

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
 Data File : VX044774.D
 Acq On : 30 Jan 2025 11:37
 Operator : JC/MD
 Sample : Q1212-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(JAN)

Quant Time: Jan 30 12:09:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

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

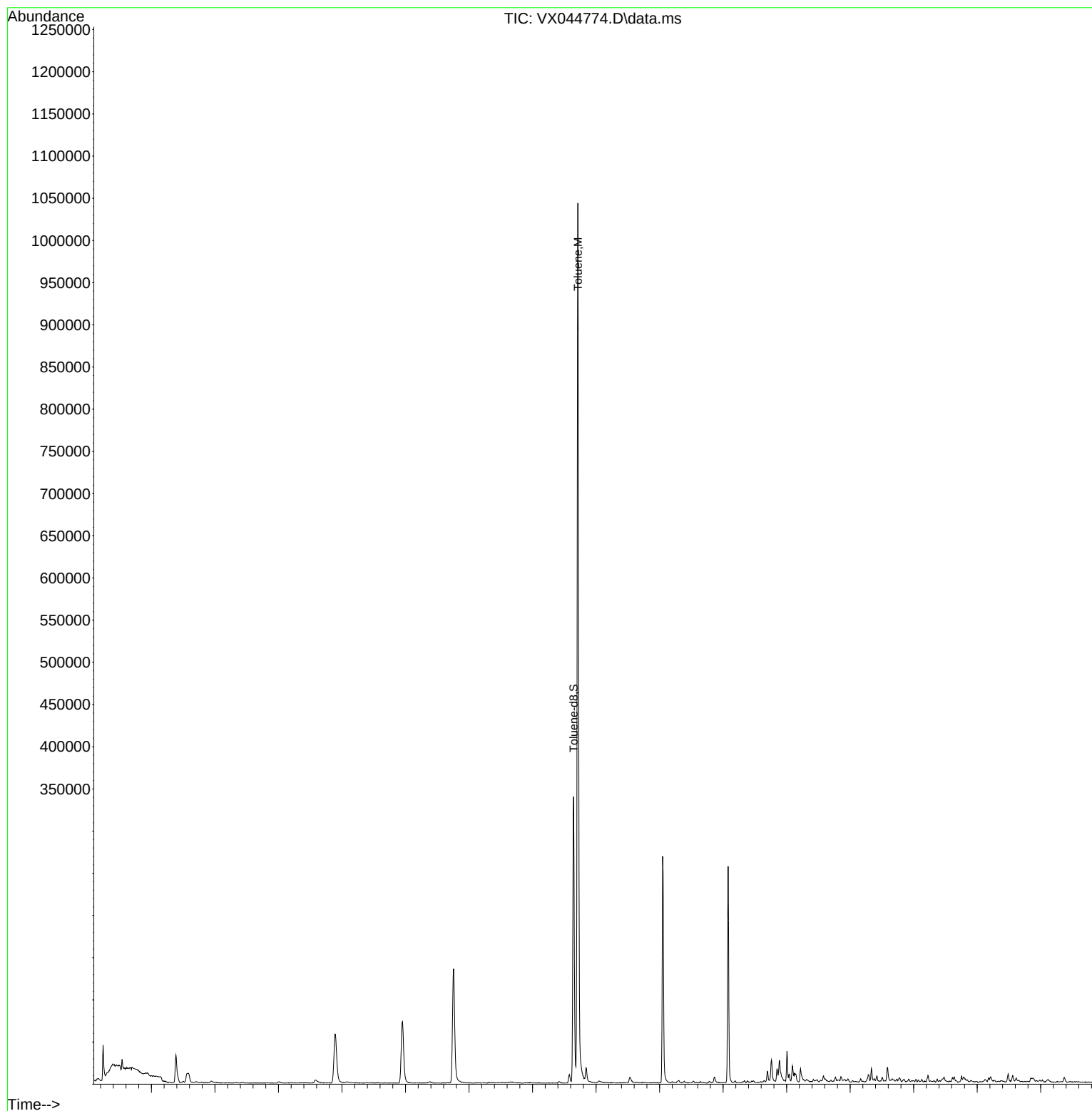
Internal Standards						
1) Bromochloromethane	4.897	128	25775	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	145121	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	129652	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	69149	27.790	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.633%
60) 4-Bromofluorobenzene	11.079	95	69838	27.732	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.433%
63) Toluene-d8	8.647	98	216585	30.714	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.367%
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.709	43	1134	0.408	ug/l #	80
15) Acetone	2.386	58	11092	40.814	ug/l	83
16) Carbon Disulfide	2.495	76	2044	0.386	ug/l #	86
58) 4-Methyl-2-Pentanone	8.580	43	6672	2.441	ug/l	98
62) Toluene	8.714	91	707342	82.855	ug/l	98
67) m/p-Xylenes	10.305	106	781	0.228	ug/l	81
80) 1,2,4-Trimethylbenzene	11.750	105	4082	0.577	ug/l	81
82) p-Isopropyltoluene	12.006	119	15767	2.226	ug/l	100
91) Naphthalene	13.780	128	3341	0.402	ug/l	95

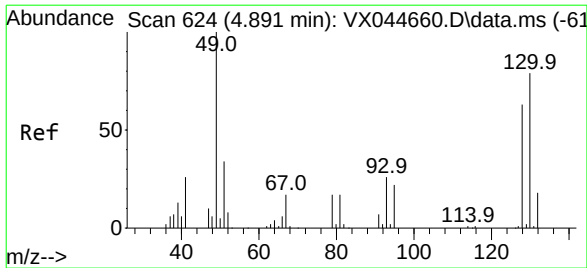
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013025\
Data File : VX044774.D
Acq On : 30 Jan 2025 11:37
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

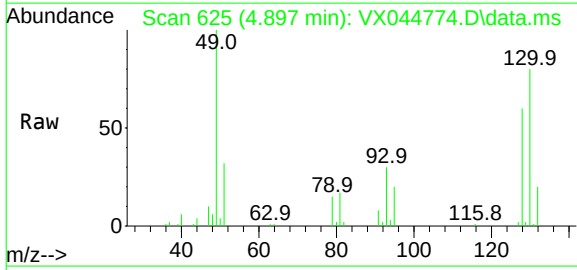
Quant Time: Jan 30 12:09:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jan 17 01:21:41 2025
Response via : Initial Calibration



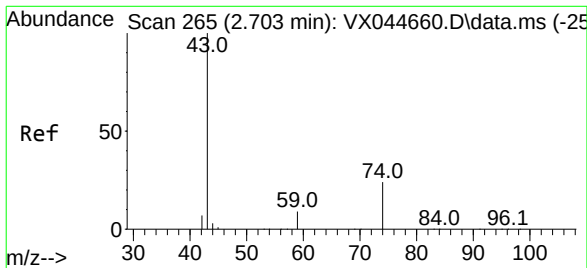
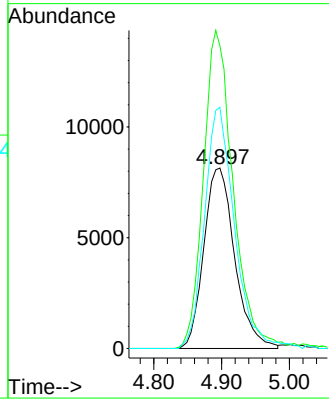
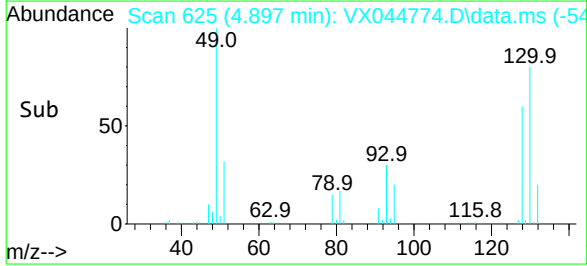


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 62
Delta R.T. 0.006 min
Lab File: VX044774.D
Acq: 30 Jan 2025 11:37

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

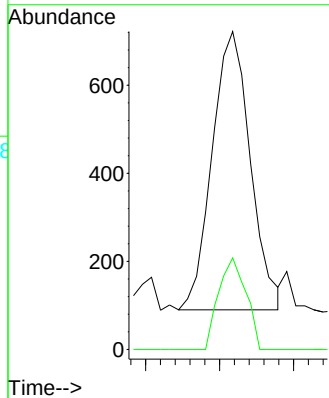
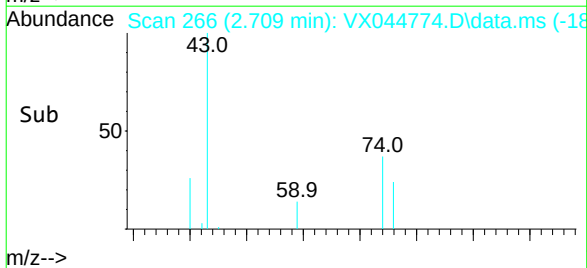
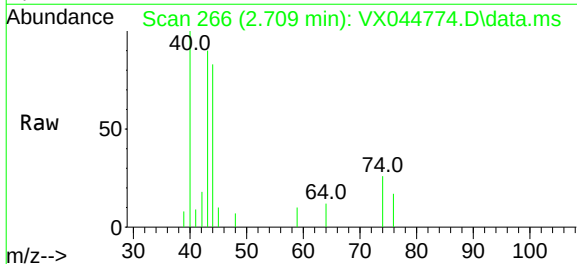


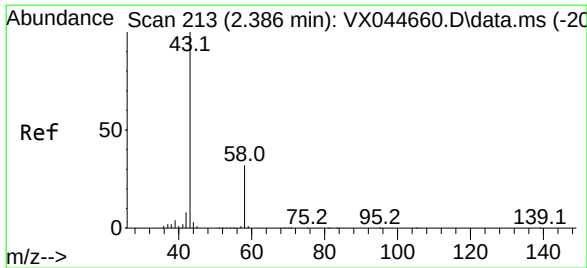
Tgt Ion:128 Resp: 25775
Ion Ratio Lower Upper
128 100
49 169.1 0.0 411.5
130 129.2 0.0 324.3



#12
Methyl Acetate
Concen: 0.408 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX044774.D
Acq: 30 Jan 2025 11:37

Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
74 34.3 19.4 29.2#





#15

Acetone

Concen: 40.814 ug/l

RT: 2.386 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX044774.D

Acq: 30 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

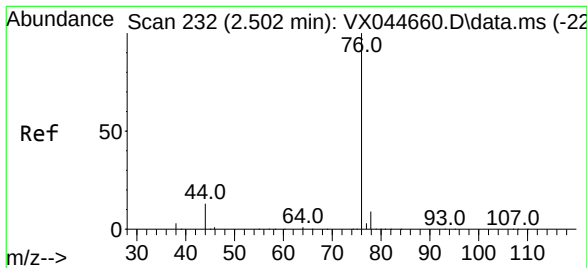
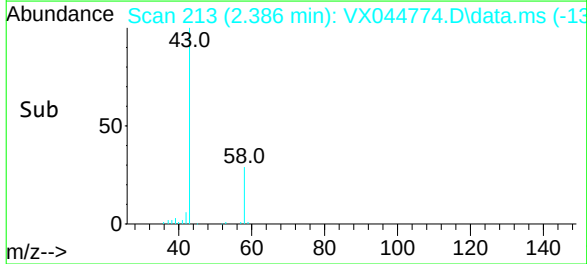
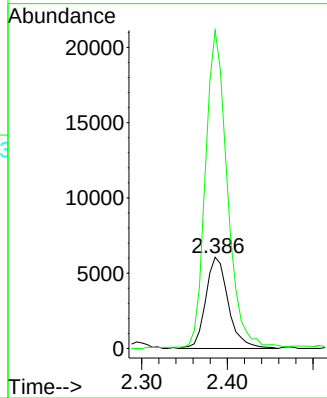
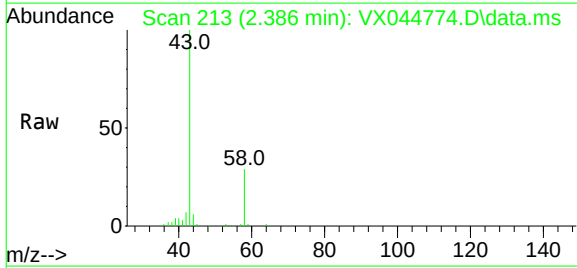
002-35TH-AVE(JAN)

Tgt Ion: 58 Resp: 11092

Ion Ratio Lower Upper

58 100

43 347.0 251.0 376.4



#16

Carbon Disulfide

Concen: 0.386 ug/l

RT: 2.495 min Scan# 231

Delta R.T. -0.006 min

Lab File: VX044774.D

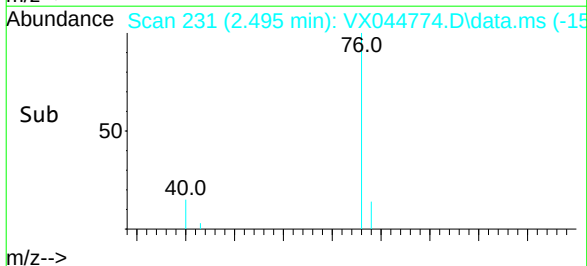
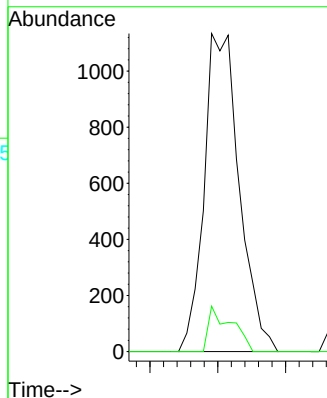
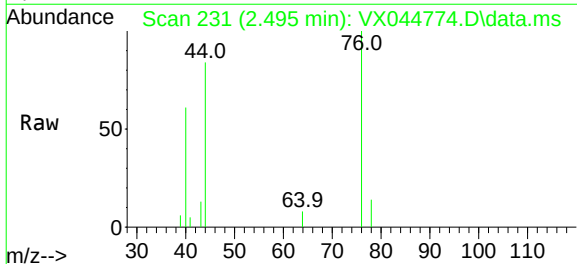
Acq: 30 Jan 2025 11:37

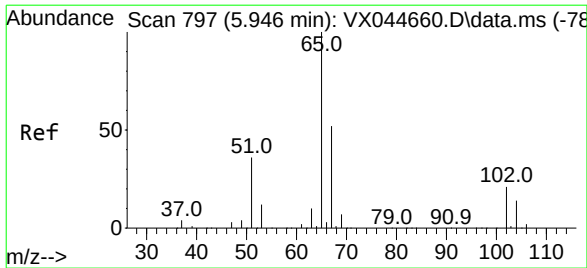
Tgt Ion: 76 Resp: 2044

Ion Ratio Lower Upper

76 100

78 14.3 7.3 10.9#

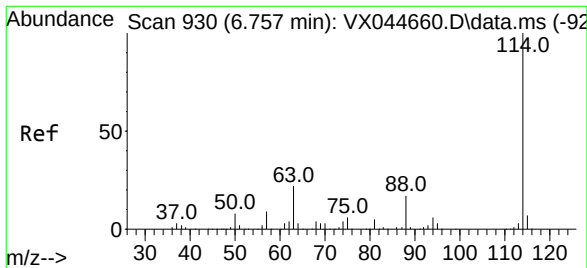
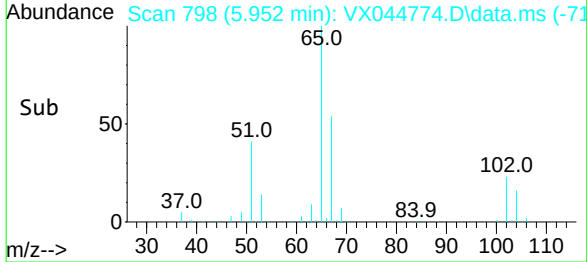
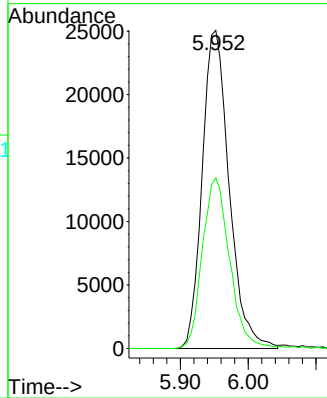
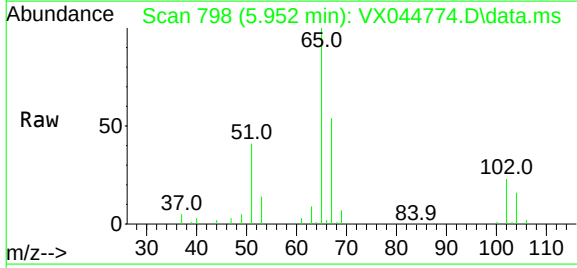




#27
1,2-Dichloroethane-d4
Concen: 27.790 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044774.D
Acq: 30 Jan 2025 11:37

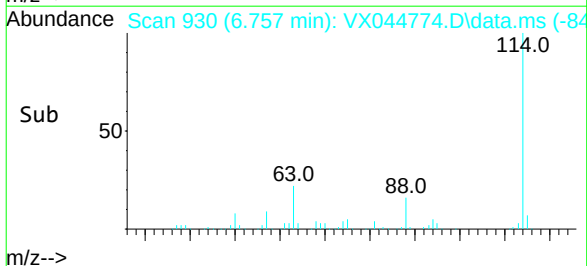
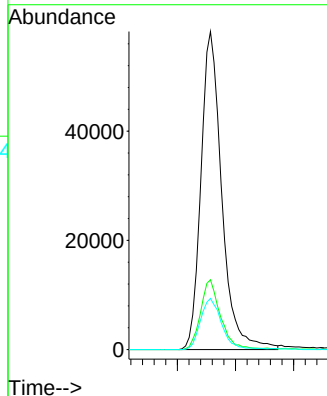
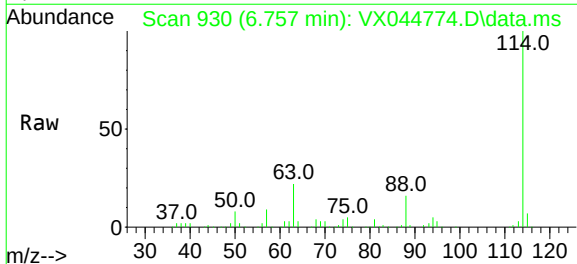
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

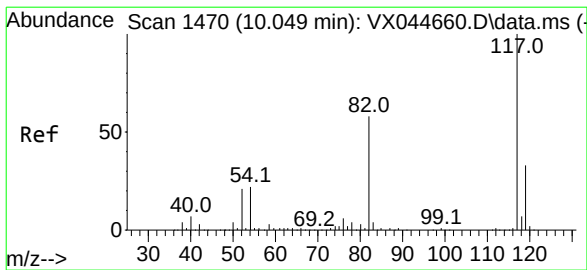
Tgt Ion: 65 Resp: 69149
Ion Ratio Lower Upper
65 100
67 53.9 41.4 62.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044774.D
Acq: 30 Jan 2025 11:37

Tgt Ion: 114 Resp: 145121
Ion Ratio Lower Upper
114 100
63 21.0 16.6 24.8
88 16.0 13.4 20.2

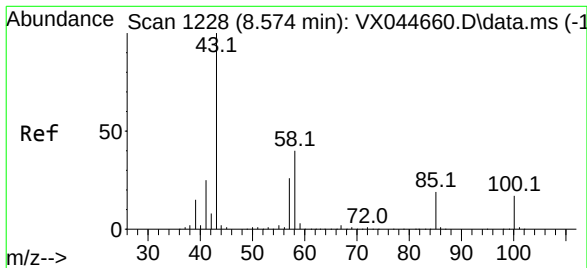
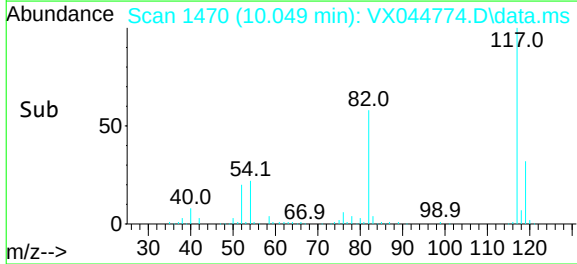
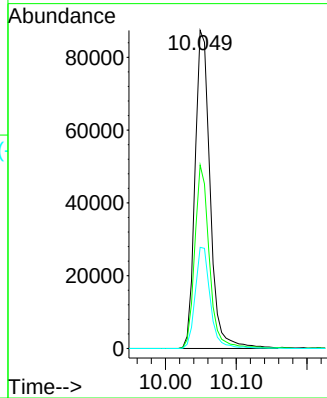
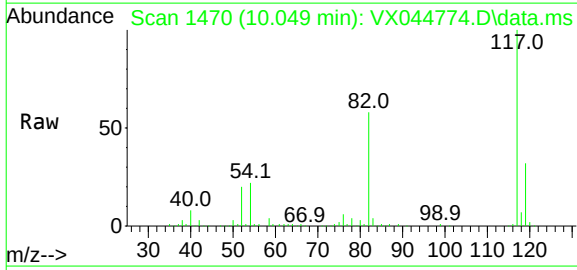




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044774.D
Acq: 30 Jan 2025 11:37

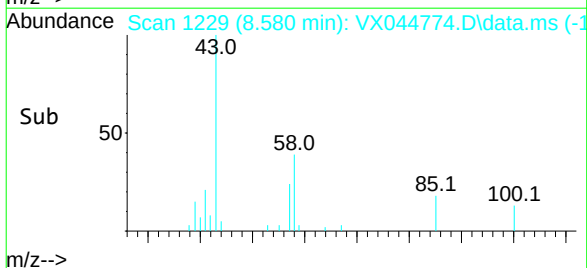
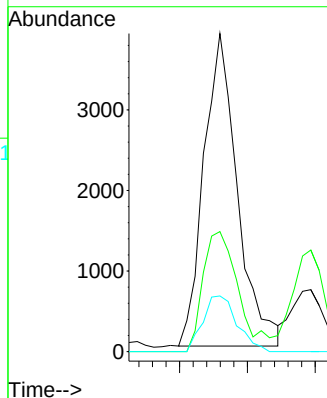
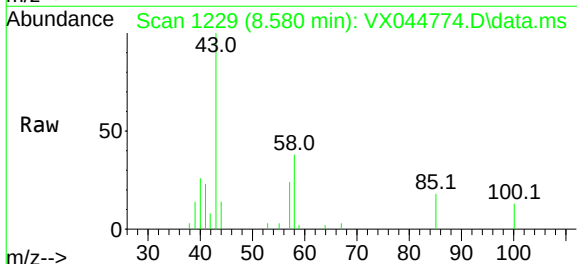
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

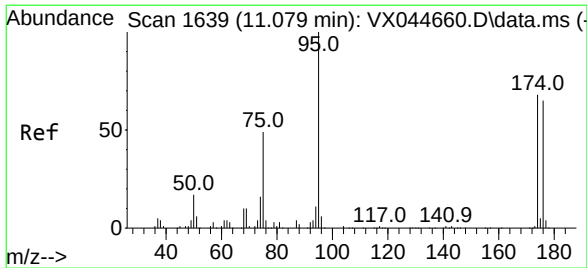
Tgt Ion: 117 Resp: 129652
Ion Ratio Lower Upper
117 100
82 55.1 45.8 68.6
119 31.3 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 2.441 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044774.D
Acq: 30 Jan 2025 11:37

Tgt Ion: 43 Resp: 6672
Ion Ratio Lower Upper
43 100
58 38.0 31.7 47.5
85 18.1 15.0 22.6





#60

4-Bromofluorobenzene

Concen: 27.732 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044774.D

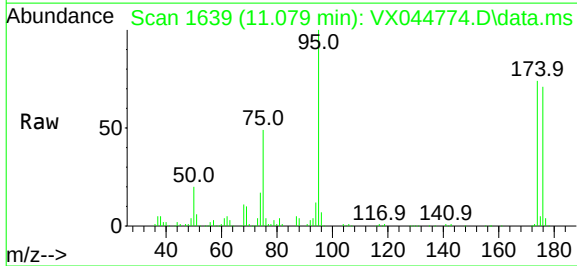
Acq: 30 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JAN)



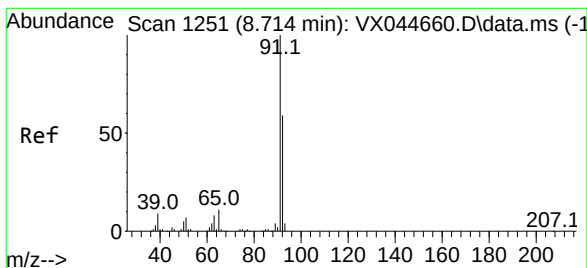
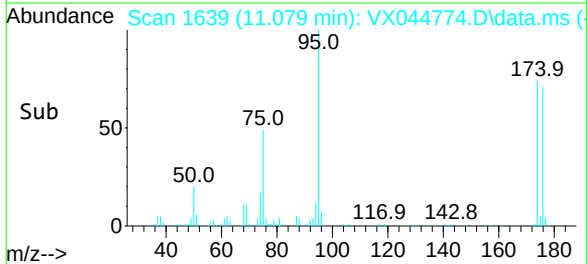
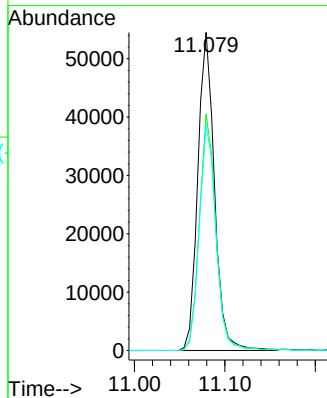
Tgt Ion: 95 Resp: 69838

Ion Ratio Lower Upper

95 100

174 73.4 54.6 81.8

176 70.9 52.8 79.2



#62

Toluene

Concen: 82.855 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044774.D

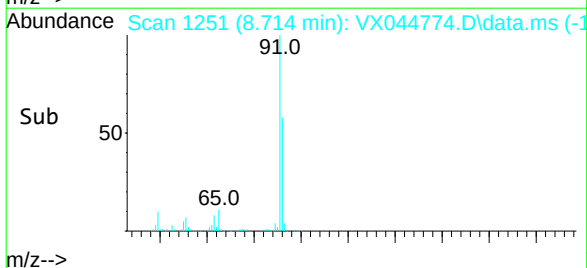
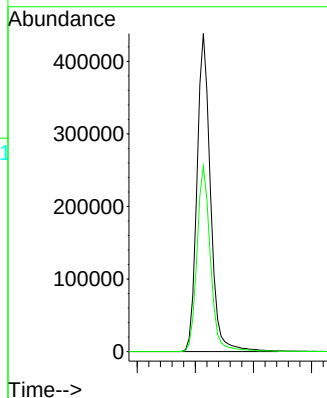
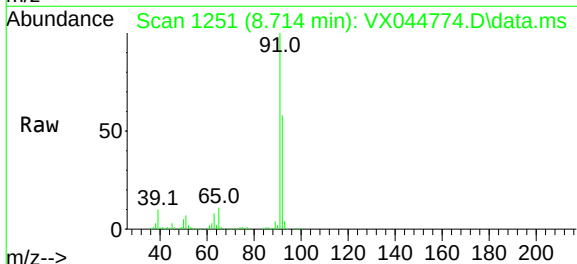
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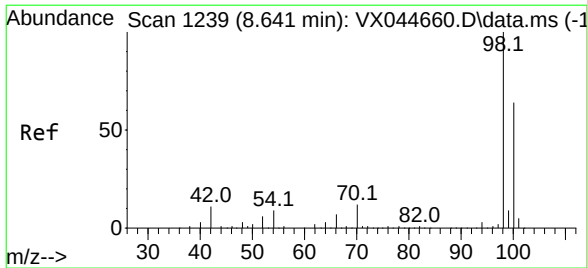
Tgt Ion: 91 Resp: 707342

Ion Ratio Lower Upper

91 100

92 57.9 47.3 70.9





#63

Toluene-d8

Concen: 30.714 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044774.D

Acq: 30 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

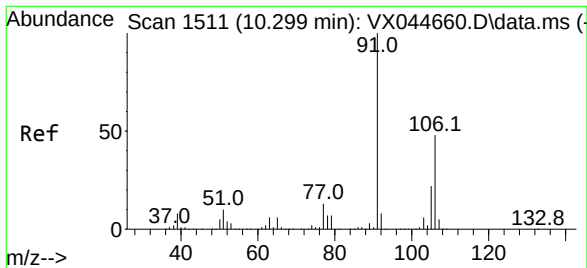
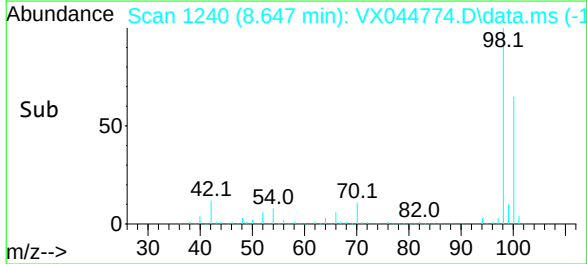
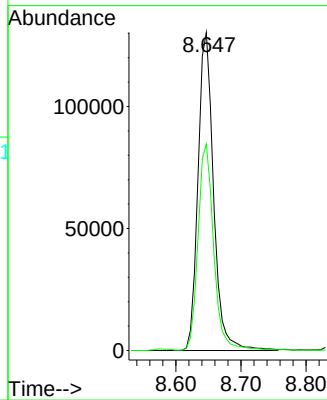
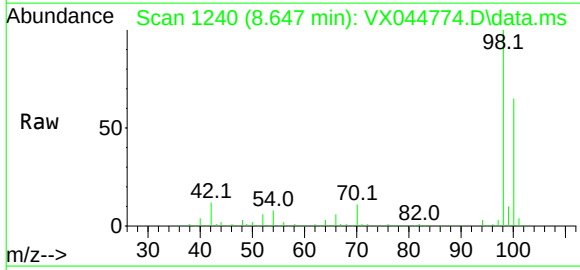
002-35TH-AVE(JAN)

Tgt Ion: 98 Resp: 216585

Ion Ratio Lower Upper

98 100

100 65.1 53.6 80.4



#67

m/p-Xylenes

Concen: 0.228 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX044774.D

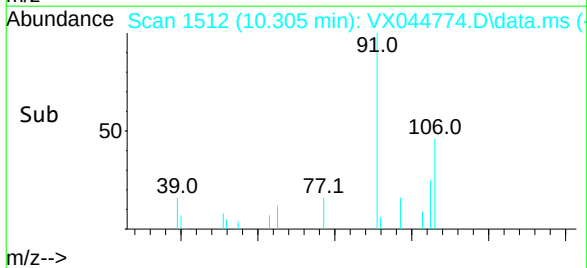
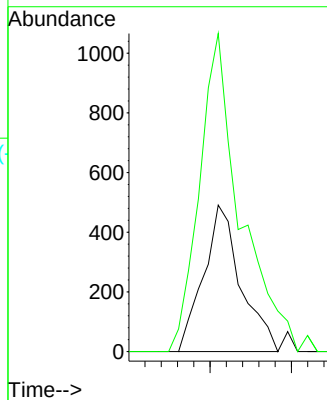
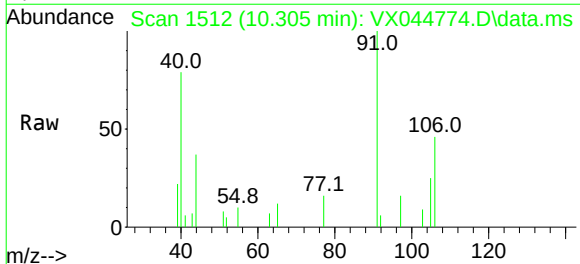
Acq: 30 Jan 2025 11:37

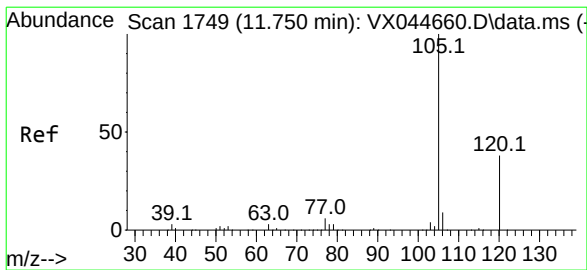
Tgt Ion: 106 Resp: 781

Ion Ratio Lower Upper

106 100

91 237.9 166.8 250.2





#80

1,2,4-Trimethylbenzene

Concen: 0.577 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044774.D

Acq: 30 Jan 2025 11:37

Instrument :

MSVOA_X

ClientSampleId :

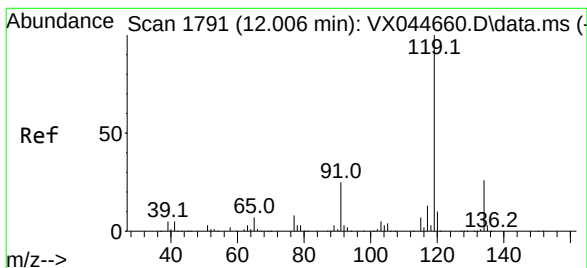
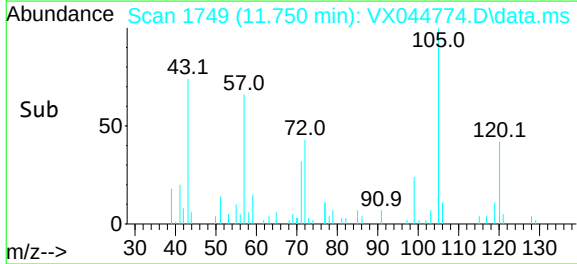
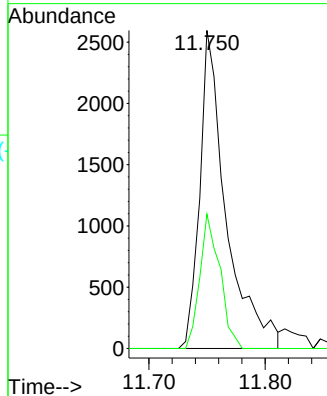
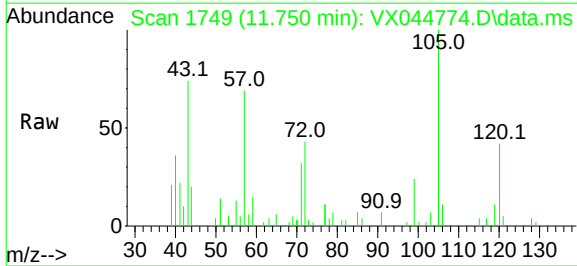
002-35TH-AVE(JAN)

Tgt Ion:105 Resp: 4082

Ion Ratio Lower Upper

105 100

120 32.1 0.0 88.4



#82

p-Isopropyltoluene

Concen: 2.226 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044774.D

Acq: 30 Jan 2025 11:37

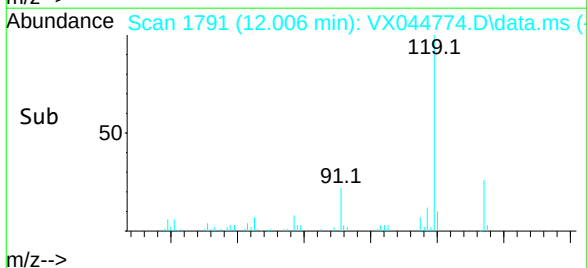
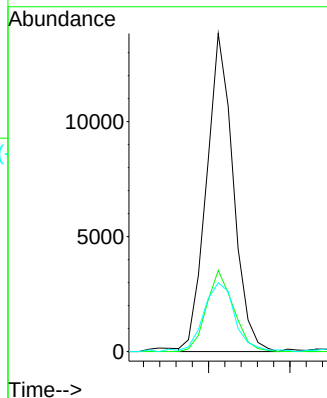
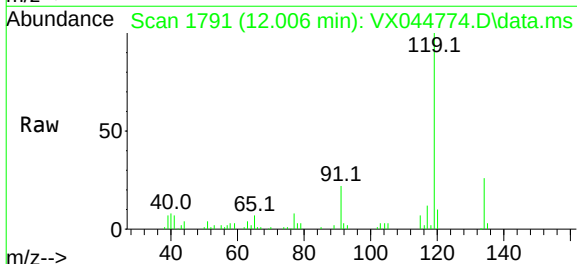
Tgt Ion:119 Resp: 15767

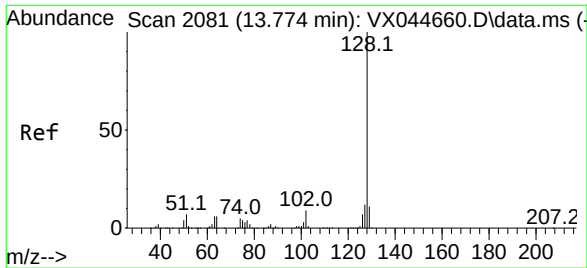
Ion Ratio Lower Upper

119 100

134 25.8 0.0 52.2

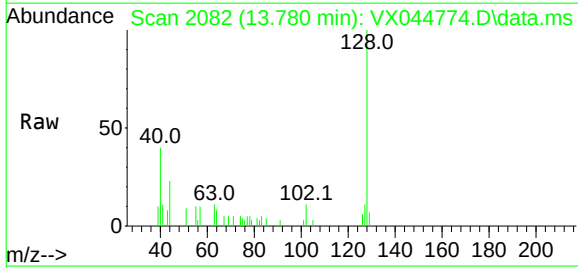
91 24.9 0.0 50.2





#91
Naphthalene
Concen: 0.402 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX044774.D
Acq: 30 Jan 2025 11:37

Instrument :
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Tgt Ion:128 Resp: 3341
Ion Ratio Lower Upper
128 100
127 11.4 10.2 15.4
129 9.1 9.0 13.6

