

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044643.D
 Acq On : 09 Jan 2025 04:19
 Operator : JC/MD
 Sample : VX0108WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 05:19:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jan 09 02:10:37 2025
 Response via : Initial Calibration

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

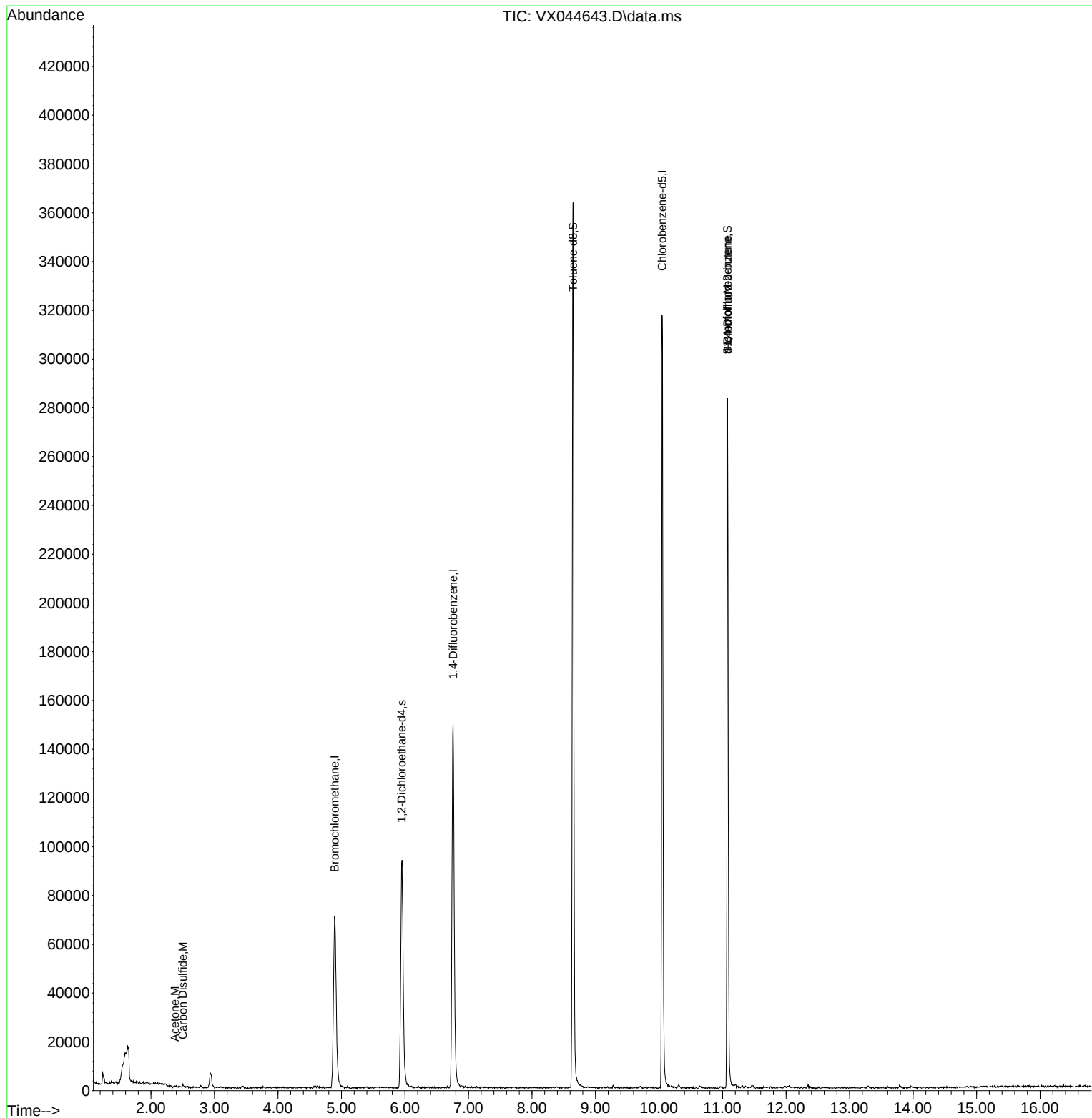
Internal Standards						
1) Bromochloromethane	4.891	128	29151	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	152078	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	155263	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	95423	29.899	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.667%
60) 4-Bromofluorobenzene	11.079	95	79036	27.266	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.900%
63) Toluene-d8	8.647	98	224095	25.814	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	86.0333#
Target Compounds						
					Qvalue	
15) Acetone	2.380	58	111	0.407	ug/l #	1
16) Carbon Disulfide	2.502	76	1173	0.265	ug/l	99
56) Bromoform	11.079	173	555	0.410	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	39897	44.490	ug/l #	5

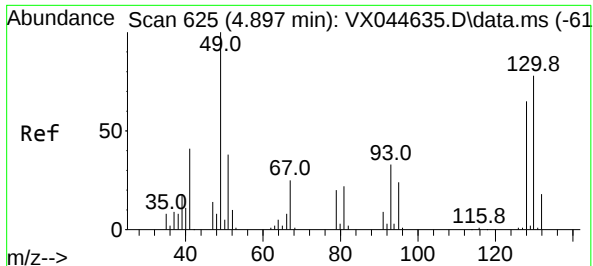
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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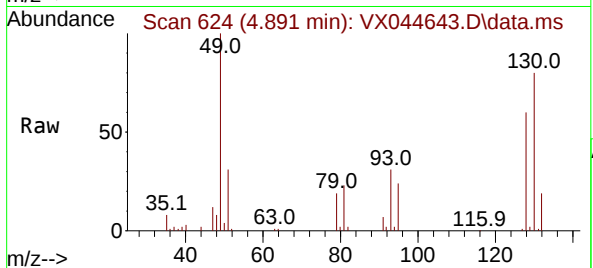
Quant Time: Jan 09 05:19:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010825W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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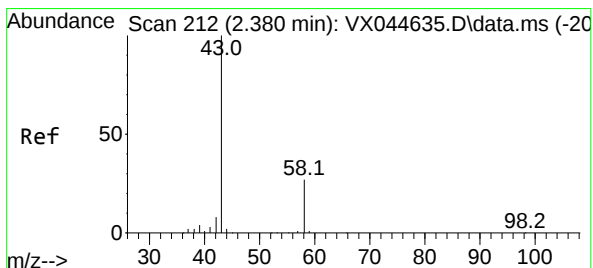
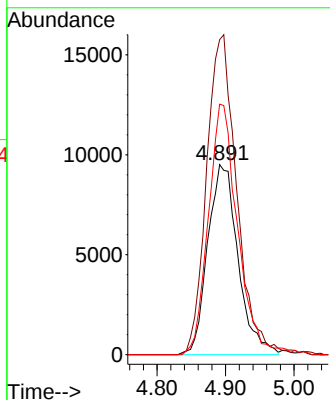
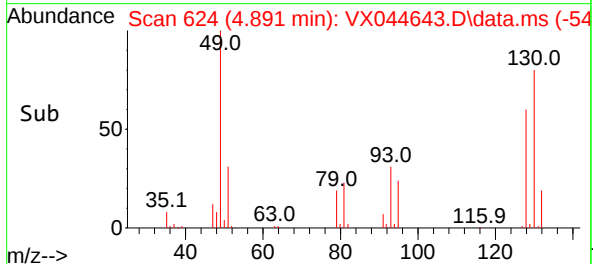


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044643.D
Acq: 09 Jan 2025 04:19

Instrument :
MSVOA_X
ClientSampleId :

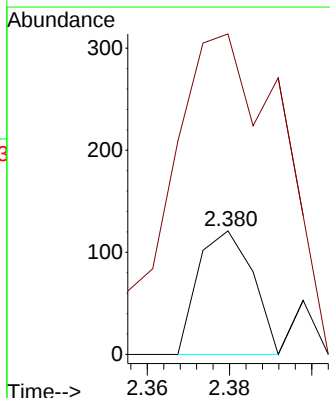
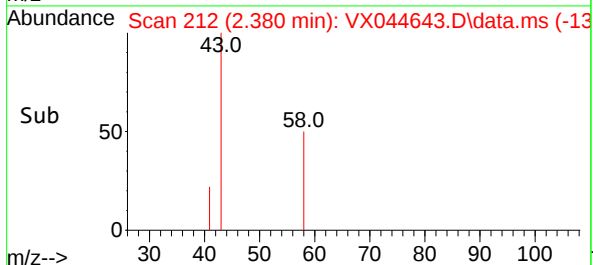
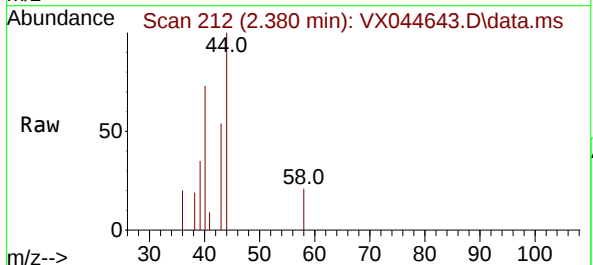


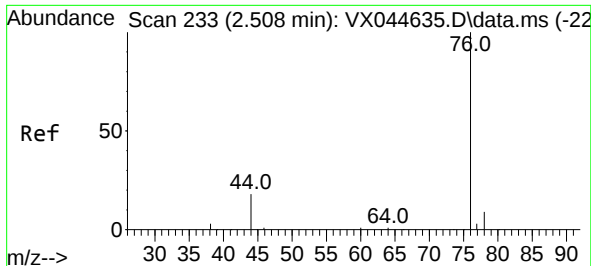
Tgt Ion:128 Resp: 29151
Ion Ratio Lower Upper
128 100
49 167.0 0.0 425.8
130 126.0 0.0 319.8



#15
Acetone
Concen: 0.407 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044643.D
Acq: 09 Jan 2025 04:19

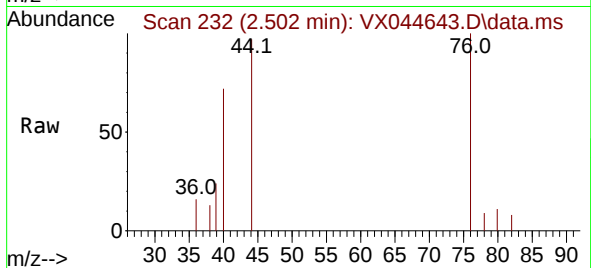
Tgt Ion: 58 Resp: 111
Ion Ratio Lower Upper
58 100
43 86.8 293.6 440.4#



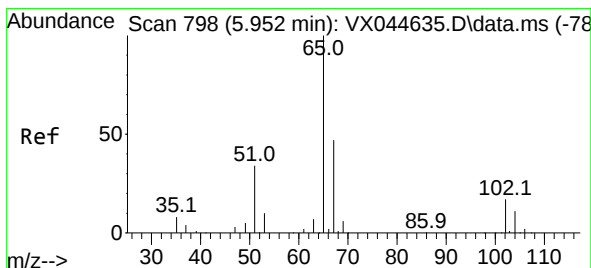
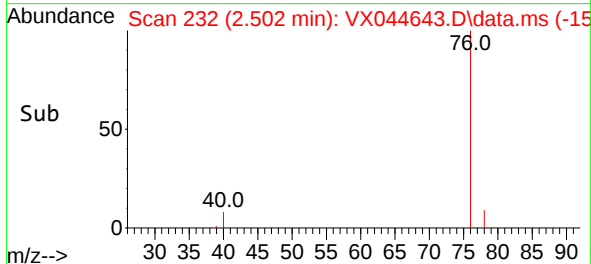
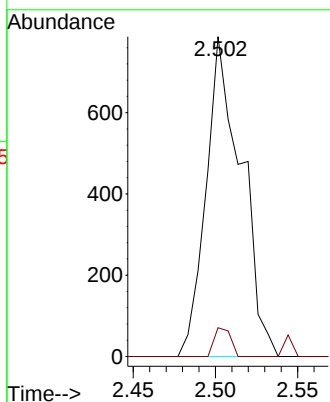


#16
Carbon Disulfide
Concen: 0.265 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044643.D
Acq: 09 Jan 2025 04:19

Instrument :
MSVOA_X
ClientSampleId :

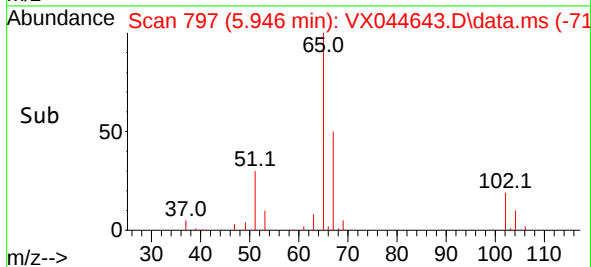
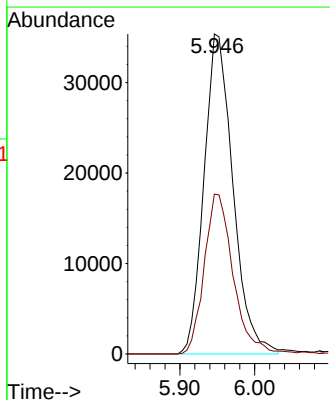
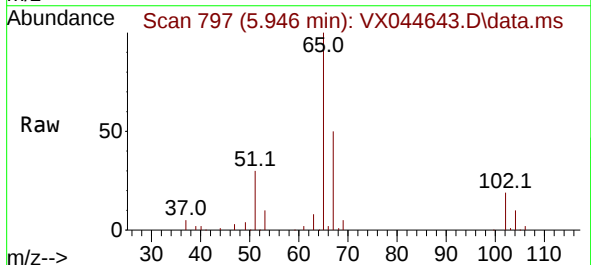


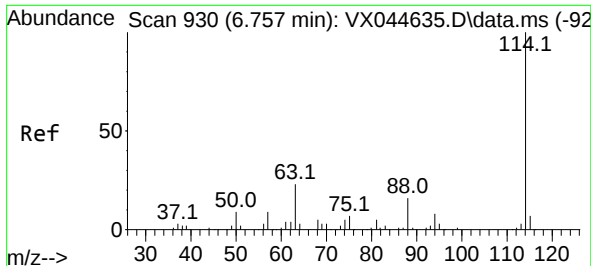
Tgt Ion: 76 Resp: 1173
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#27
1,2-Dichloroethane-d4
Concen: 29.899 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044643.D
Acq: 09 Jan 2025 04:19

Tgt Ion: 65 Resp: 95423
Ion Ratio Lower Upper
65 100
67 49.5 39.1 58.7

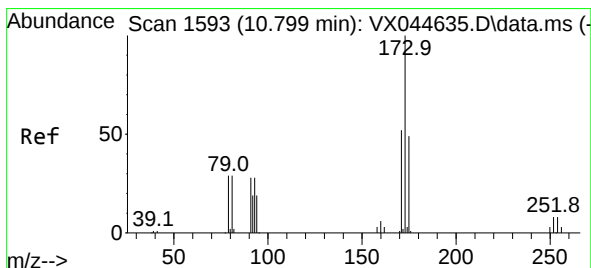
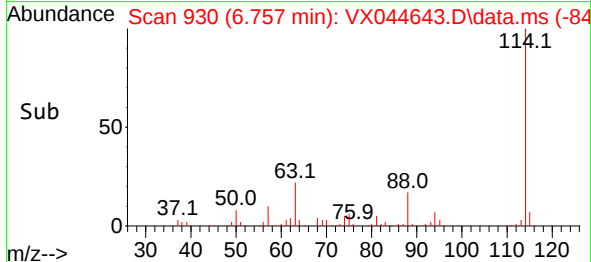
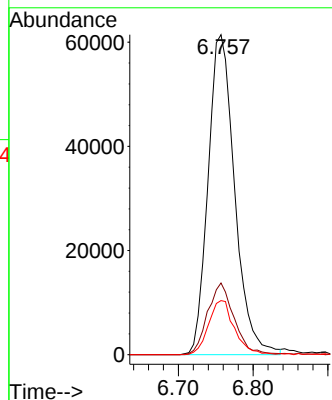
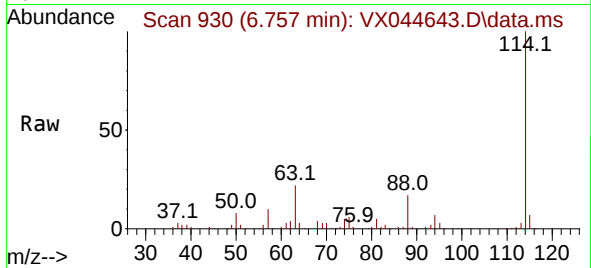




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044643.D
Acq: 09 Jan 2025 04:19

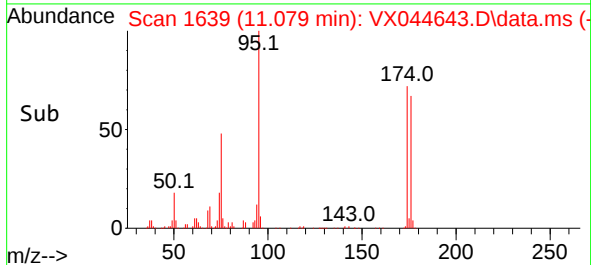
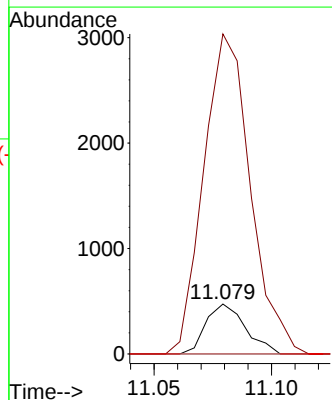
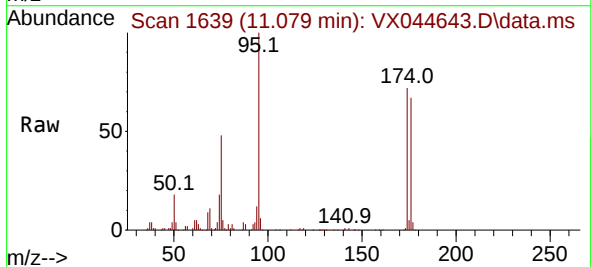
Instrument :
MSVOA_X
ClientSampleId :

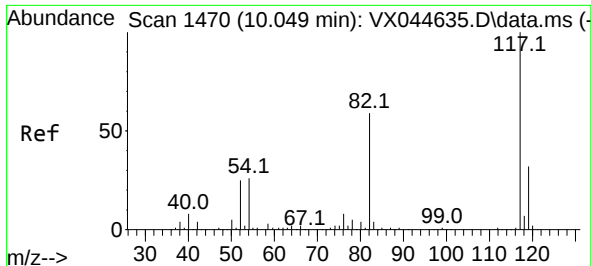
Tgt Ion:114 Resp: 152078
Ion Ratio Lower Upper
114 100
63 22.2 17.7 26.5
88 16.4 13.1 19.7



#56
Bromoform
Concen: 0.410 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.281 min
Lab File: VX044643.D
Acq: 09 Jan 2025 04:19

Tgt Ion:173 Resp: 555
Ion Ratio Lower Upper
173 100
175 757.1 39.1 58.7#
254 0.0 5.8 8.8#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044643.D

Acq: 09 Jan 2025 04:19

Instrument :

MSVOA_X

ClientSampleId :

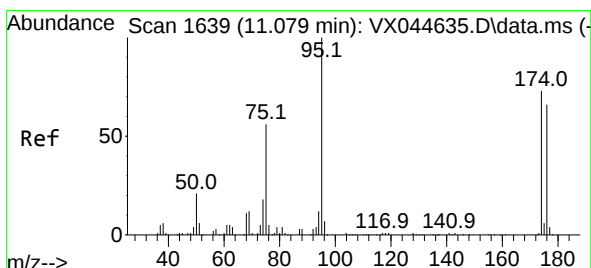
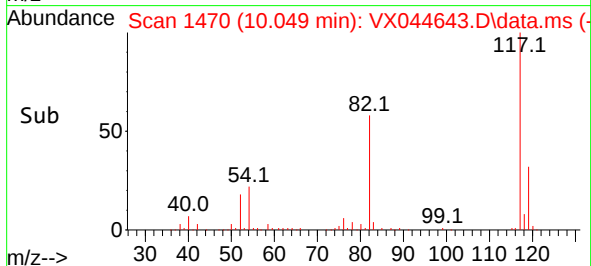
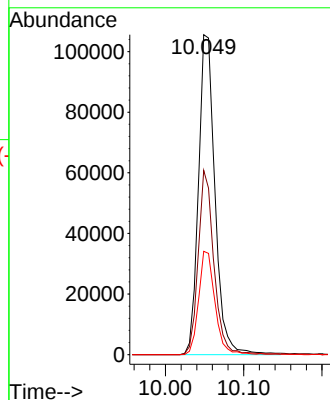
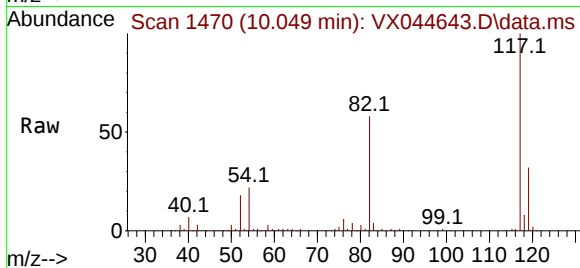
Tgt Ion:117 Resp: 155263

Ion Ratio Lower Upper

117 100

82 54.0 46.2 69.4

119 31.9 25.5 38.3



#60

4-Bromofluorobenzene

Concen: 27.266 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044643.D

Acq: 09 Jan 2025 04:19

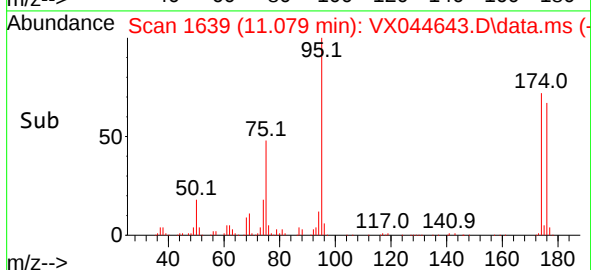
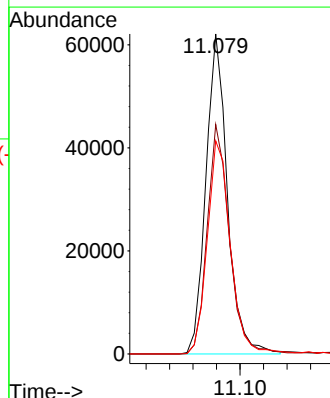
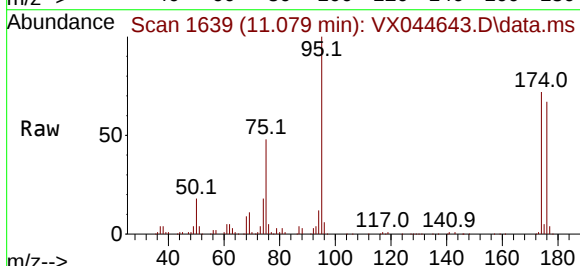
Tgt Ion: 95 Resp: 79036

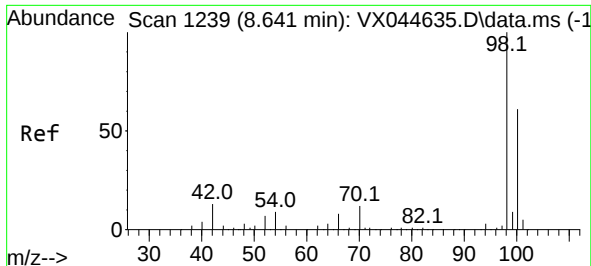
Ion Ratio Lower Upper

95 100

174 73.8 58.6 88.0

176 71.6 55.2 82.8

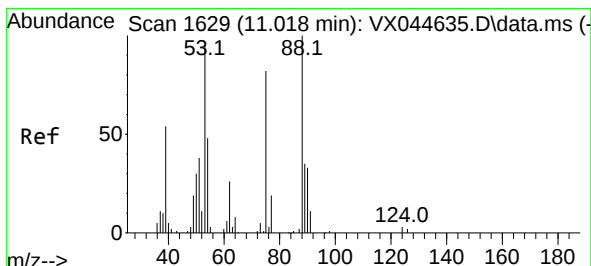
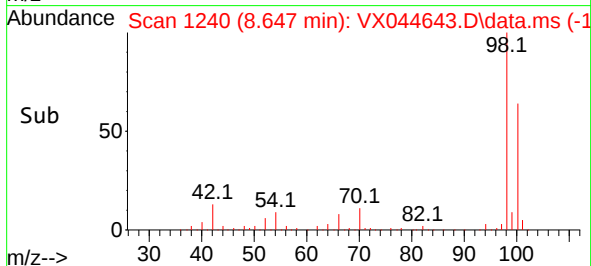
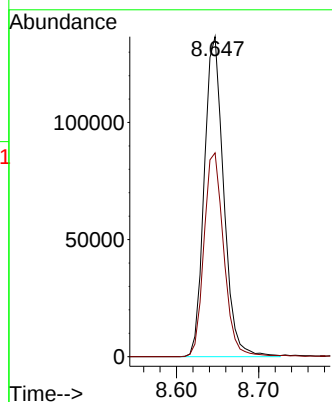
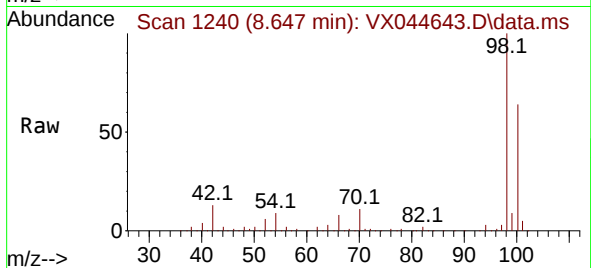




#63
Toluene-d8
Concen: 25.814 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044643.D
Acq: 09 Jan 2025 04:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 224095
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#77
t-1,4-Dichloro-2-butene
Concen: 44.490 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044643.D
Acq: 09 Jan 2025 04:19

Tgt Ion: 75 Resp: 39897
Ion Ratio Lower Upper
75 100
53 0.0 57.4 172.2#
89 0.0 21.3 64.0#

