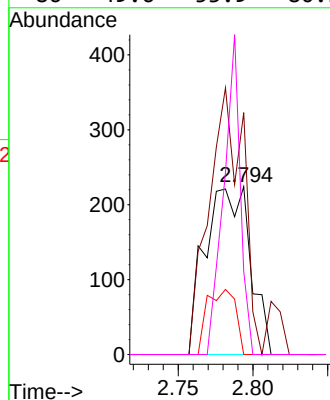
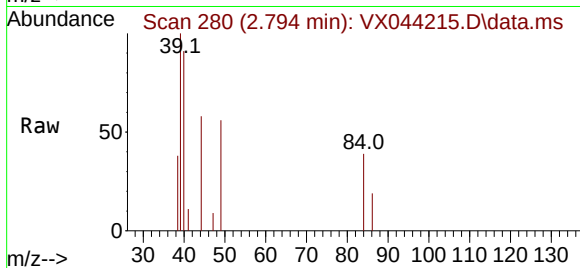




#20
Methylene Chloride
Concen: 0.326 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

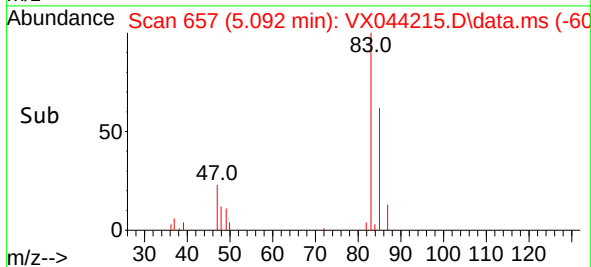
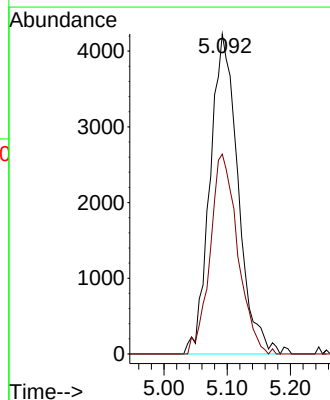
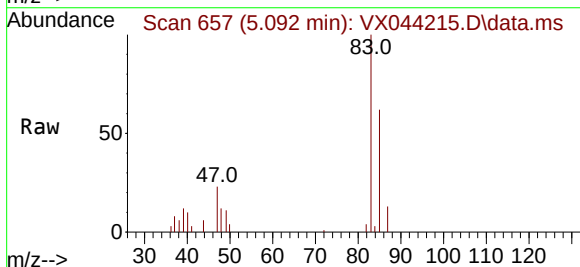
Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

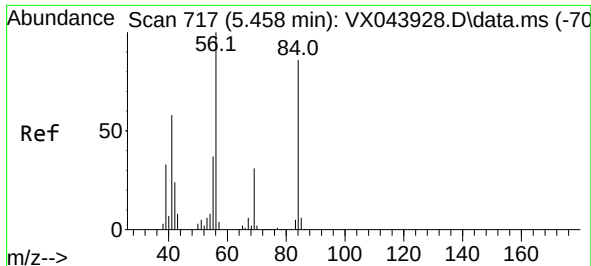
Tgt Ion:	84	Resp:	469
Ion	Ratio	Lower	Upper
84	100		
49	144.2	102.7	154.1
51	0.0	31.7	47.5#
86	49.6	53.9	80.9#



#30
Chloroform
Concen: 4.843 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Tgt Ion:	83	Resp:	13000
Ion	Ratio	Lower	Upper
83	100		
85	62.4	53.5	80.3

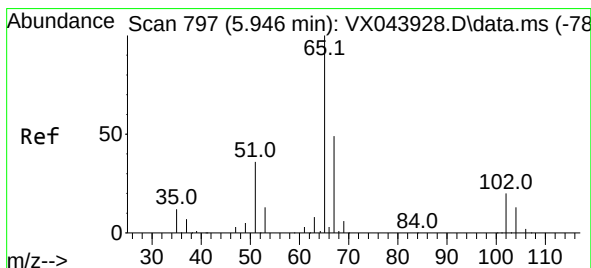
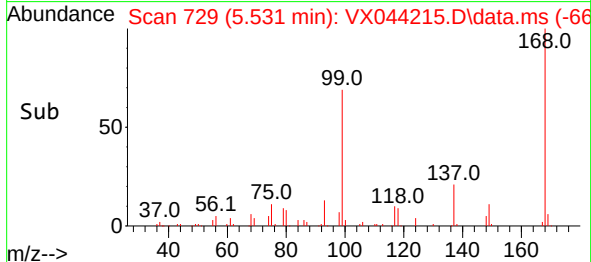
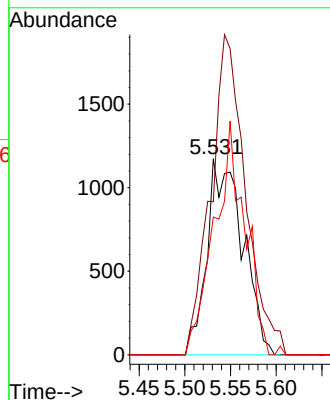
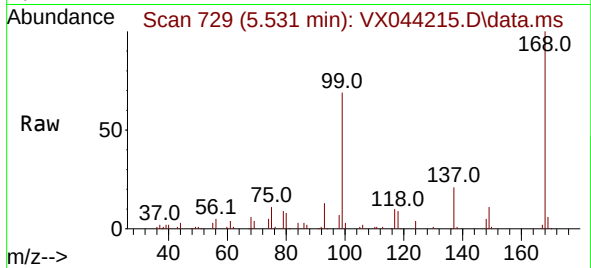




#31
Cyclohexane
Concen: 1.561 ug/l
RT: 5.531 min Scan# 717
Delta R.T. 0.073 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

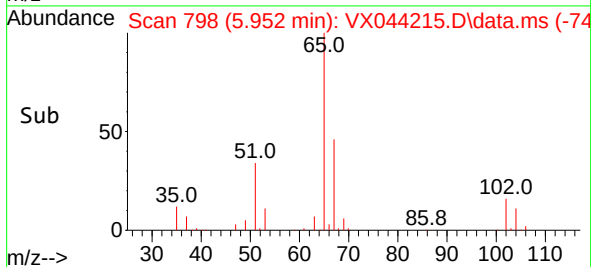
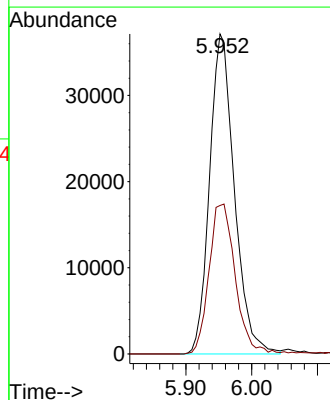
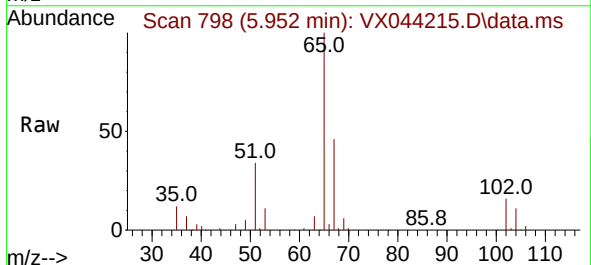
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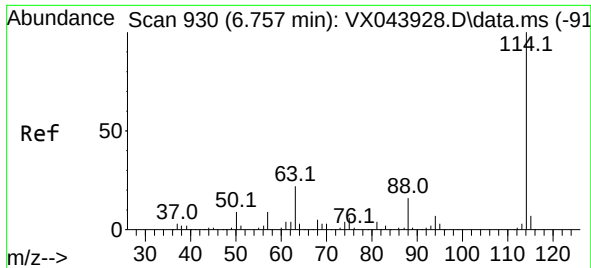
Tgt Ion: 56 Resp: 3207
Ion Ratio Lower Upper
56 100
69 78.0 24.7 37.1#
84 70.2 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 52.904 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Tgt Ion: 65 Resp: 97507
Ion Ratio Lower Upper
65 100
67 49.4 0.0 100.8

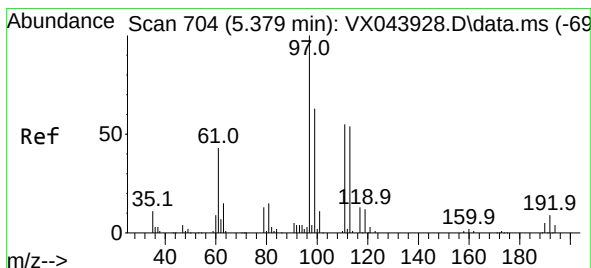
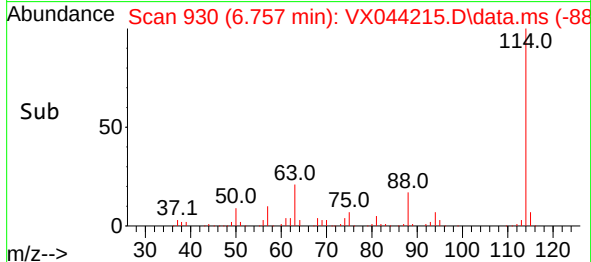
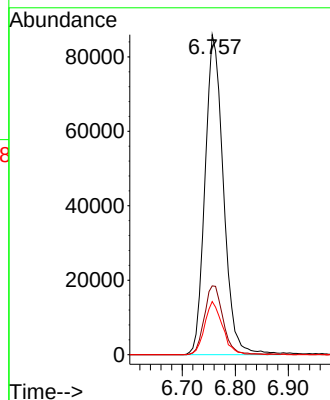
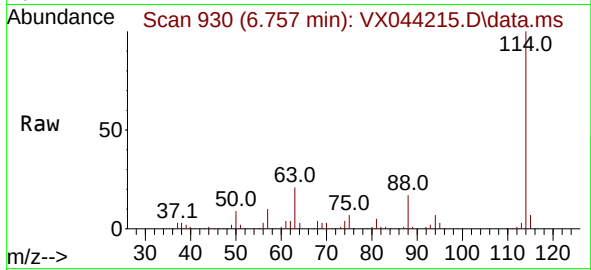




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

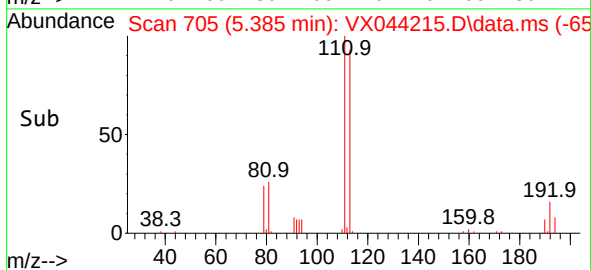
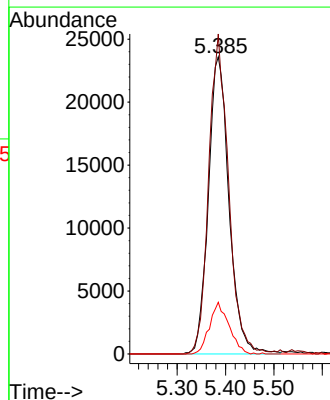
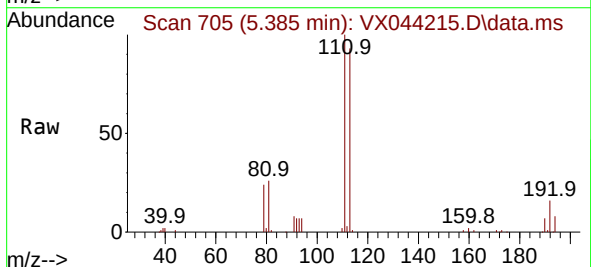
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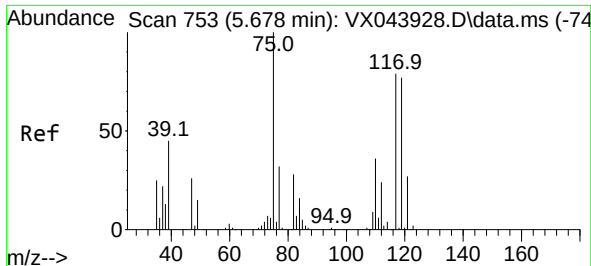
Tgt Ion:114 Resp: 207402
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.204 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Tgt Ion:113 Resp: 69956
Ion Ratio Lower Upper
113 100
111 103.4 81.0 121.4
192 16.4 13.0 19.6





#36

1,1-Dichloropropene

Concen: 5.771 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.129 min

Lab File: VX044215.D

Acq: 10 Dec 2024 17:57

Instrument :

MSVOA_X

ClientSampleId :

MW7-20241209

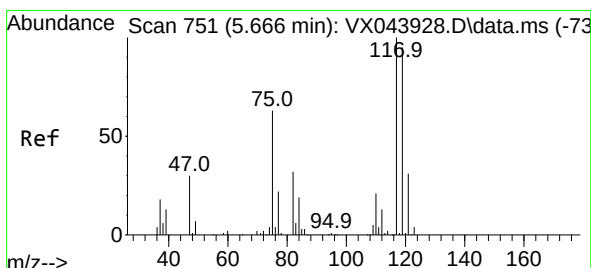
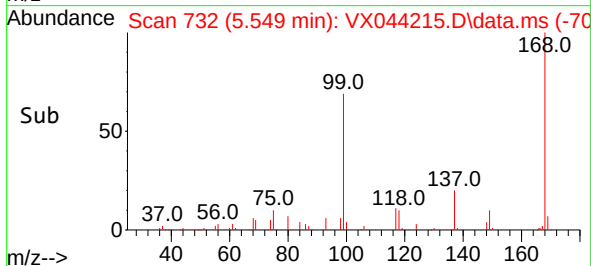
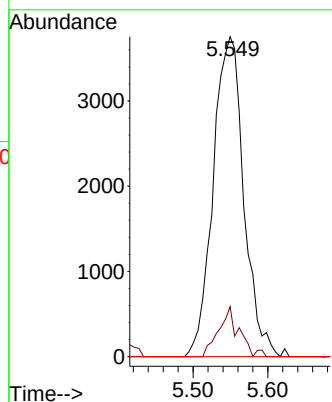
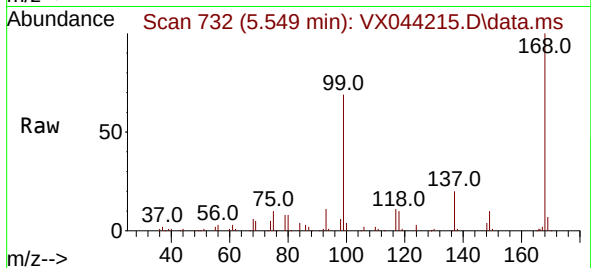
Tgt Ion: 75 Resp: 10657

Ion Ratio Lower Upper

75 100

110 10.5 17.4 52.2#

77 0.0 25.8 38.8#



#38

Carbon Tetrachloride

Concen: 6.101 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.122 min

Lab File: VX044215.D

Acq: 10 Dec 2024 17:57

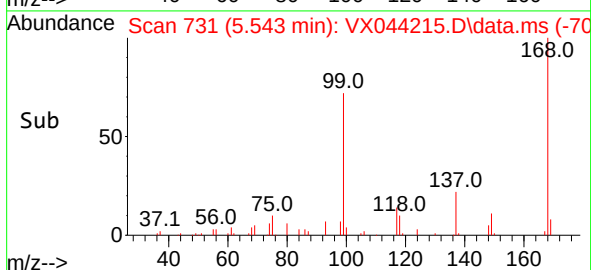
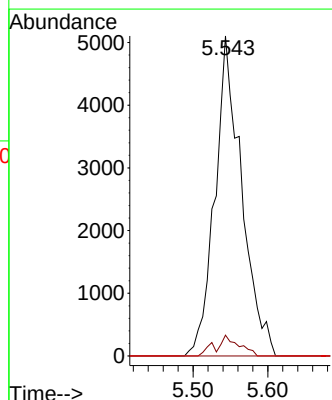
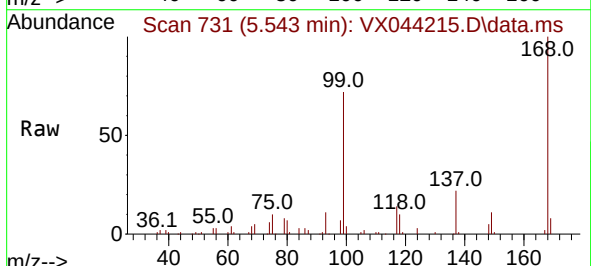
Tgt Ion: 117 Resp: 12659

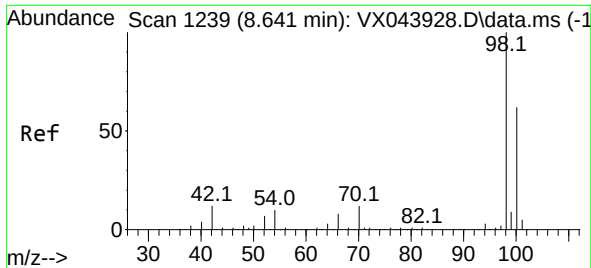
Ion Ratio Lower Upper

117 100

119 6.5 75.2 112.8#

121 0.0 24.5 36.7#





#50

Toluene-d8

Concen: 49.809 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044215.D

Acq: 10 Dec 2024 17:57

Instrument :

MSVOA_X

ClientSampleId :

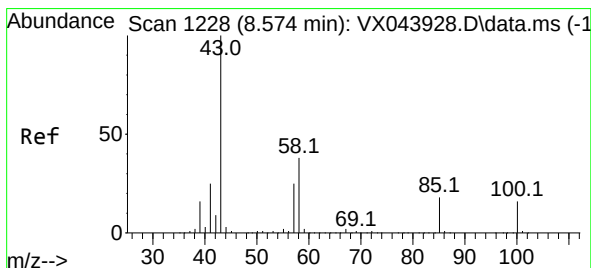
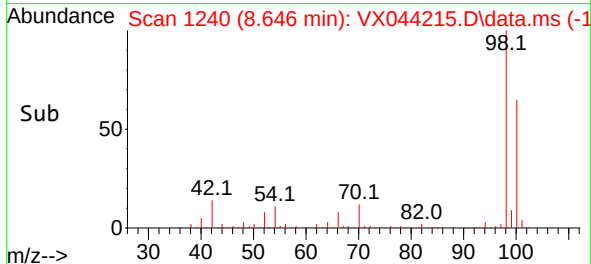
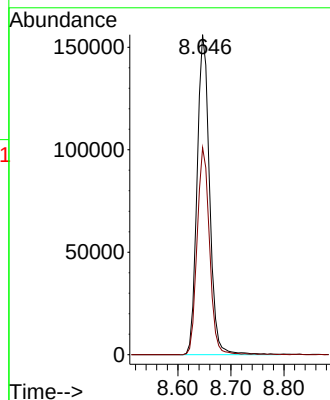
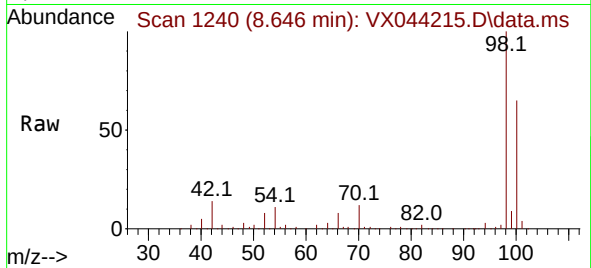
MW7-20241209

Tgt Ion: 98 Resp: 254455

Ion Ratio Lower Upper

98 100

100 64.3 52.6 79.0



#51

4-Methyl-2-Pentanone

Concen: 0.541 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX044215.D

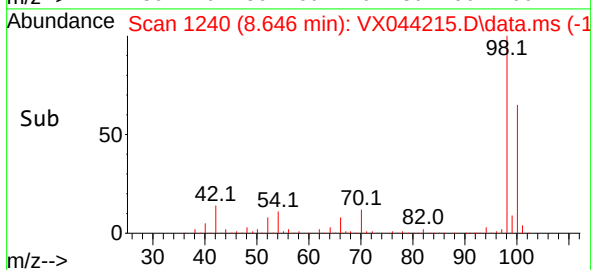
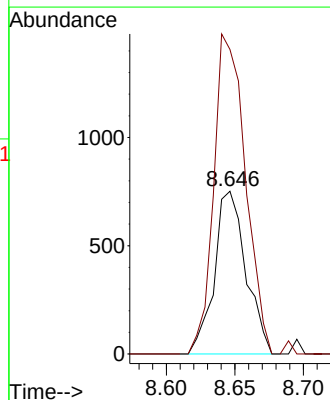
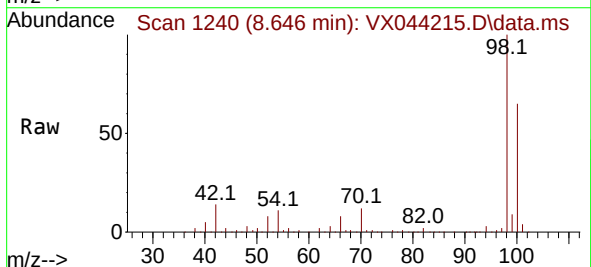
Acq: 10 Dec 2024 17:57

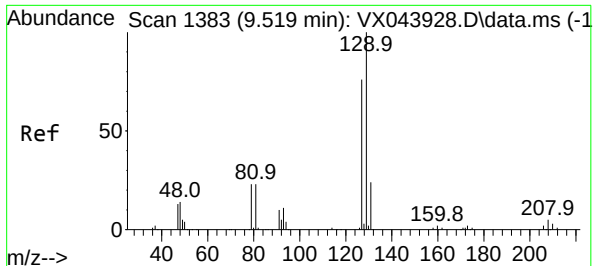
Tgt Ion: 43 Resp: 1205

Ion Ratio Lower Upper

43 100

58 197.2 30.0 45.0#





#60

Dibromochloromethane

Concen: 0.419 ug/l

RT: 9.268 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX044215.D

Acq: 10 Dec 2024 17:57

Instrument :

MSVOA_X

ClientSampleId :

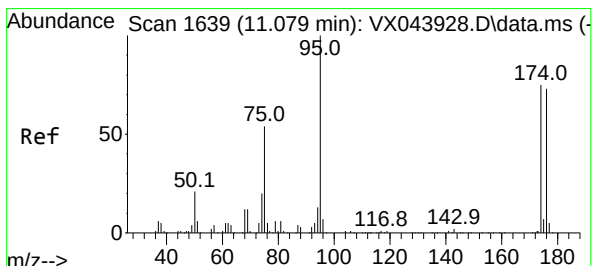
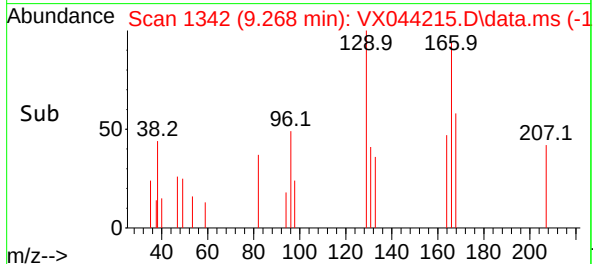
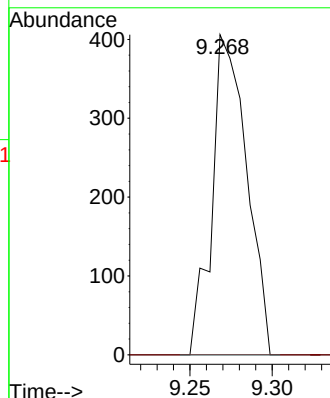
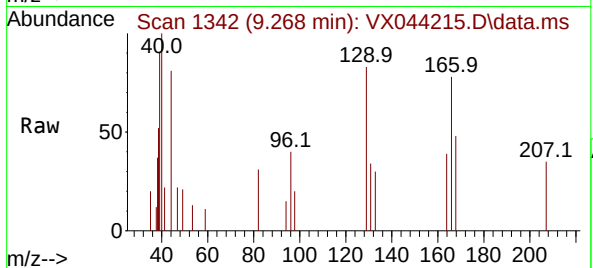
MW7-20241209

Tgt Ion:129 Resp: 597

Ion Ratio Lower Upper

129 100

127 0.0 38.2 114.6#



#62

4-Bromofluorobenzene

Concen: 49.839 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044215.D

Acq: 10 Dec 2024 17:57

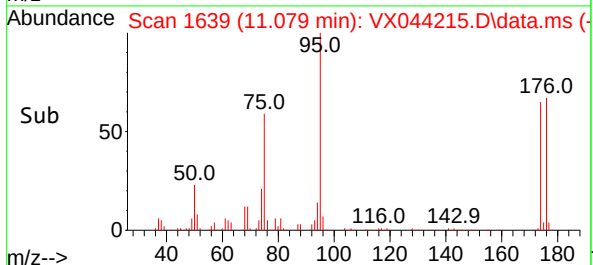
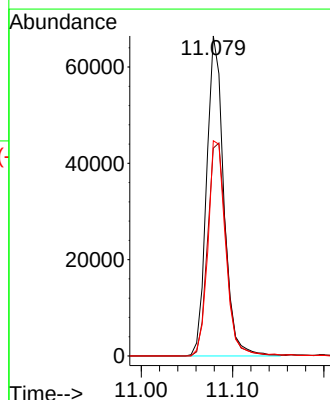
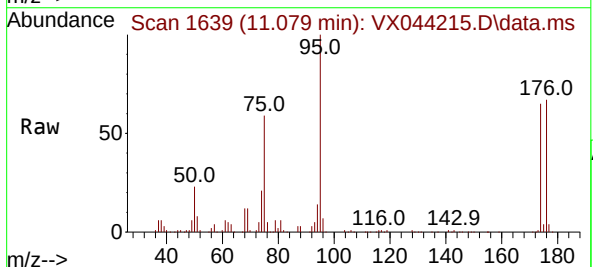
Tgt Ion: 95 Resp: 86650

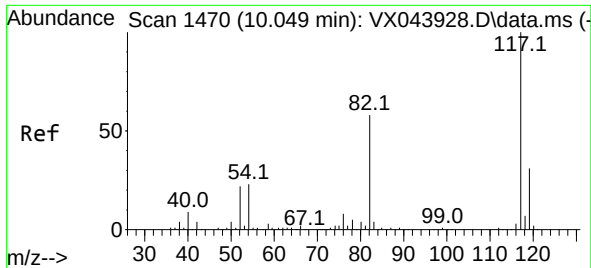
Ion Ratio Lower Upper

95 100

174 71.5 0.0 150.4

176 69.6 0.0 146.0

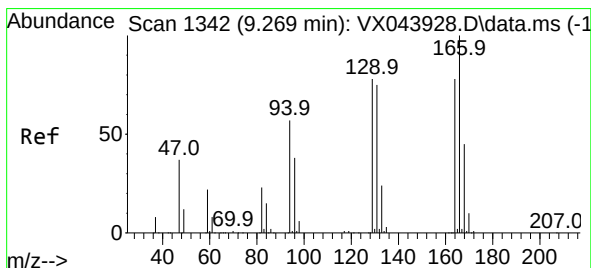
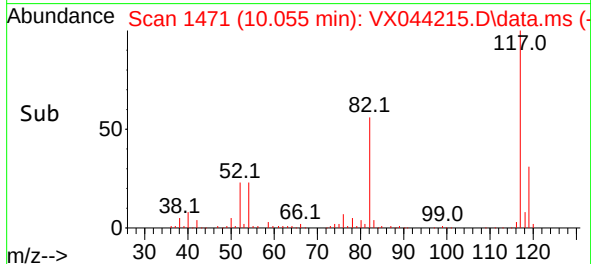
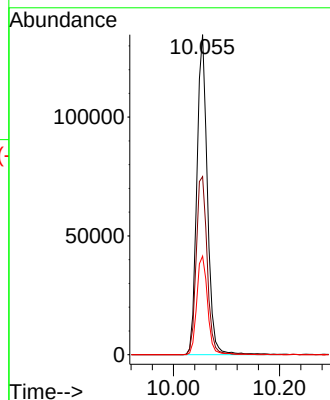
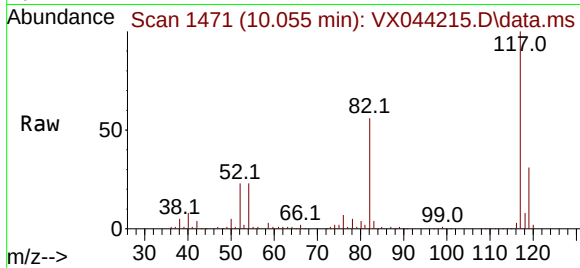




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

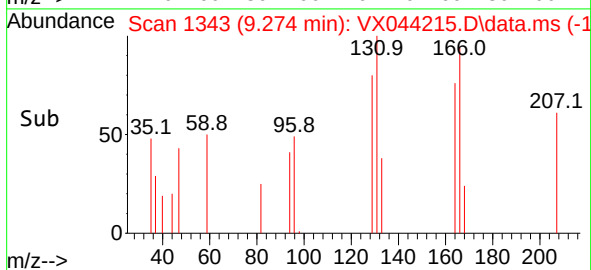
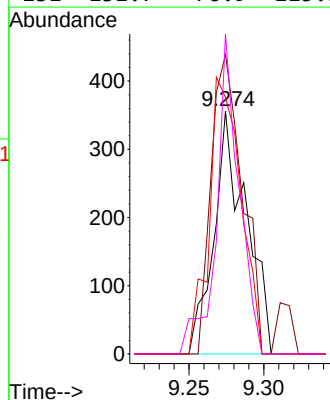
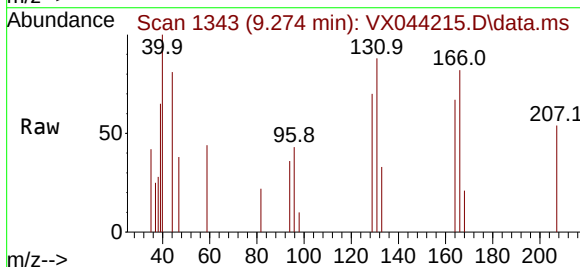
Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

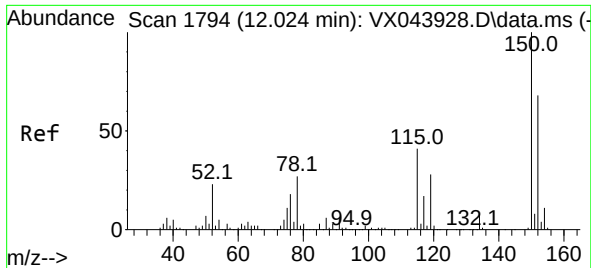
Tgt Ion:117 Resp: 185141
Ion Ratio Lower Upper
117 100
82 55.7 46.4 69.6
119 30.8 24.6 37.0



#64
Tetrachloroethene
Concen: 0.435 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Tgt Ion:164 Resp: 531
Ion Ratio Lower Upper
164 100
166 123.3 102.1 153.1
129 105.6 79.6 119.4
131 131.7 76.9 115.3#

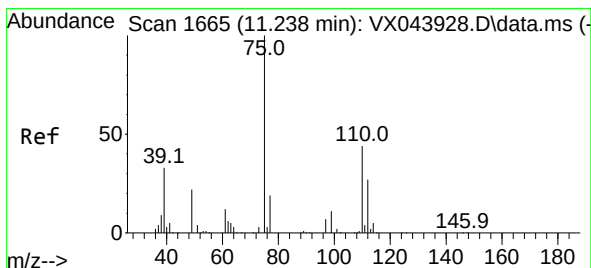
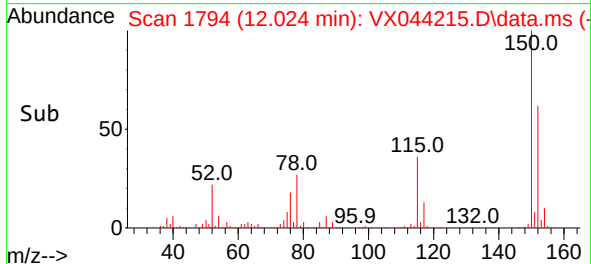
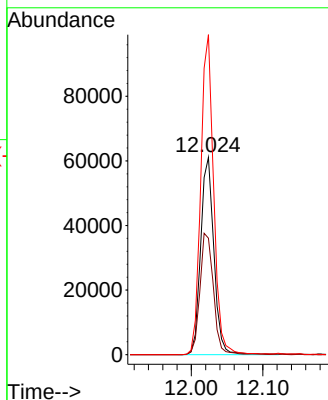
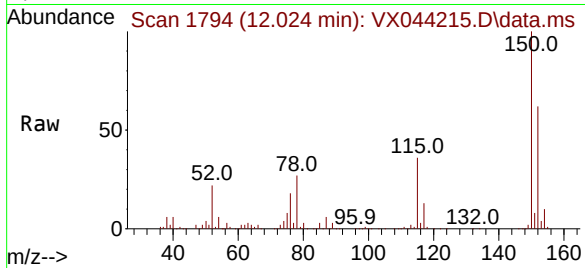




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

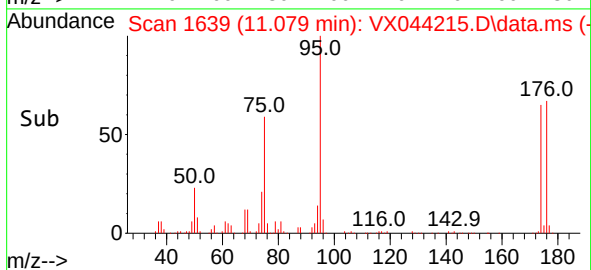
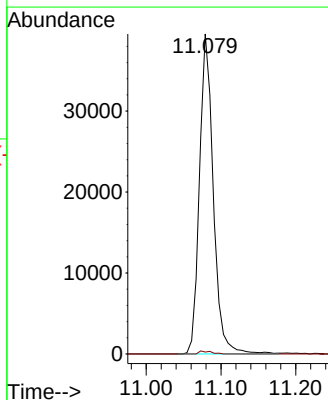
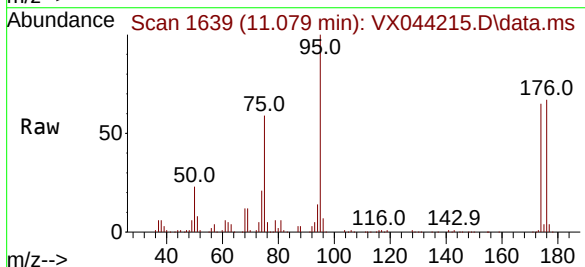
Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

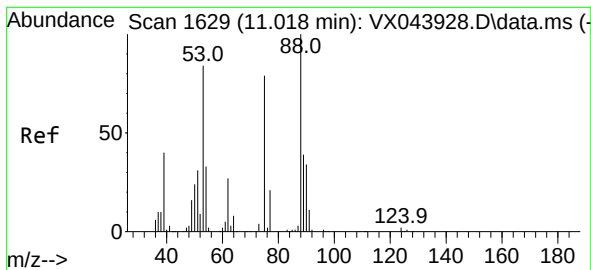
Tgt Ion:152 Resp: 78742
Ion Ratio Lower Upper
152 100
115 62.5 45.4 136.2
150 157.7 0.0 353.0



#76
1,2,3-Trichloropropane
Concen: 29.448 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Tgt Ion: 75 Resp: 50850
Ion Ratio Lower Upper
75 100
77 0.8 21.8 65.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.355 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.060 min
Lab File: VX044215.D
Acq: 10 Dec 2024 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW7-20241209

Tgt Ion: 75 Resp: 50850
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.0 38.2 57.2#

