

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044941.D
 Acq On : 12 Feb 2025 18:16
 Operator : JC/MD
 Sample : Q1356-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CARBON-WATER

Quant Time: Feb 13 00:53:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

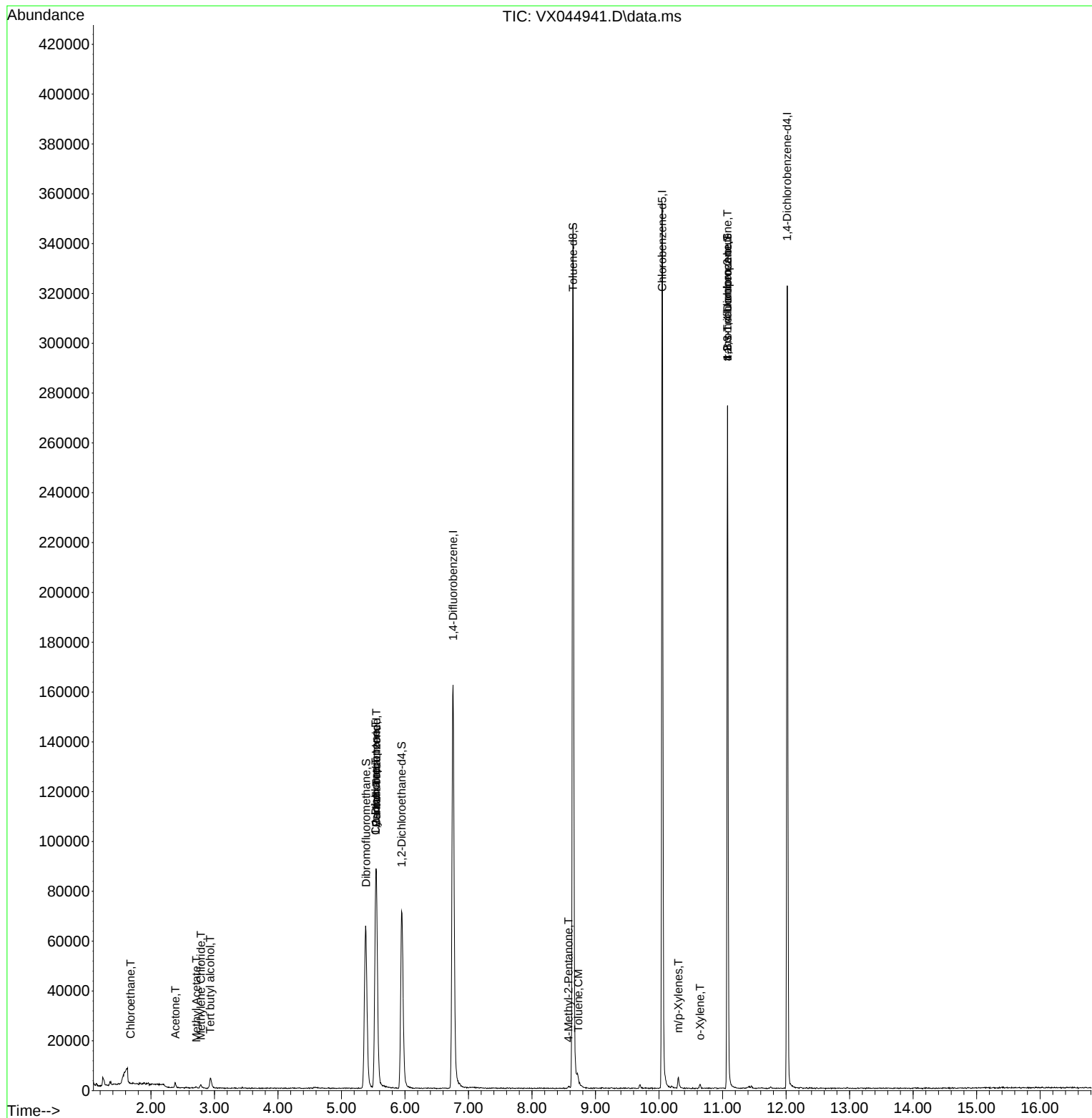
Internal Standards						
1) Pentafluorobenzene	5.550	168	84607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	171255	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	157249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67934	54.852	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.700%	
35) Dibromofluoromethane	5.385	113	57263	51.429	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.860%	
50) Toluene-d8	8.647	98	215155	51.101	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	11.079	95	72785	51.278	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.560%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.679	64	177	1.602	ug/l #	42
11) Tert butyl alcohol	2.934	59	2380	10.359	ug/l #	73
16) Acetone	2.386	43	1941	3.898	ug/l	88
18) Methyl Acetate	2.715	43	651	0.414	ug/l #	58
20) Methylene Chloride	2.788	84	603	0.494	ug/l #	90
31) Cyclohexane	5.538	56	2166	1.126	ug/l #	5
36) 1,1-Dichloropropene	5.538	75	7699	4.793	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9022	5.731	ug/l #	15
51) 4-Methyl-2-Pentanone	8.574	43	688	0.392	ug/l	100
52) Toluene	8.726	92	1173	0.393	ug/l	85
68) m/p-Xylenes	10.305	106	1411	0.642	ug/l	98
69) o-Xylene	10.646	106	510	0.231	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	38690	27.243	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	38690	70.079	ug/l #	11

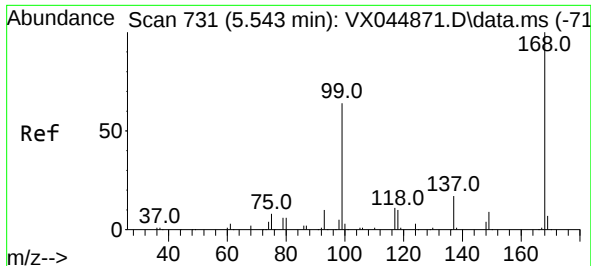
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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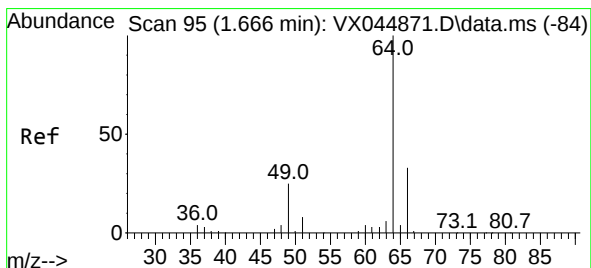
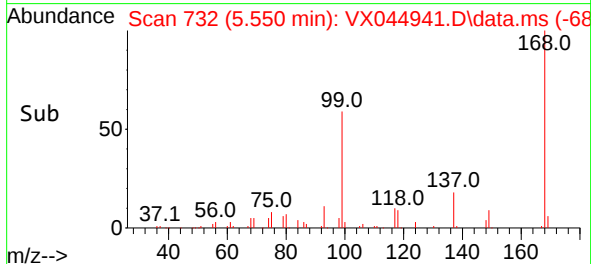
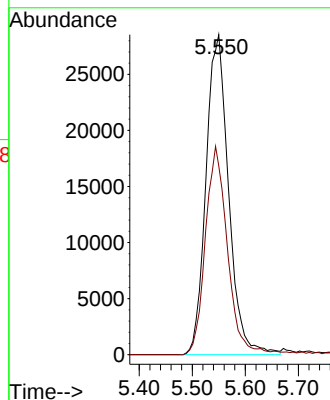
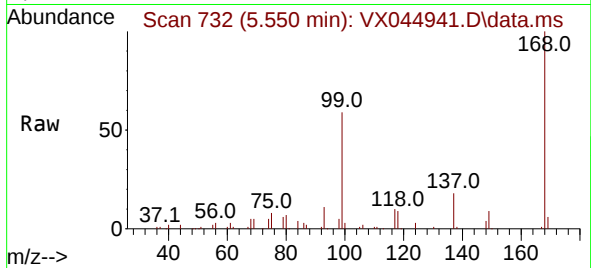




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

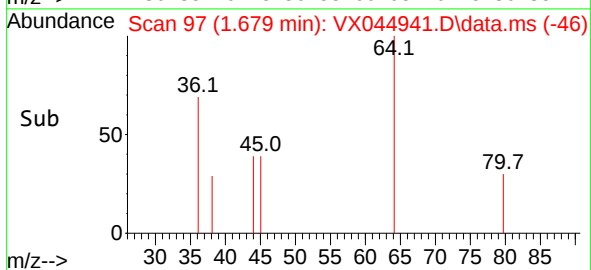
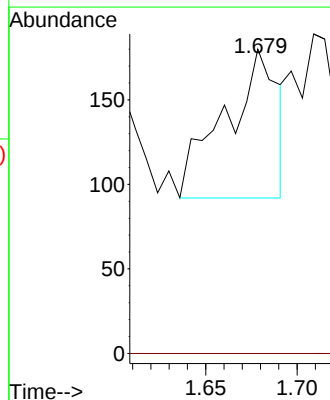
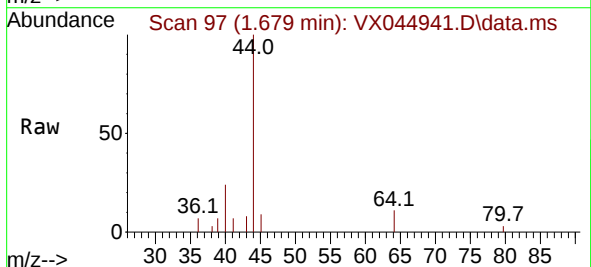
Instrument :
MSVOA_X
ClientSampleId :
CARBON-WATER

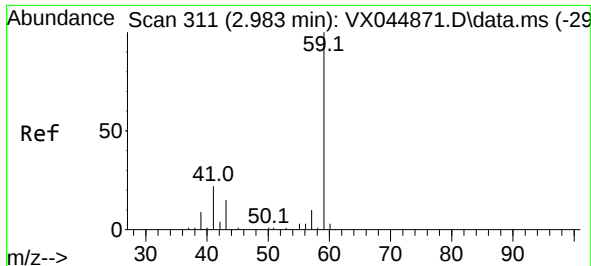
Tgt Ion:168 Resp: 84607
Ion Ratio Lower Upper
168 100
99 59.0 51.2 76.8



#6
Chloroethane
Concen: 1.602 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.013 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

Tgt Ion: 64 Resp: 177
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

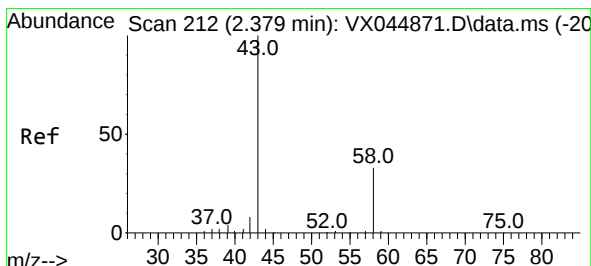
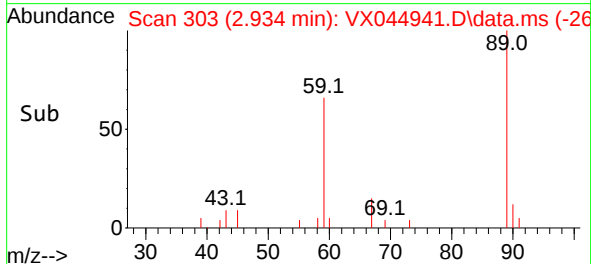
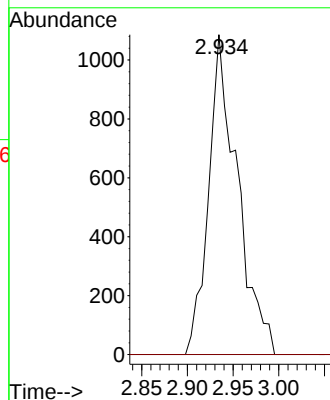
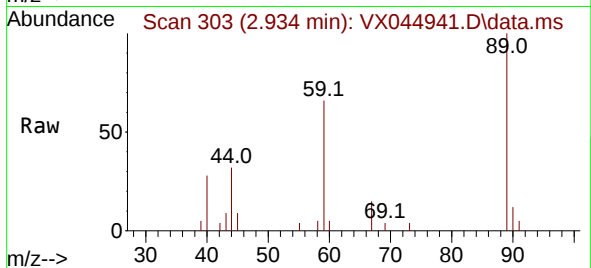




#11
Tert butyl alcohol
Concen: 10.359 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.048 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

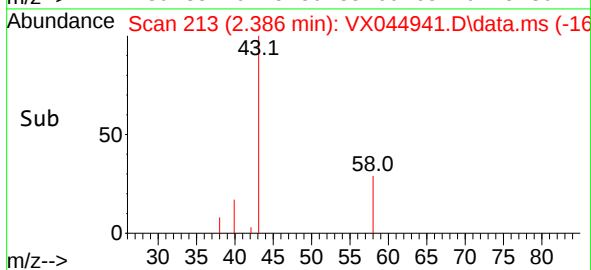
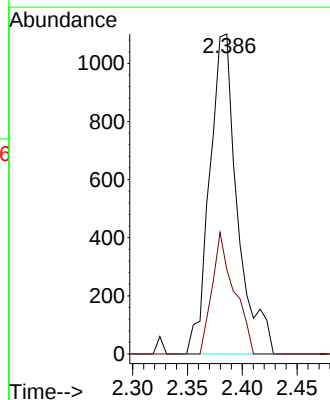
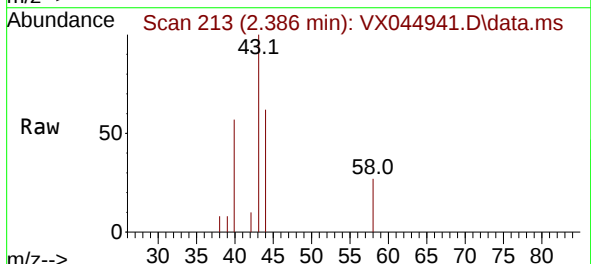
Instrument :
MSVOA_X
ClientSampleId :
CARBON-WATER

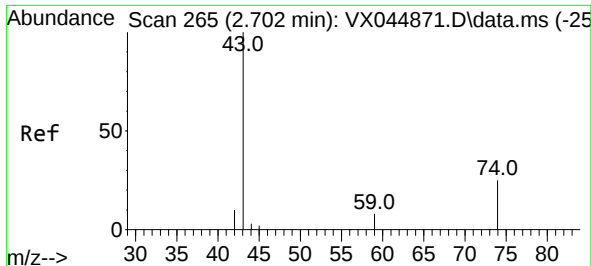
Tgt Ion: 59 Resp: 2380
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 3.898 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
58 26.5 26.5 39.7





#18

Methyl Acetate

Concen: 0.414 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.013 min

Lab File: VX044941.D

Acq: 12 Feb 2025 18:16

Instrument :

MSVOA_X

ClientSampleId :

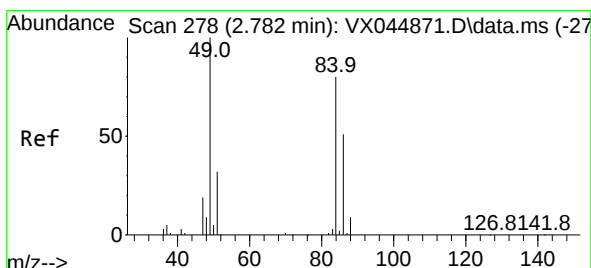
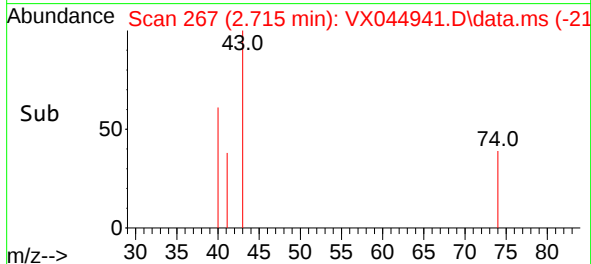
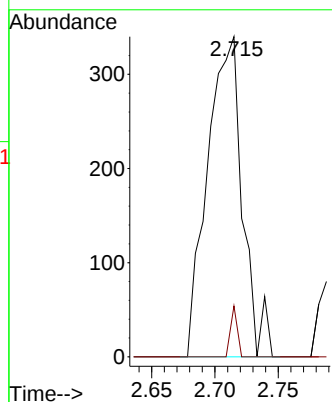
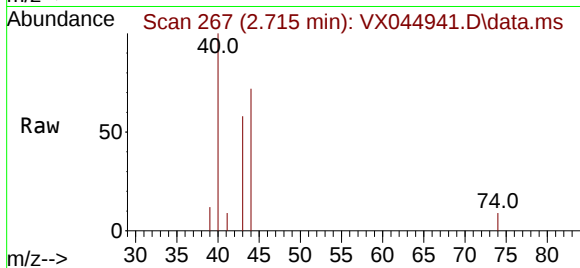
CARBON-WATER

Tgt Ion: 43 Resp: 651

Ion Ratio Lower Upper

43 100

74 3.1 18.9 28.3#



#20

Methylene Chloride

Concen: 0.494 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX044941.D

Acq: 12 Feb 2025 18:16

Tgt Ion: 84 Resp: 603

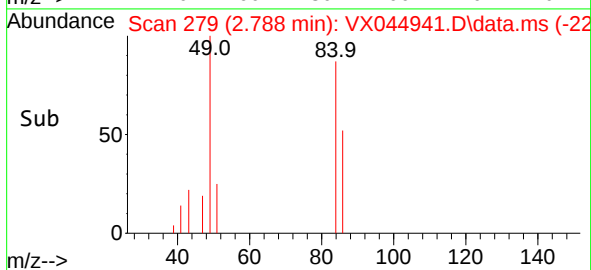
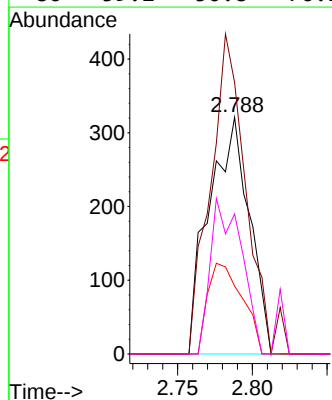
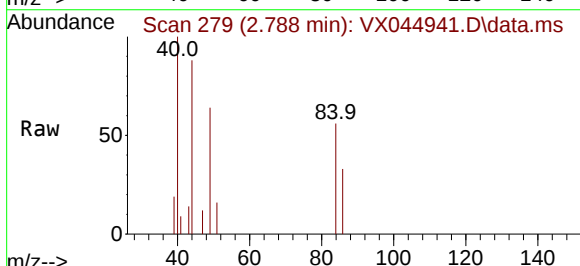
Ion Ratio Lower Upper

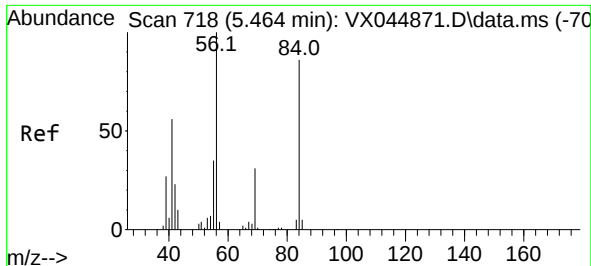
84 100

49 114.6 100.1 150.1

51 28.7 31.7 47.5#

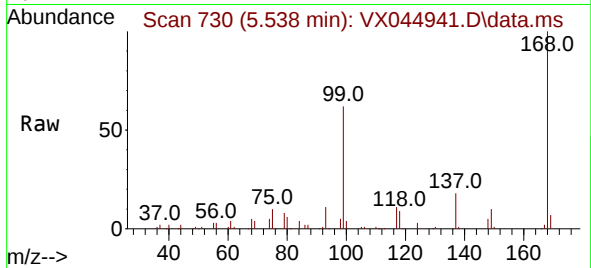
86 59.2 50.8 76.2



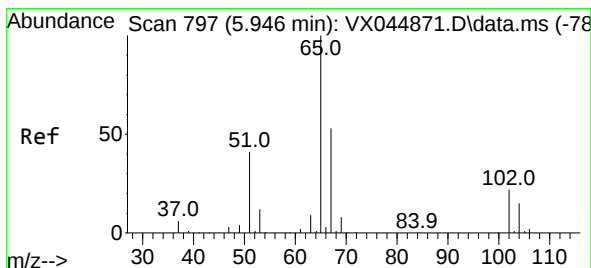
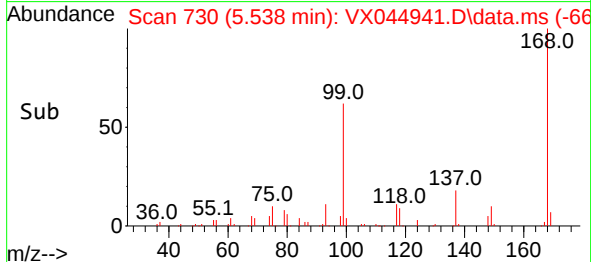
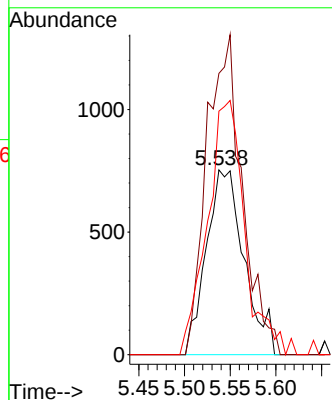


#31
Cyclohexane
Concen: 1.126 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.074 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

Instrument :
MSVOA_X
ClientSampleId :
CARBON-WATER

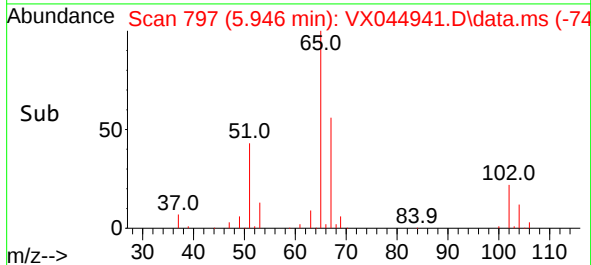
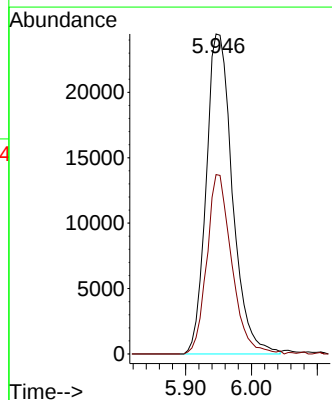
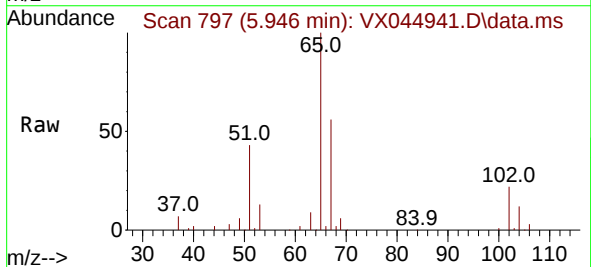


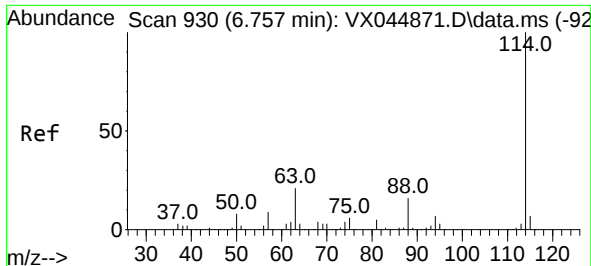
Tgt Ion: 56 Resp: 2166
Ion Ratio Lower Upper
56 100
69 152.1 24.4 36.6#
84 131.7 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 54.852 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

Tgt Ion: 65 Resp: 67934
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.2

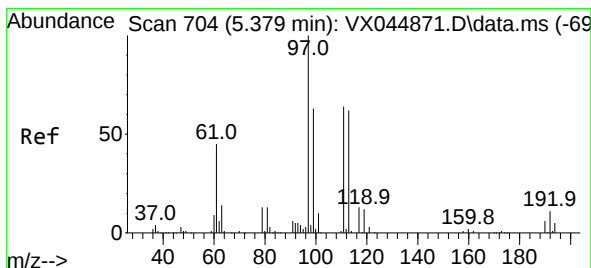
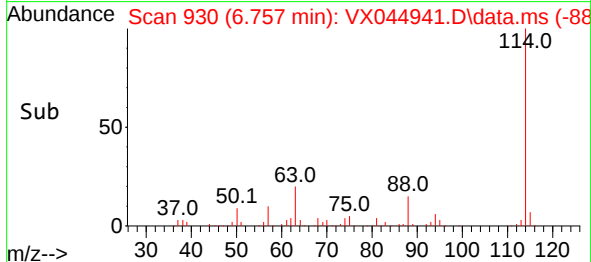
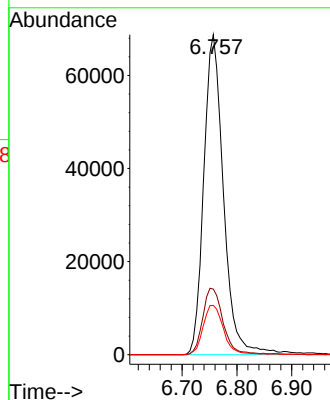
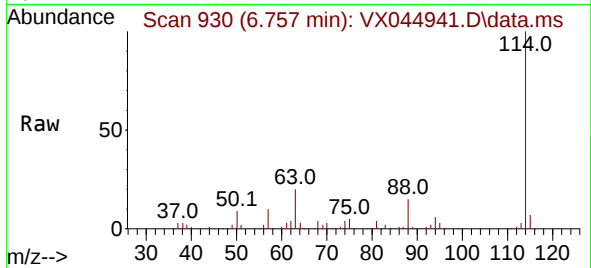




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

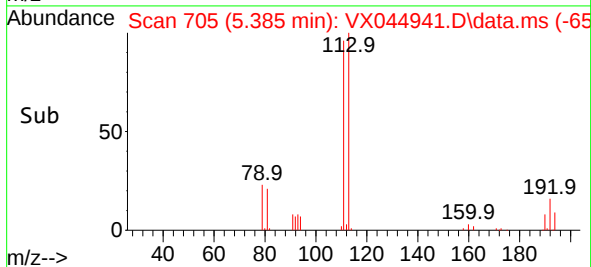
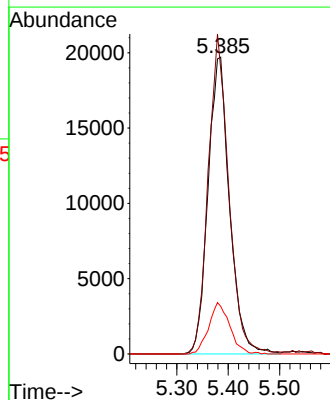
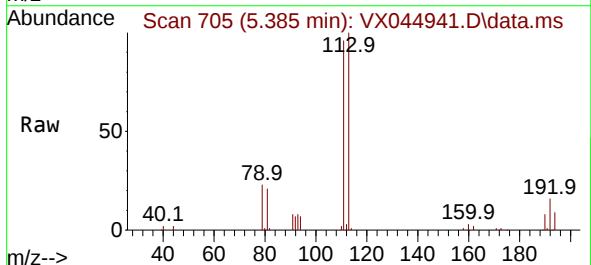
Instrument :
MSVOA_X
ClientSampleId :
CARBON-WATER

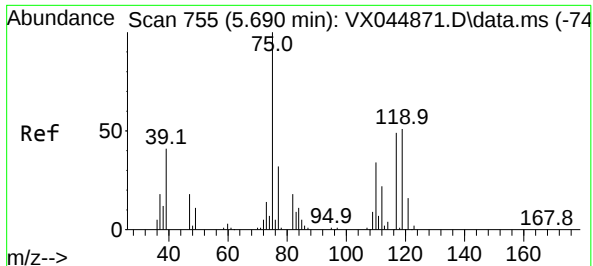
Tgt Ion:114 Resp: 171255
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 15.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.429 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

Tgt Ion:113 Resp: 57263
Ion Ratio Lower Upper
113 100
111 102.9 83.5 125.3
192 16.8 14.4 21.6





#36

1,1-Dichloropropene

Concen: 4.793 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.152 min

Lab File: VX044941.D

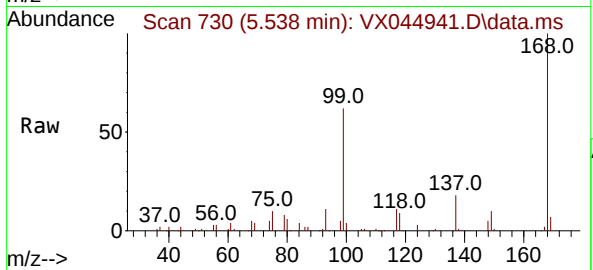
Acq: 12 Feb 2025 18:16

Instrument :

MSVOA_X

ClientSampleId :

CARBON-WATER



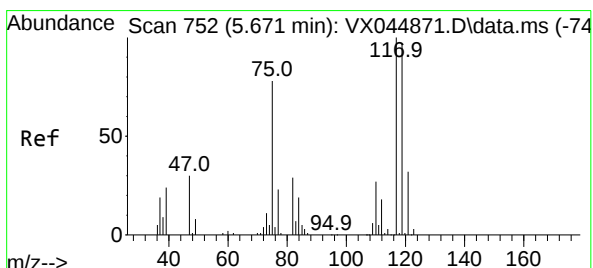
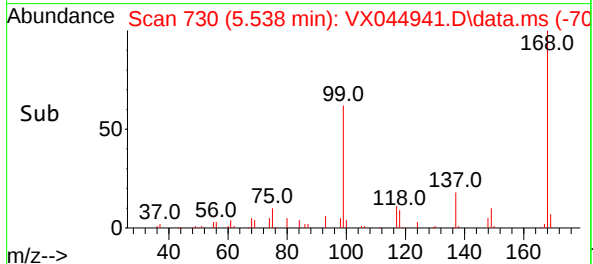
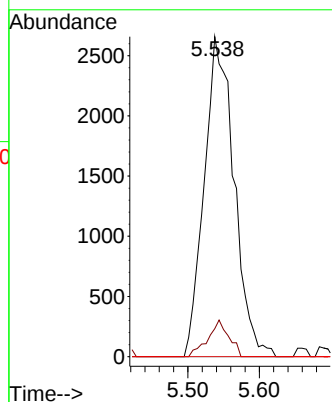
Tgt Ion: 75 Resp: 7699

Ion Ratio Lower Upper

75 100

110 8.0 17.2 51.6#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.731 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX044941.D

Acq: 12 Feb 2025 18:16

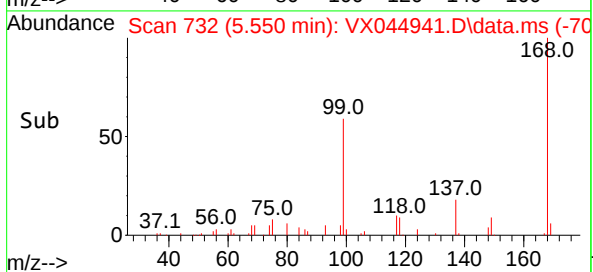
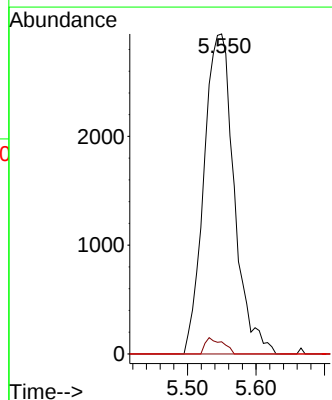
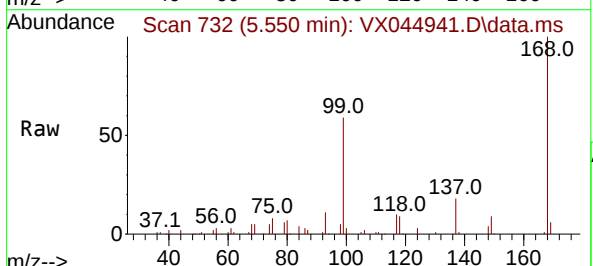
Tgt Ion: 117 Resp: 9022

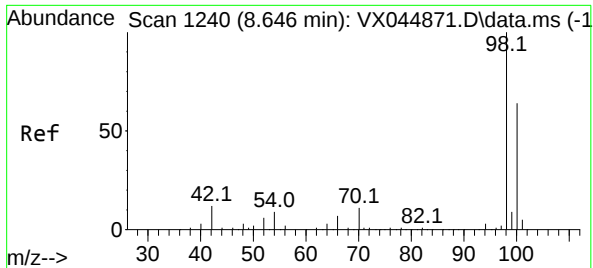
Ion Ratio Lower Upper

117 100

119 3.8 77.5 116.3#

121 0.0 25.6 38.4#

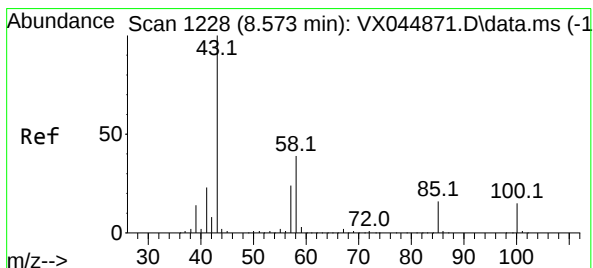
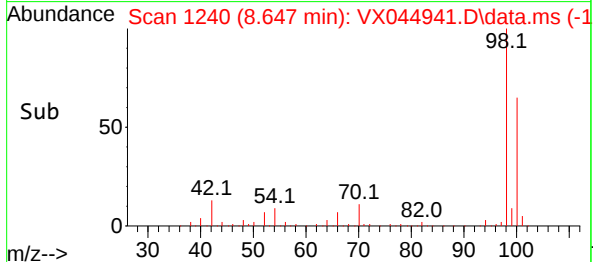
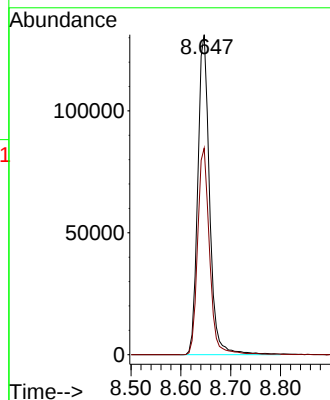
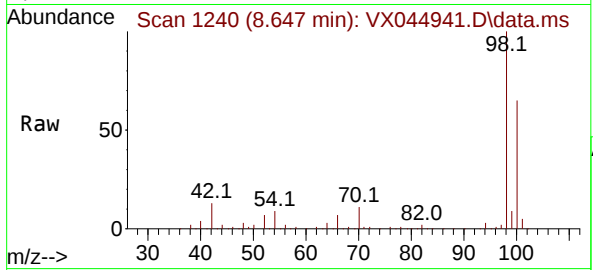




#50
Toluene-d8
Concen: 51.101 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

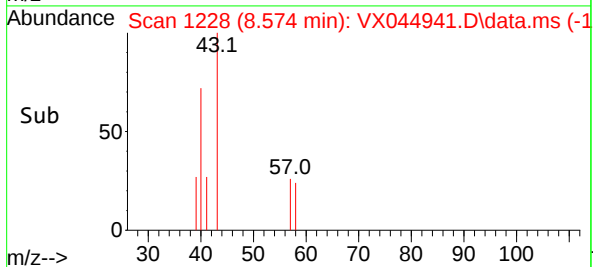
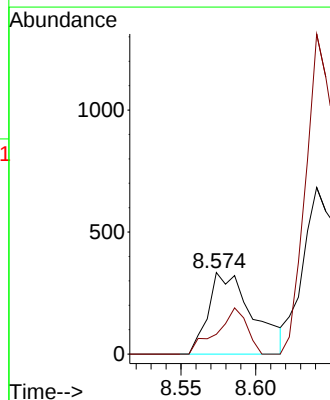
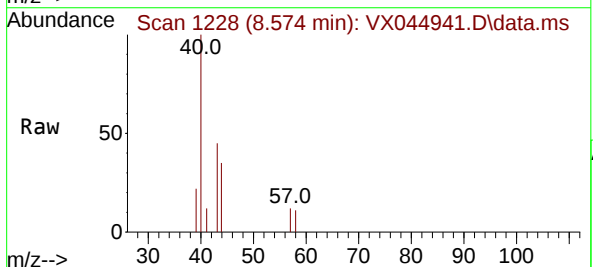
Instrument :
MSVOA_X
ClientSampleId :
CARBON-WATER

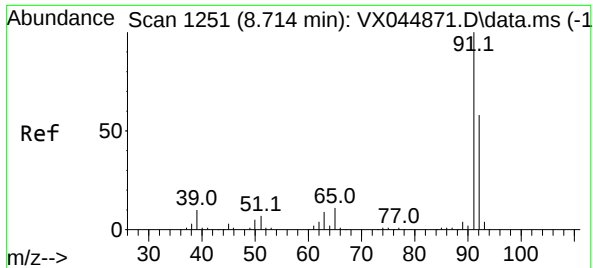
Tgt Ion: 98 Resp: 215155
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.392 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
58 38.5 30.8 46.2

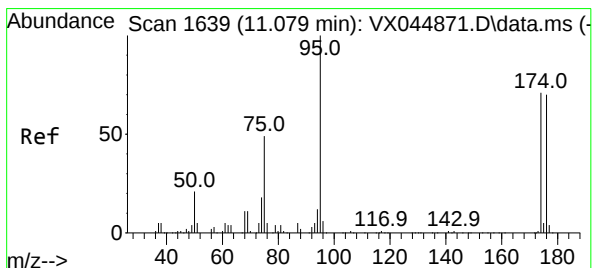
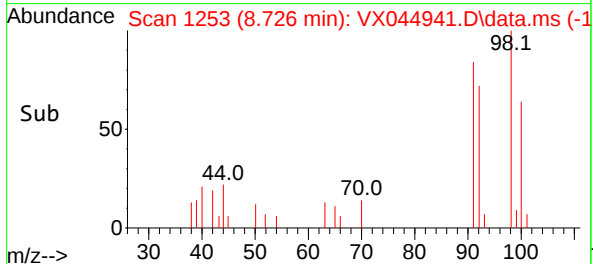
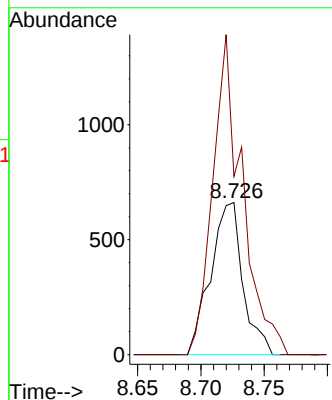
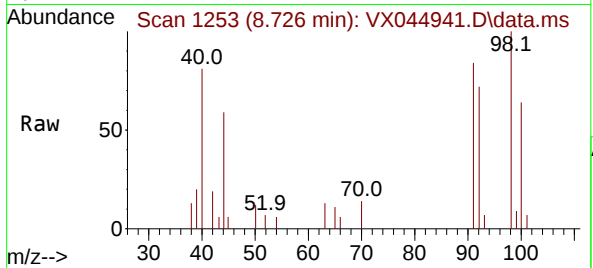




#52
Toluene
Concen: 0.393 ug/l
RT: 8.726 min Scan# 1173
Delta R.T. 0.013 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

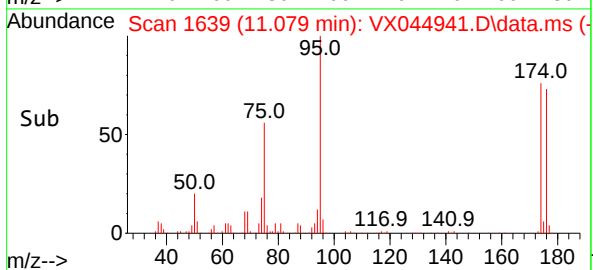
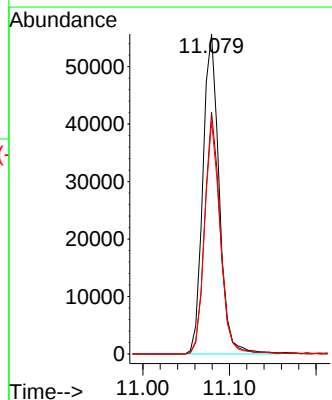
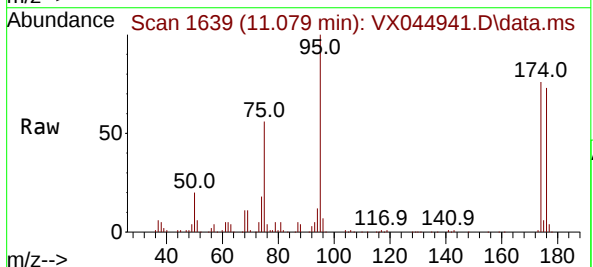
Instrument :
MSVOA_X
ClientSampleId :
CARBON-WATER

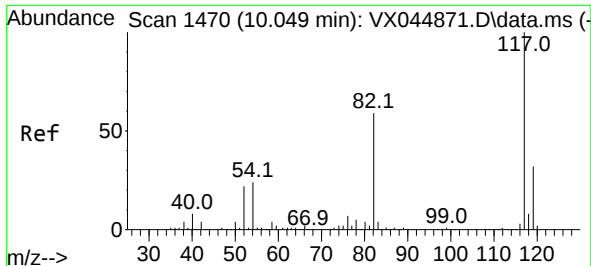
Tgt Ion: 92 Resp: 1173
Ion Ratio Lower Upper
92 100
91 192.5 137.4 206.2



#62
4-Bromofluorobenzene
Concen: 51.278 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

Tgt Ion: 95 Resp: 72785
Ion Ratio Lower Upper
95 100
174 72.2 0.0 142.6
176 69.9 0.0 141.6

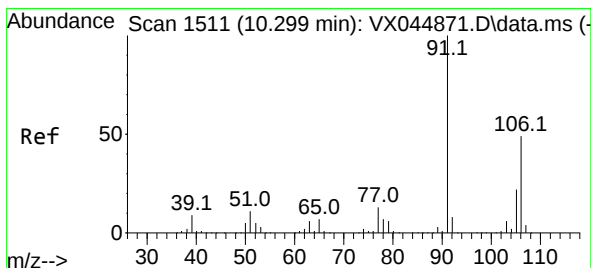
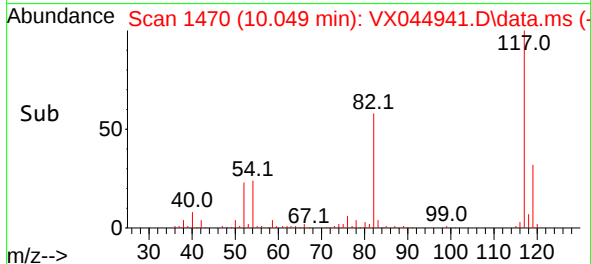
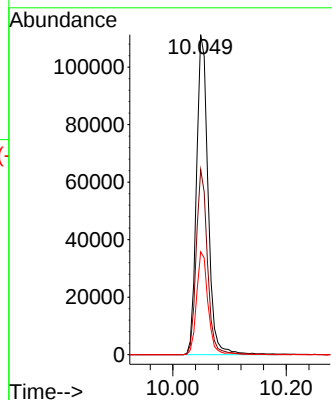
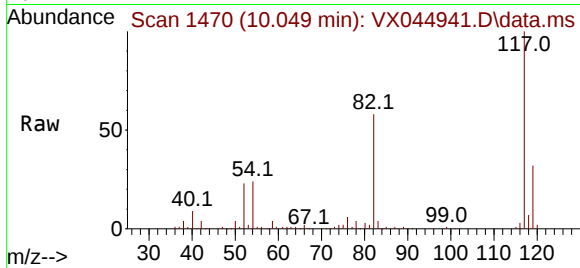




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

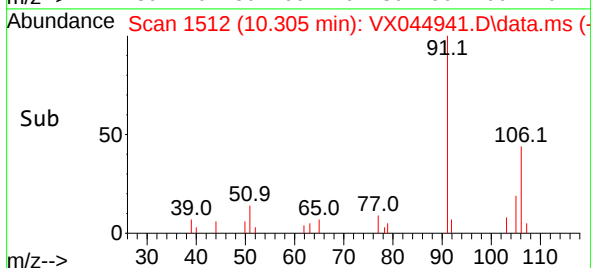
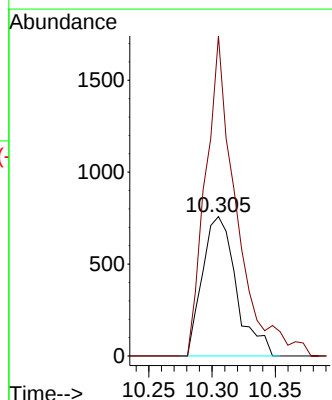
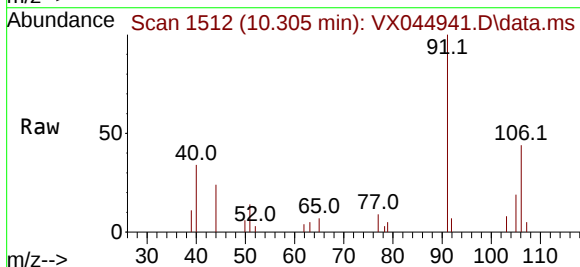
Instrument :
MSVOA_X
ClientSampleId :
CARBON-WATER

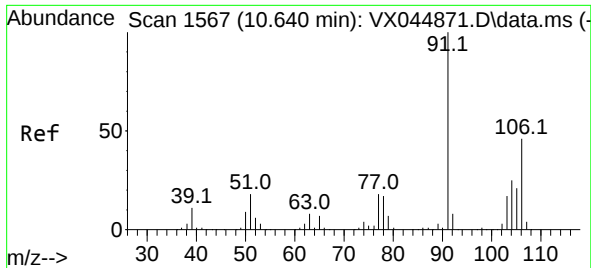
Tgt Ion:117 Resp: 157249
Ion Ratio Lower Upper
117 100
82 57.8 47.5 71.3
119 32.1 25.4 38.0



#68
m/p-Xylenes
Concen: 0.642 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

Tgt Ion:106 Resp: 1411
Ion Ratio Lower Upper
106 100
91 208.3 164.3 246.5

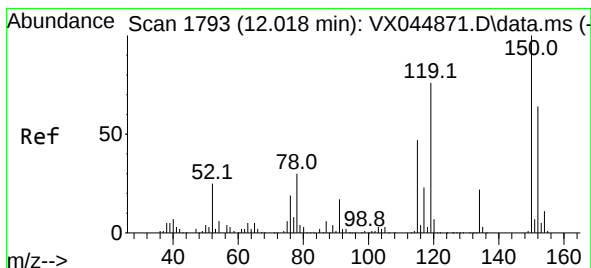
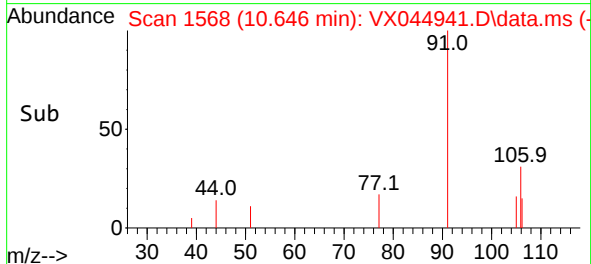
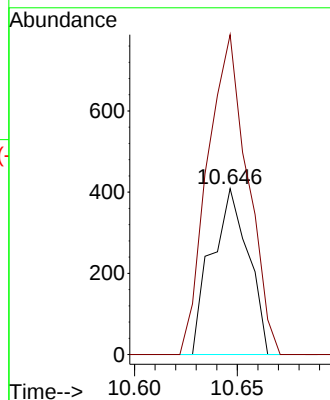
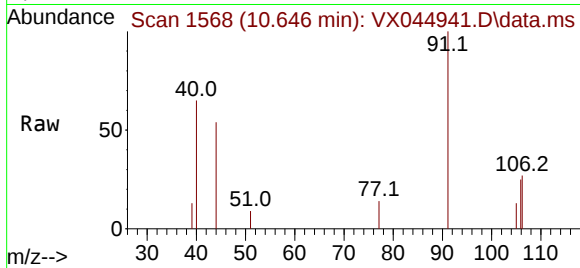




#69
o-Xylene
Concen: 0.231 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

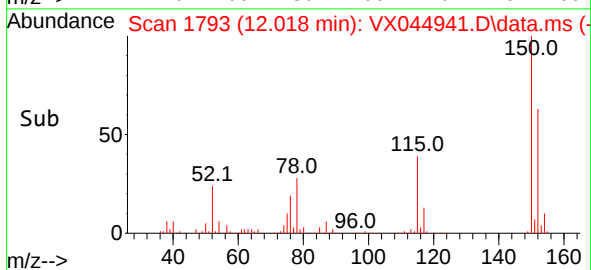
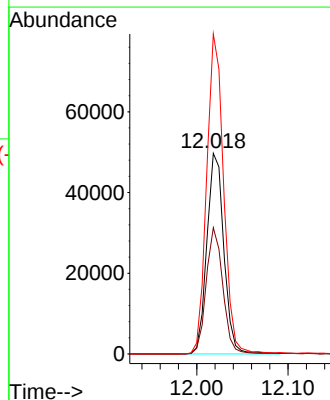
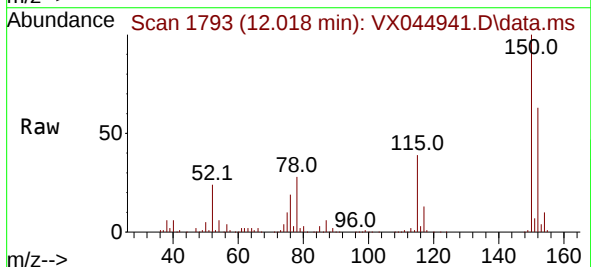
Instrument :
MSVOA_X
ClientSampleId :
CARBON-WATER

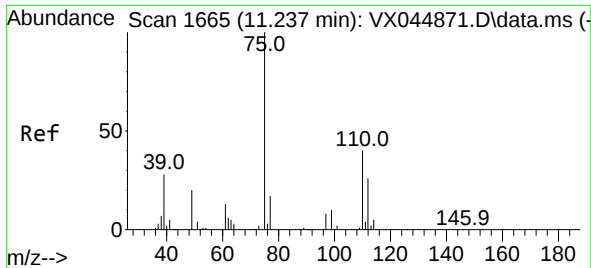
Tgt Ion:106 Resp: 510
Ion Ratio Lower Upper
106 100
91 209.8 108.5 325.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

Tgt Ion:152 Resp: 64055
Ion Ratio Lower Upper
152 100
115 62.0 43.4 130.1
150 158.8 0.0 350.4

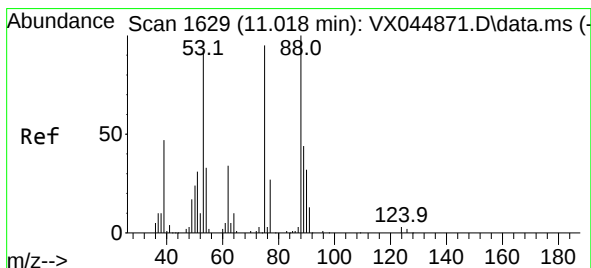
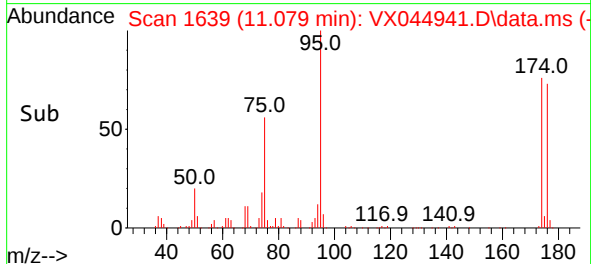
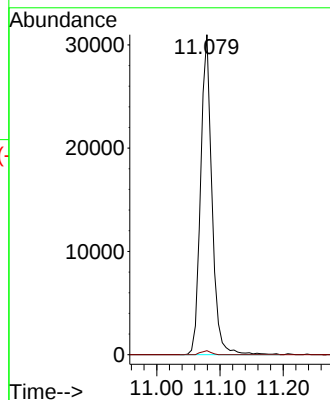
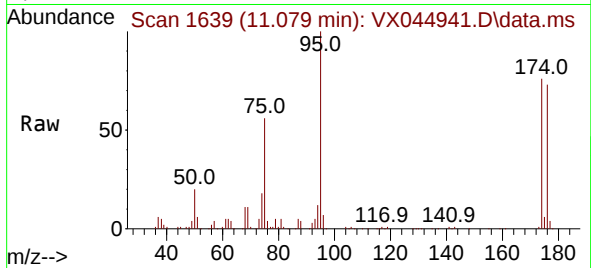




#76
1,2,3-Trichloropropane
Concen: 27.243 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

Instrument :
MSVOA_X
ClientSampleId :
CARBON-WATER

Tgt Ion: 75 Resp: 38690
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.079 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044941.D
Acq: 12 Feb 2025 18:16

Tgt Ion: 75 Resp: 38690
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 36.6 54.8#

