

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100924\
 Data File : VX043328.D
 Acq On : 09 Oct 2024 10:51
 Operator : JC/MD
 Sample : VX1009WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBL01

Quant Time: Oct 10 01:26:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

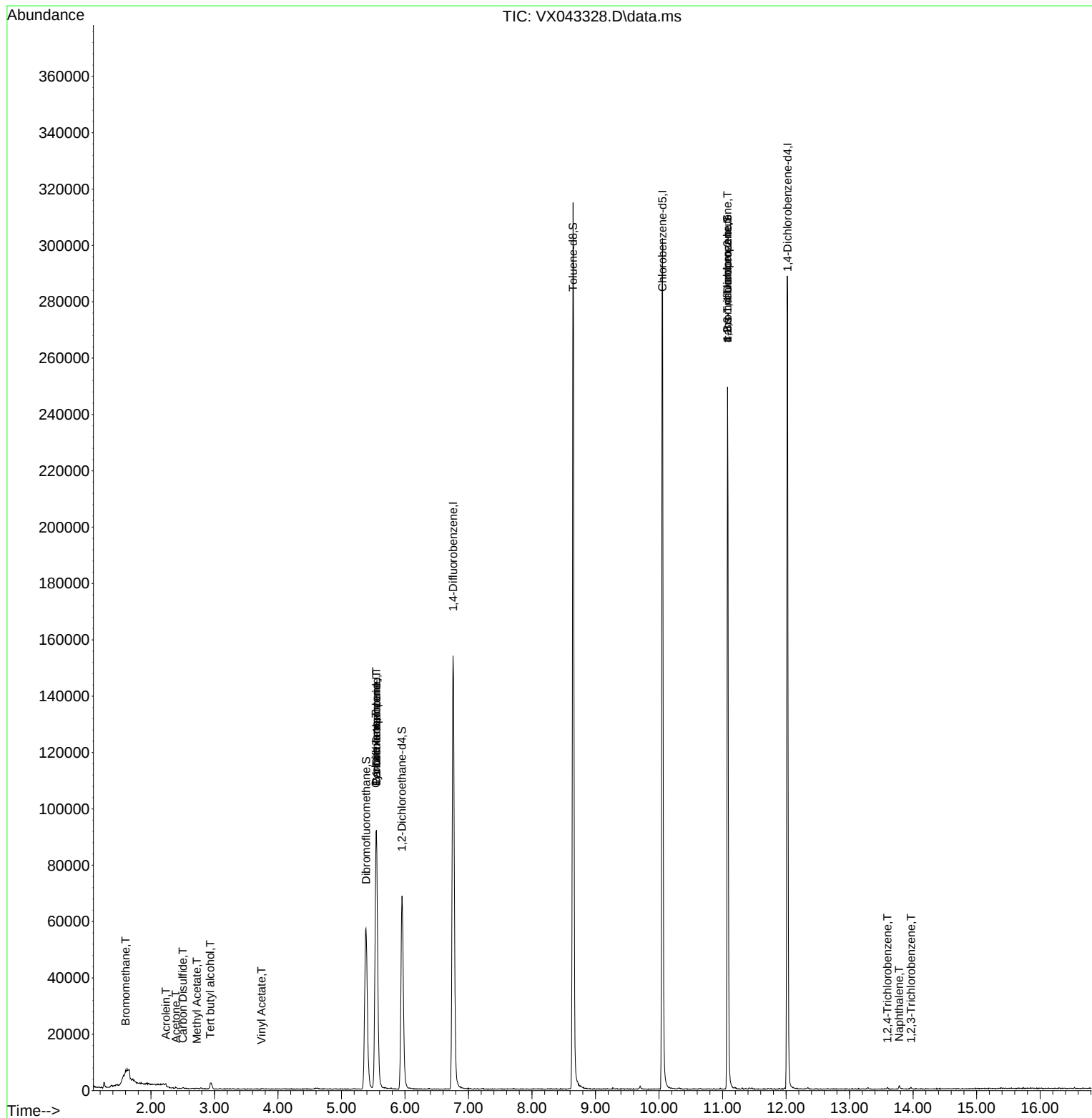
Internal Standards						
1) Pentafluorobenzene	5.550	168	83237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154747	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69816	51.358	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.720%			
35) Dibromofluoromethane	5.385	113	51193	47.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.940%			
50) Toluene-d8	8.647	98	184746	49.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.900%			
62) 4-Bromofluorobenzene	11.079	95	66674	49.624	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.240%			
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	246	0.603	ug/l #	58
11) Tert butyl alcohol	2.934	59	1247	4.821	ug/l #	71
13) Acrolein	2.233	56	143	0.585	ug/l #	1
16) Acetone	2.392	43	548	0.965	ug/l #	47
17) Carbon Disulfide	2.501	76	516	0.229	ug/l #	76
18) Methyl Acetate	2.721	43	335	0.235	ug/l #	51
23) Vinyl Acetate	3.739	43	90	6.365	ug/l #	71
31) Cyclohexane	5.544	56	2264	1.543	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	7206	5.345	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9124	5.717	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	37429	28.372	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	37429	73.530	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.597	180	235	0.201	ug/l #	76
95) Naphthalene	13.780	128	1469	0.342	ug/l #	76
96) 1,2,3-Trichlorobenzene	13.969	180	249	0.207	ug/l #	80

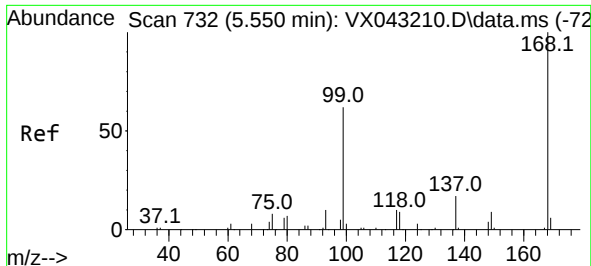
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

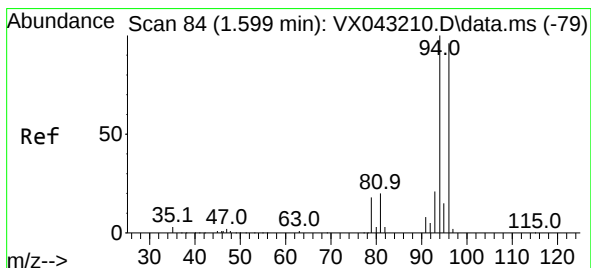
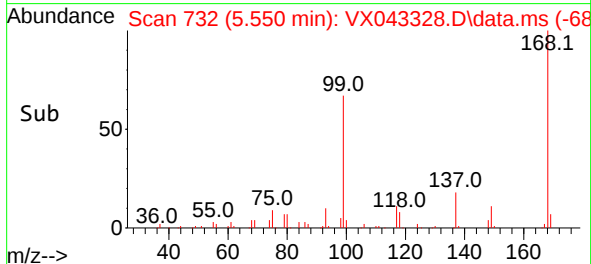
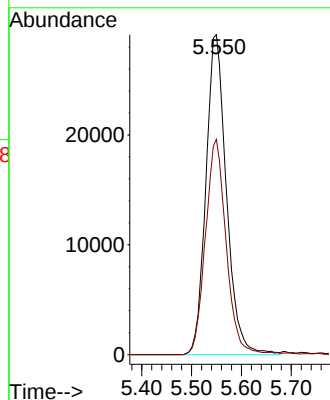
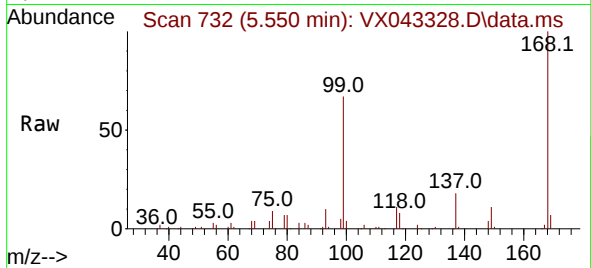




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

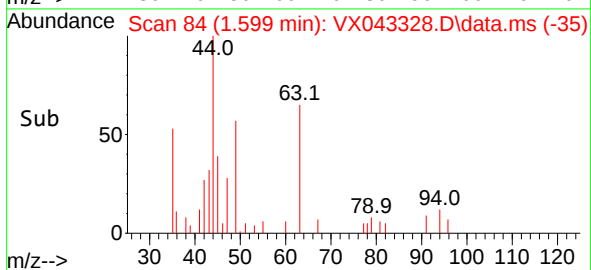
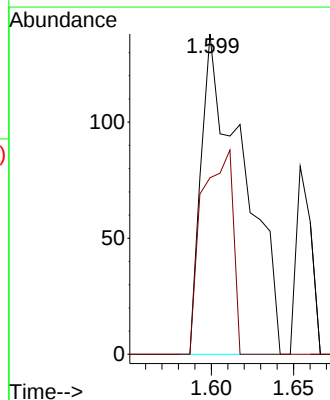
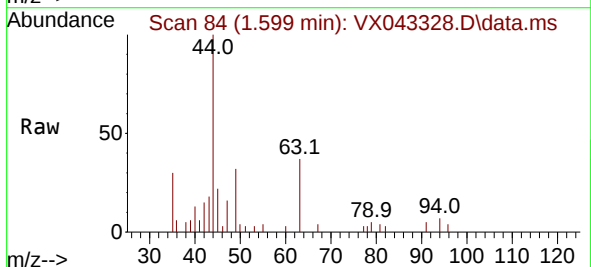
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

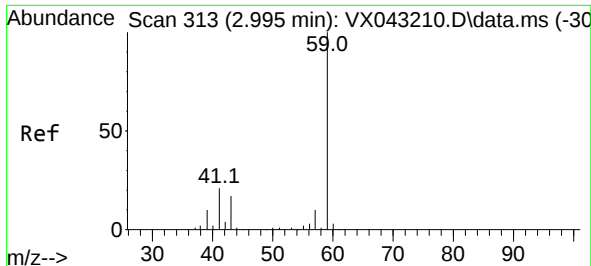
Tgt Ion:168 Resp: 83237
Ion Ratio Lower Upper
168 100
99 67.3 49.7 74.5



#5
Bromomethane
Concen: 0.603 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

Tgt Ion: 94 Resp: 246
Ion Ratio Lower Upper
94 100
96 55.1 76.6 115.0#

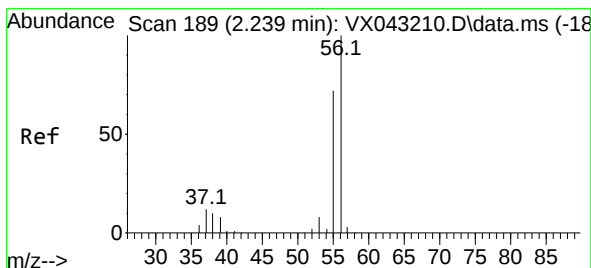
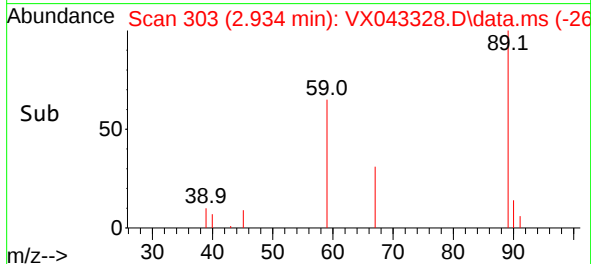
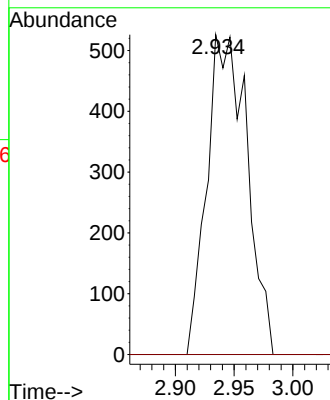
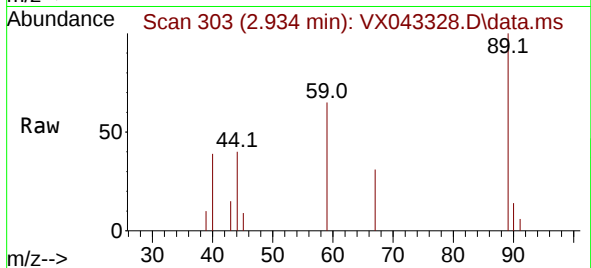




#11
Tert butyl alcohol
Concen: 4.821 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

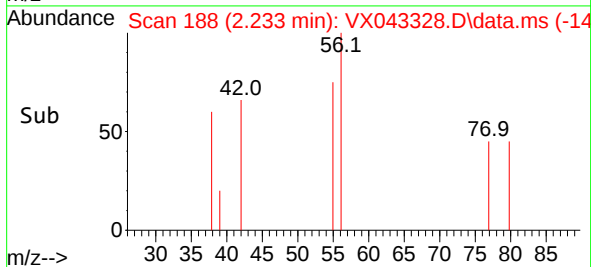
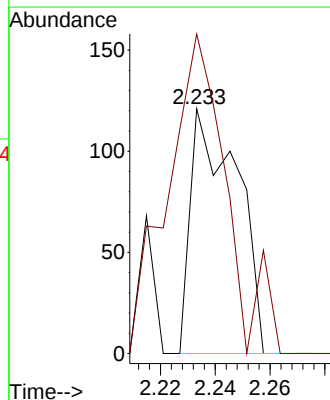
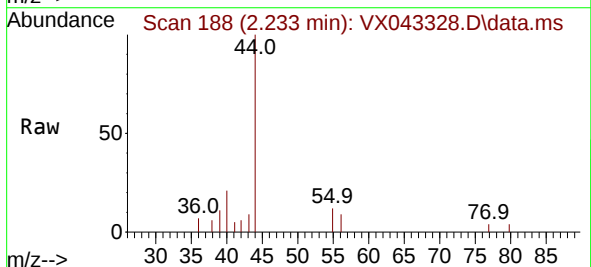
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

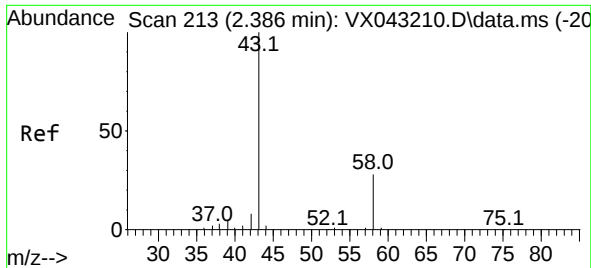
Tgt Ion: 59 Resp: 1247
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 0.585 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

Tgt Ion: 56 Resp: 143
Ion Ratio Lower Upper
56 100
55 165.0 57.4 86.0#

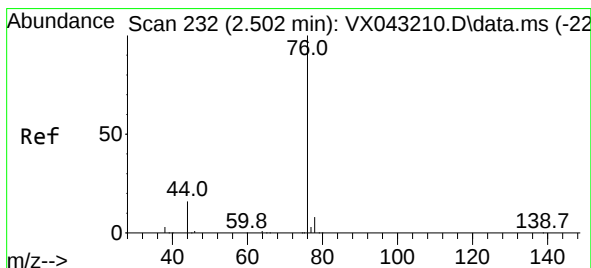
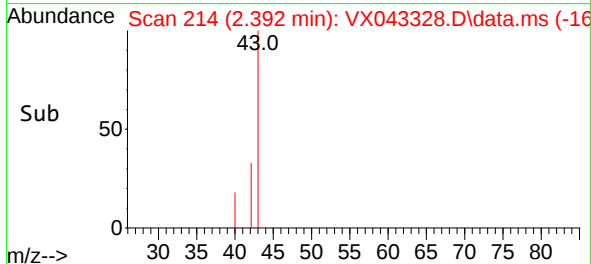
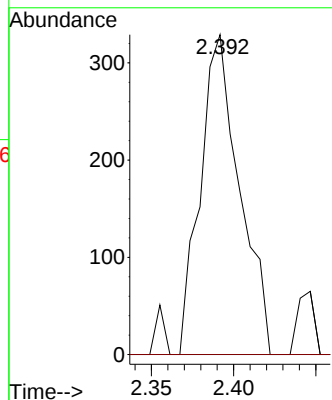
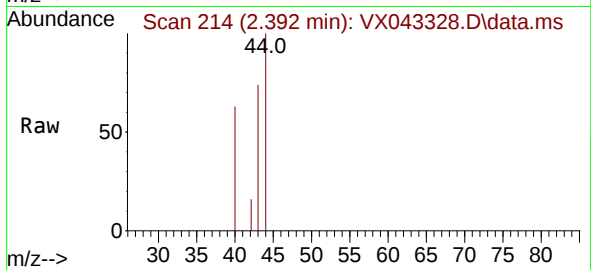




#16
Acetone
Concen: 0.965 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

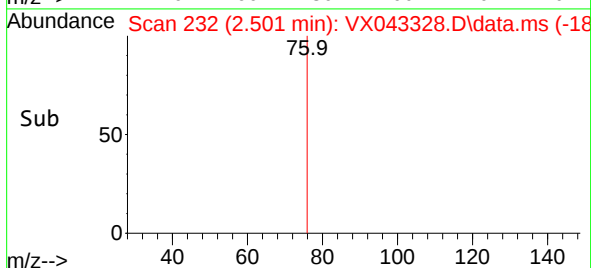
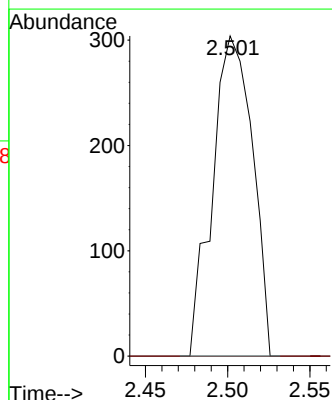
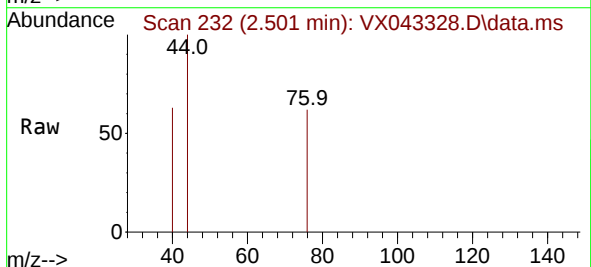
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

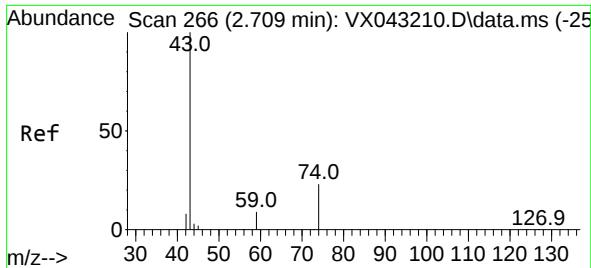
Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.229 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

Tgt Ion: 76 Resp: 516
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#

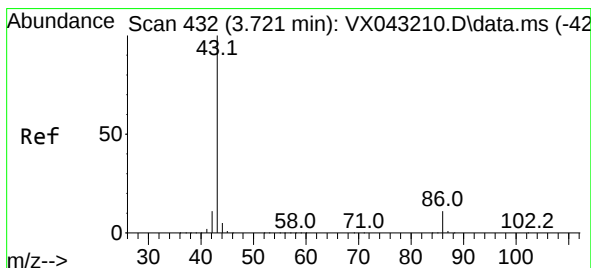
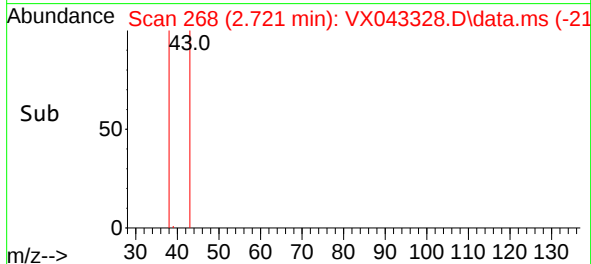
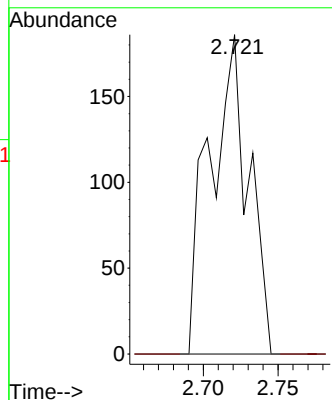
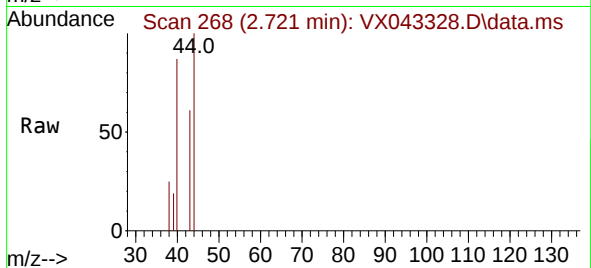




#18
Methyl Acetate
Concen: 0.235 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

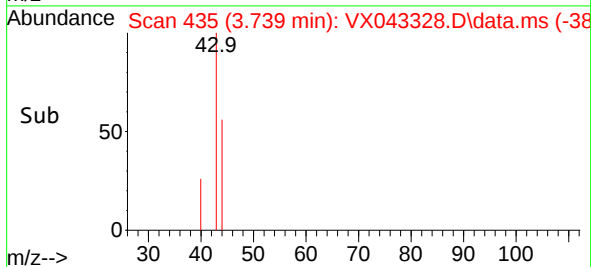
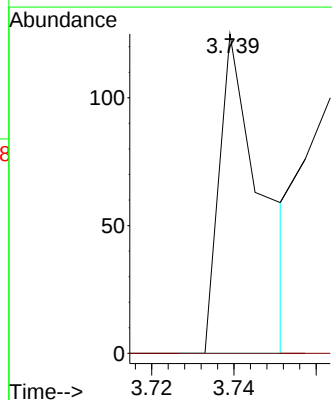
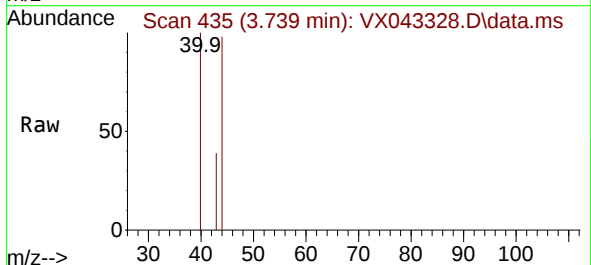
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

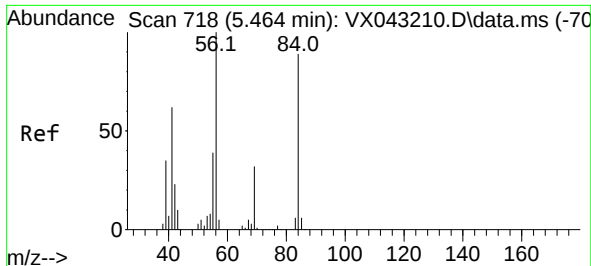
Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#23
Vinyl Acetate
Concen: 6.365 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.018 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
86 0.0 8.8 13.2#

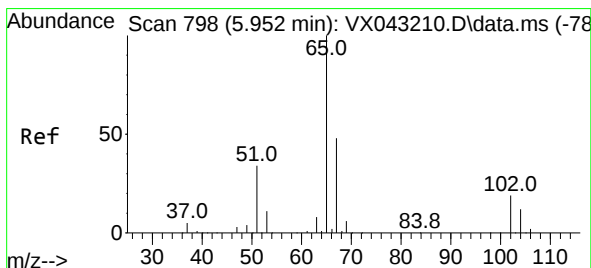
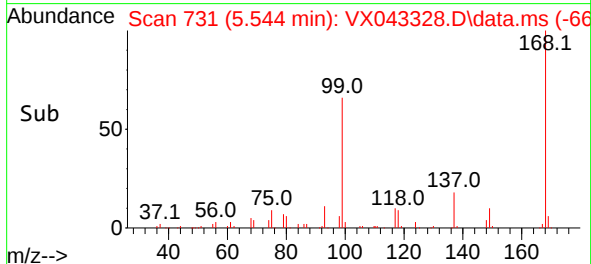
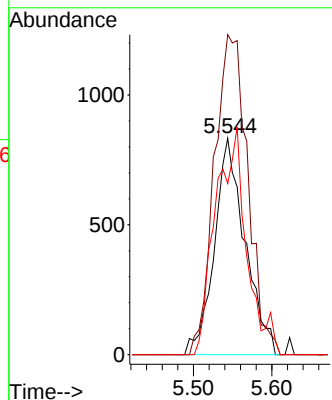
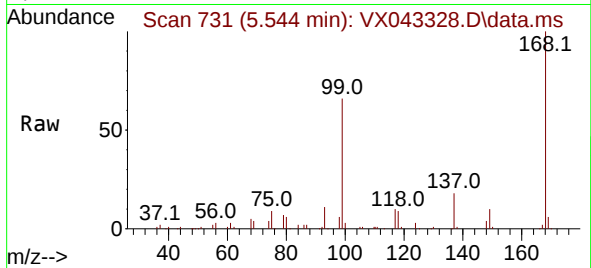




#31
Cyclohexane
Concen: 1.543 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

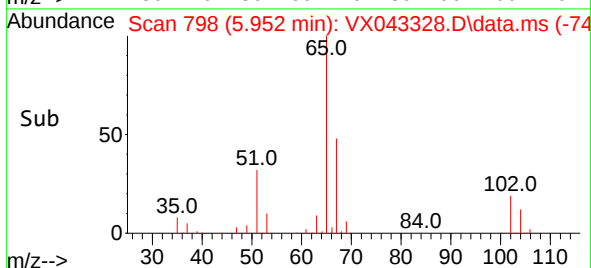
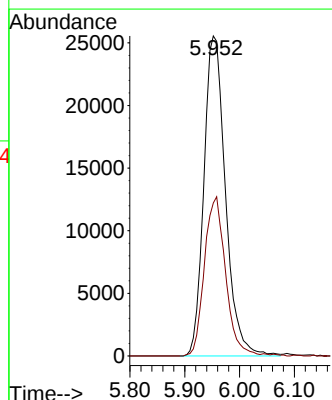
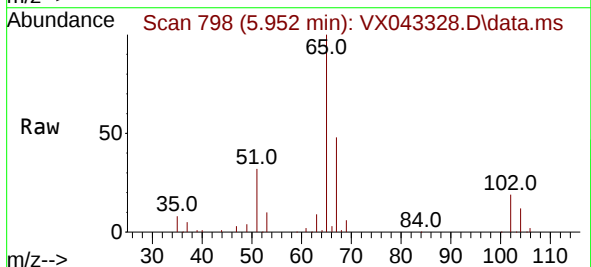
Instrument :
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ClientSampleId :
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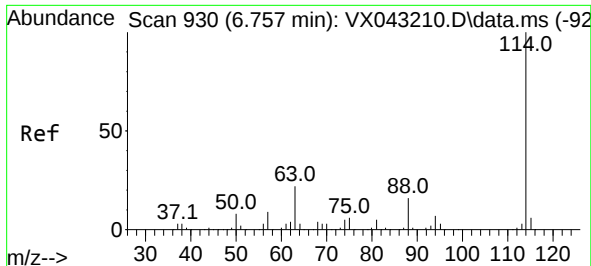
Tgt Ion: 56 Resp: 2264
Ion Ratio Lower Upper
56 100
69 147.9 25.8 38.6#
84 79.1 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 51.358 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

Tgt Ion: 65 Resp: 69816
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

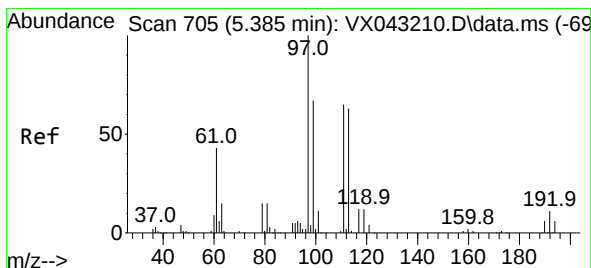
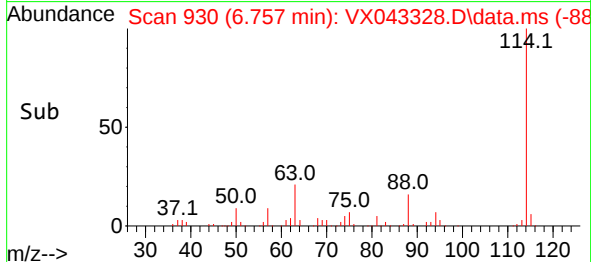
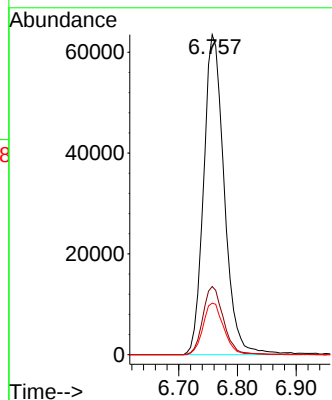
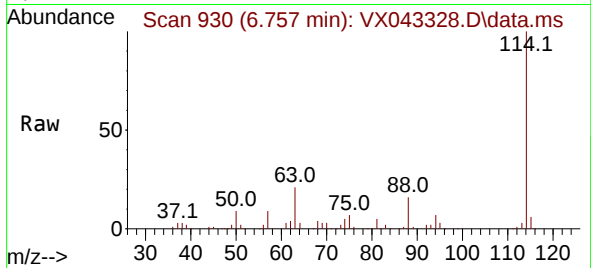




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

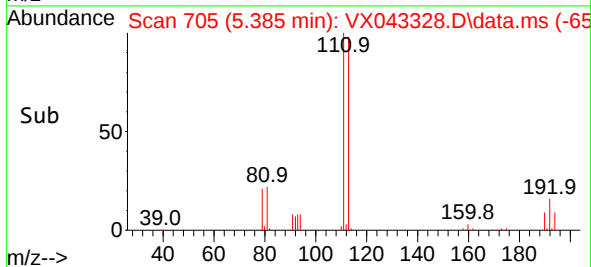
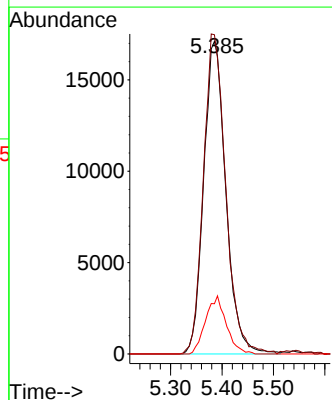
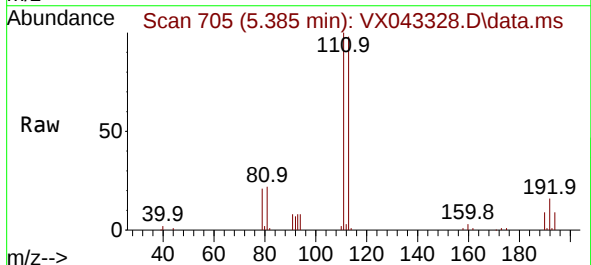
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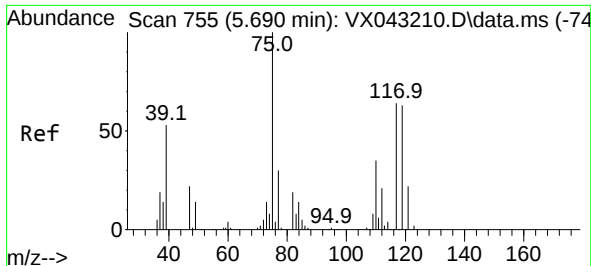
Tgt Ion:114 Resp: 154747
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.0
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.970 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

Tgt Ion:113 Resp: 51193
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.0
192 17.3 14.1 21.1

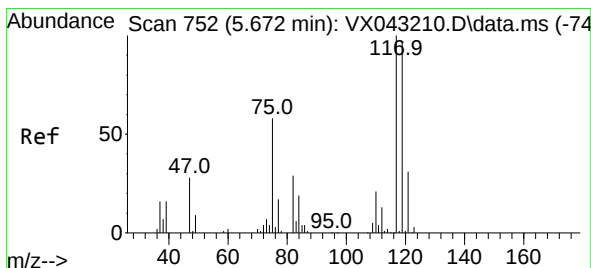
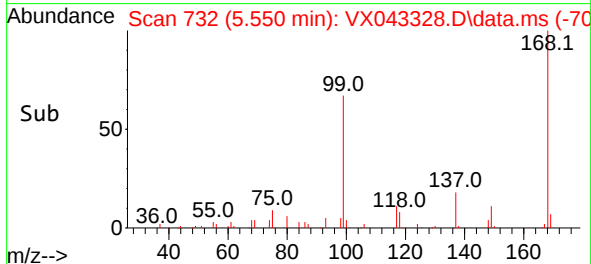
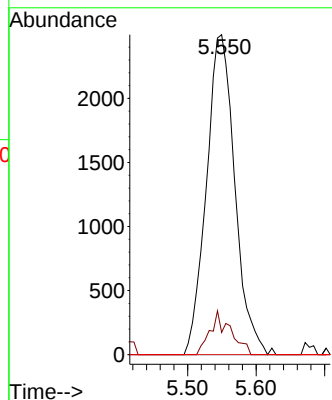
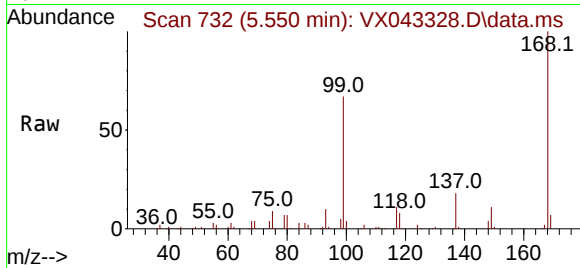




#36
1,1-Dichloropropene
Concen: 5.345 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

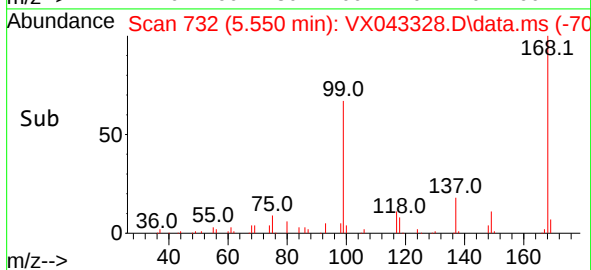
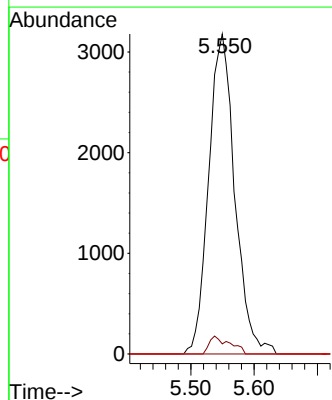
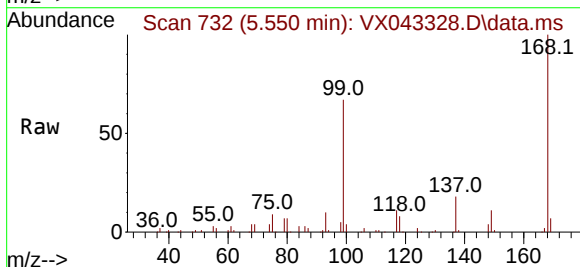
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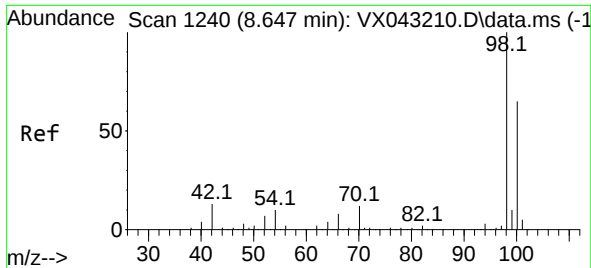
Tgt Ion: 75 Resp: 7206
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

Tgt Ion: 117 Resp: 9124
Ion Ratio Lower Upper
117 100
119 3.2 77.7 116.5#
121 0.0 24.3 36.5#

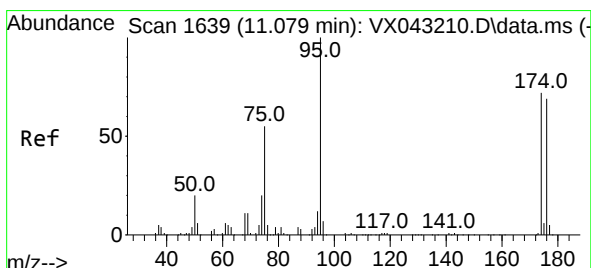
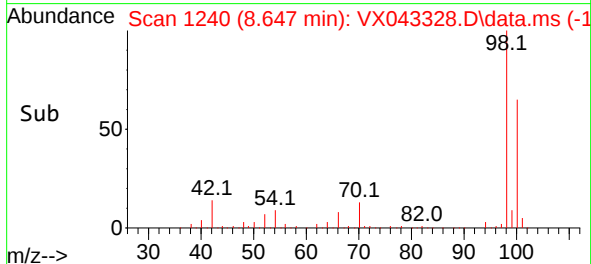
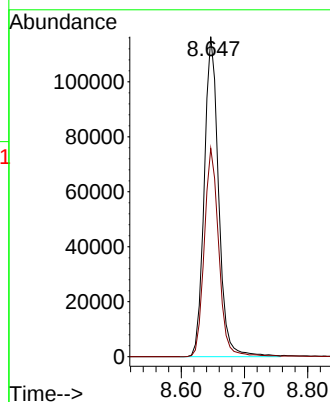
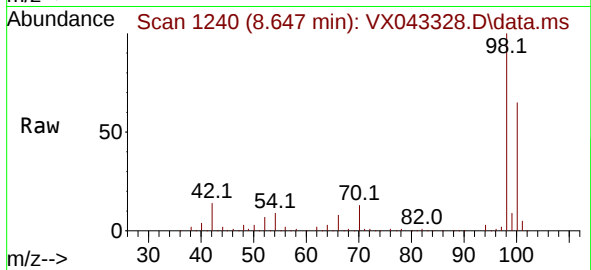




#50
Toluene-d8
Concen: 49.954 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

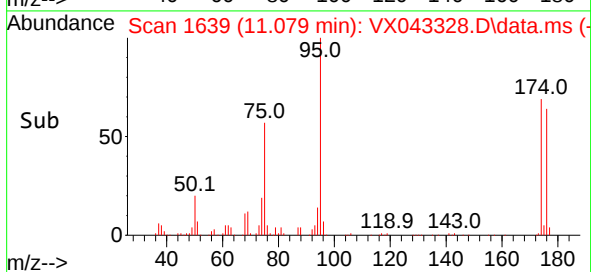
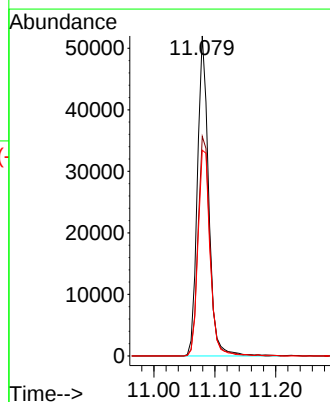
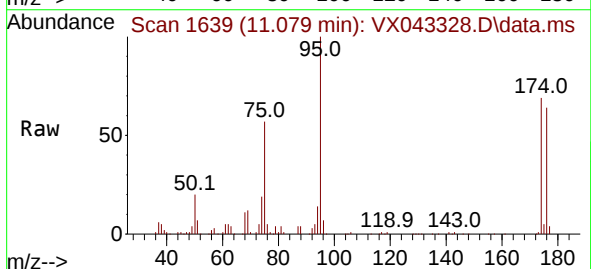
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

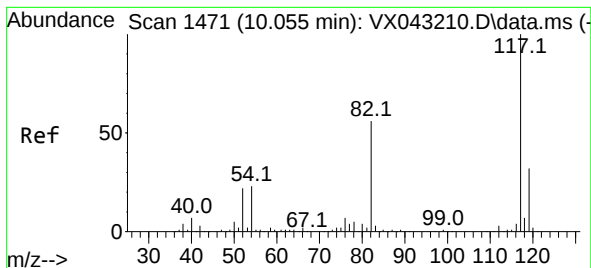
Tgt Ion: 98 Resp: 184746
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.624 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

Tgt Ion: 95 Resp: 66674
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.0
176 69.0 0.0 143.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043328.D

Acq: 09 Oct 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBL01

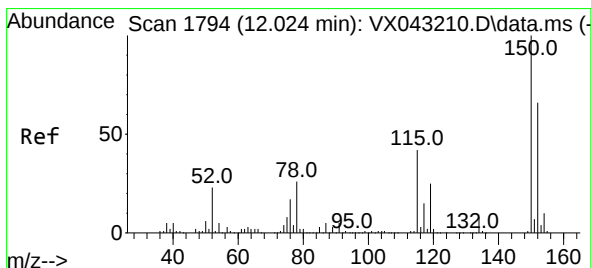
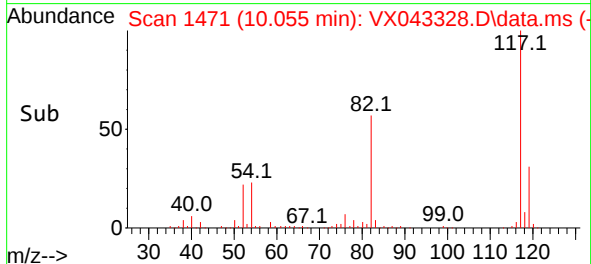
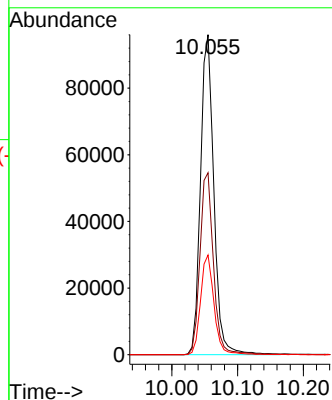
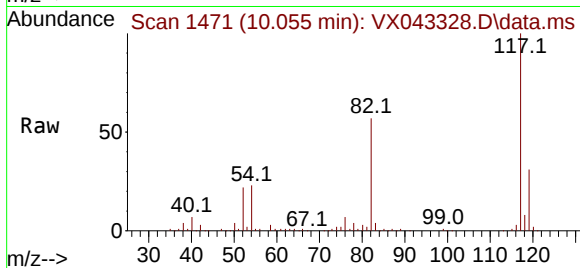
Tgt Ion:117 Resp: 135756

Ion Ratio Lower Upper

117 100

82 56.8 45.0 67.6

119 31.1 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043328.D

Acq: 09 Oct 2024 10:51

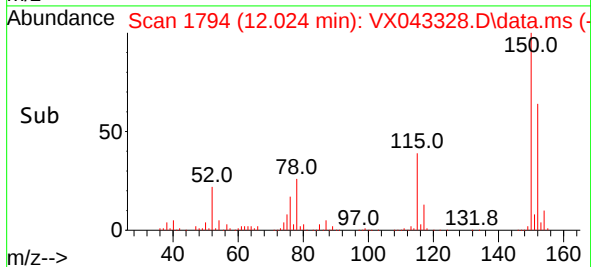
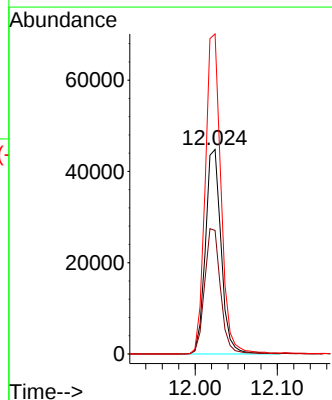
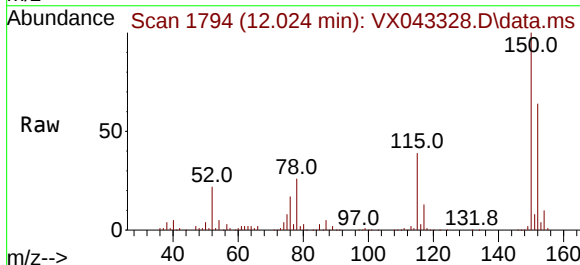
Tgt Ion:152 Resp: 59475

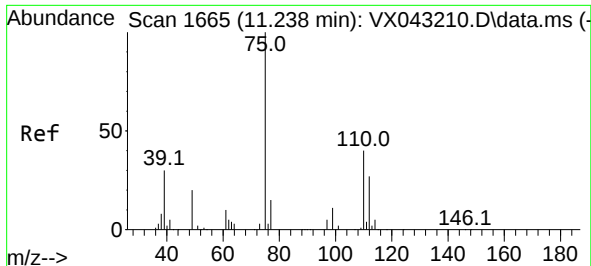
Ion Ratio Lower Upper

152 100

115 62.2 44.1 132.3

150 157.0 0.0 347.4

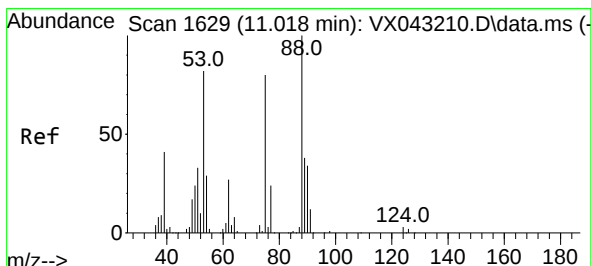
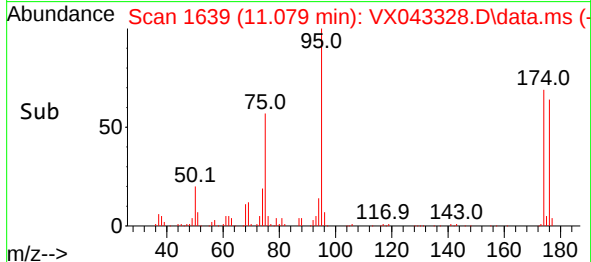
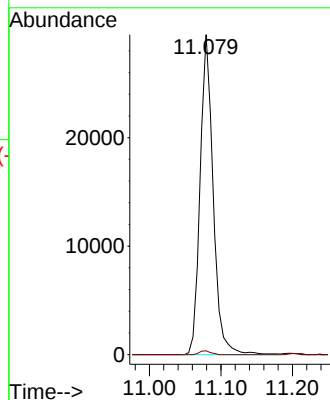
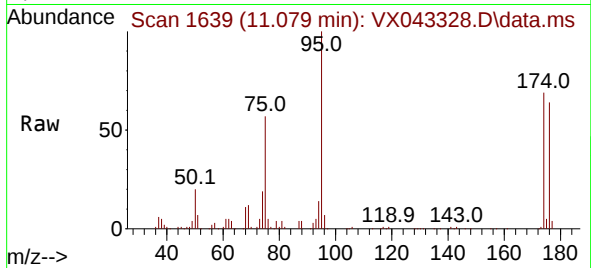




#76
1,2,3-Trichloropropane
Concen: 28.372 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

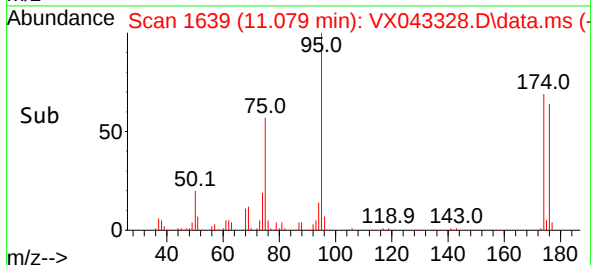
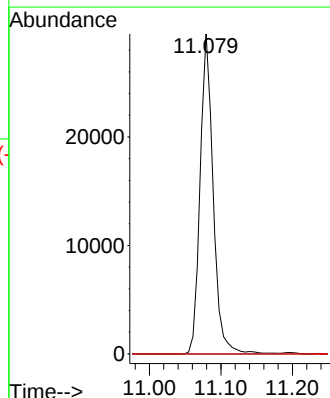
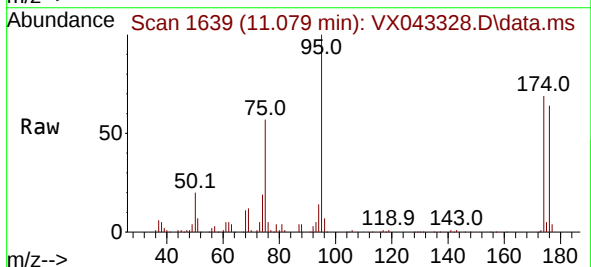
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

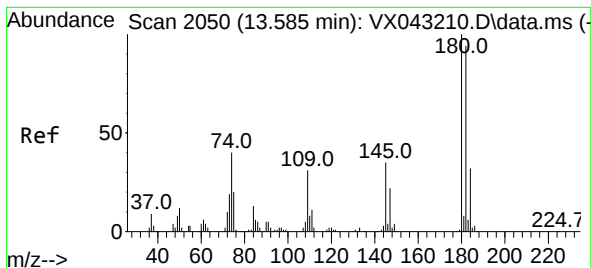
Tgt Ion: 75 Resp: 37429
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.530 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043328.D
Acq: 09 Oct 2024 10:51

Tgt Ion: 75 Resp: 37429
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.201 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX043328.D

Acq: 09 Oct 2024 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBL01

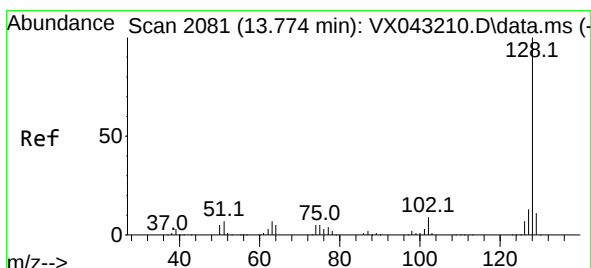
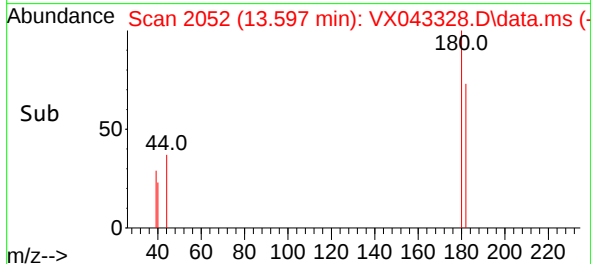
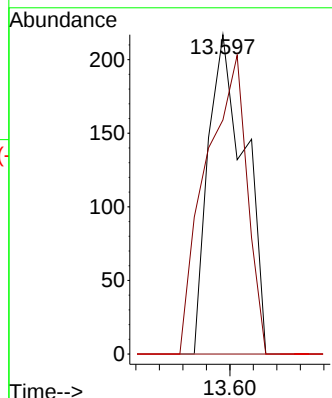
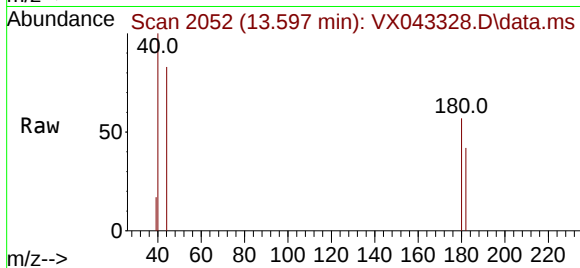
Tgt Ion:180 Resp: 235

Ion Ratio Lower Upper

180 100

182 105.1 47.1 141.3

145 0.0 16.6 49.8#



#95

Naphthalene

Concen: 0.342 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX043328.D

Acq: 09 Oct 2024 10:51

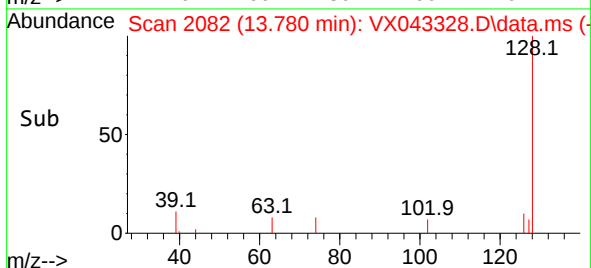
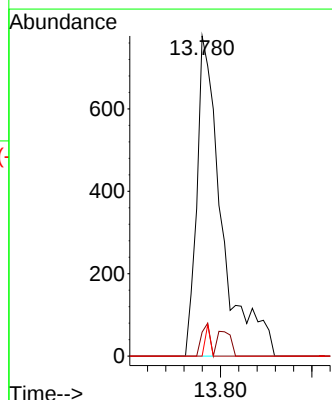
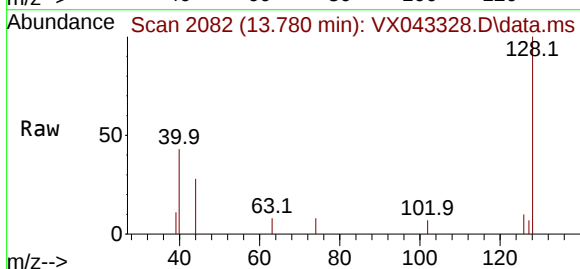
Tgt Ion:128 Resp: 1469

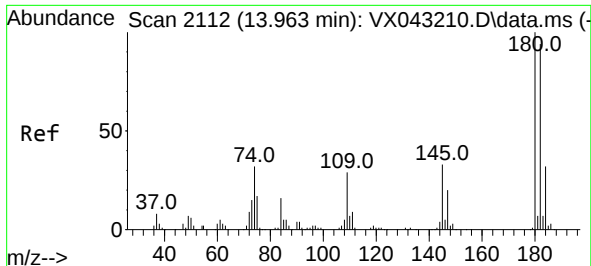
Ion Ratio Lower Upper

128 100

127 3.4 10.2 15.2#

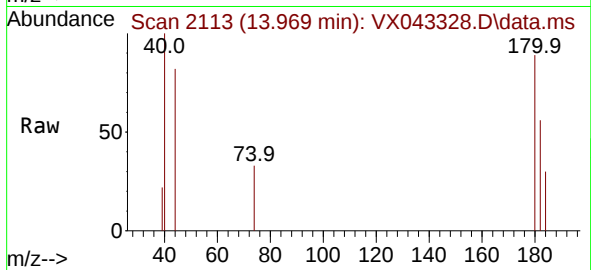
129 1.9 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.207 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX043328.D
 Acq: 09 Oct 2024 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBL01



Tgt Ion:180 Resp: 249
 Ion Ratio Lower Upper
 180 100
 182 83.1 46.5 139.3
 145 8.4 17.2 51.6#

