

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020725\
 Data File : VX044861.D
 Acq On : 07 Feb 2025 12:16
 Operator : JC/MD
 Sample : Q1319-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 07 12:41:49 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)

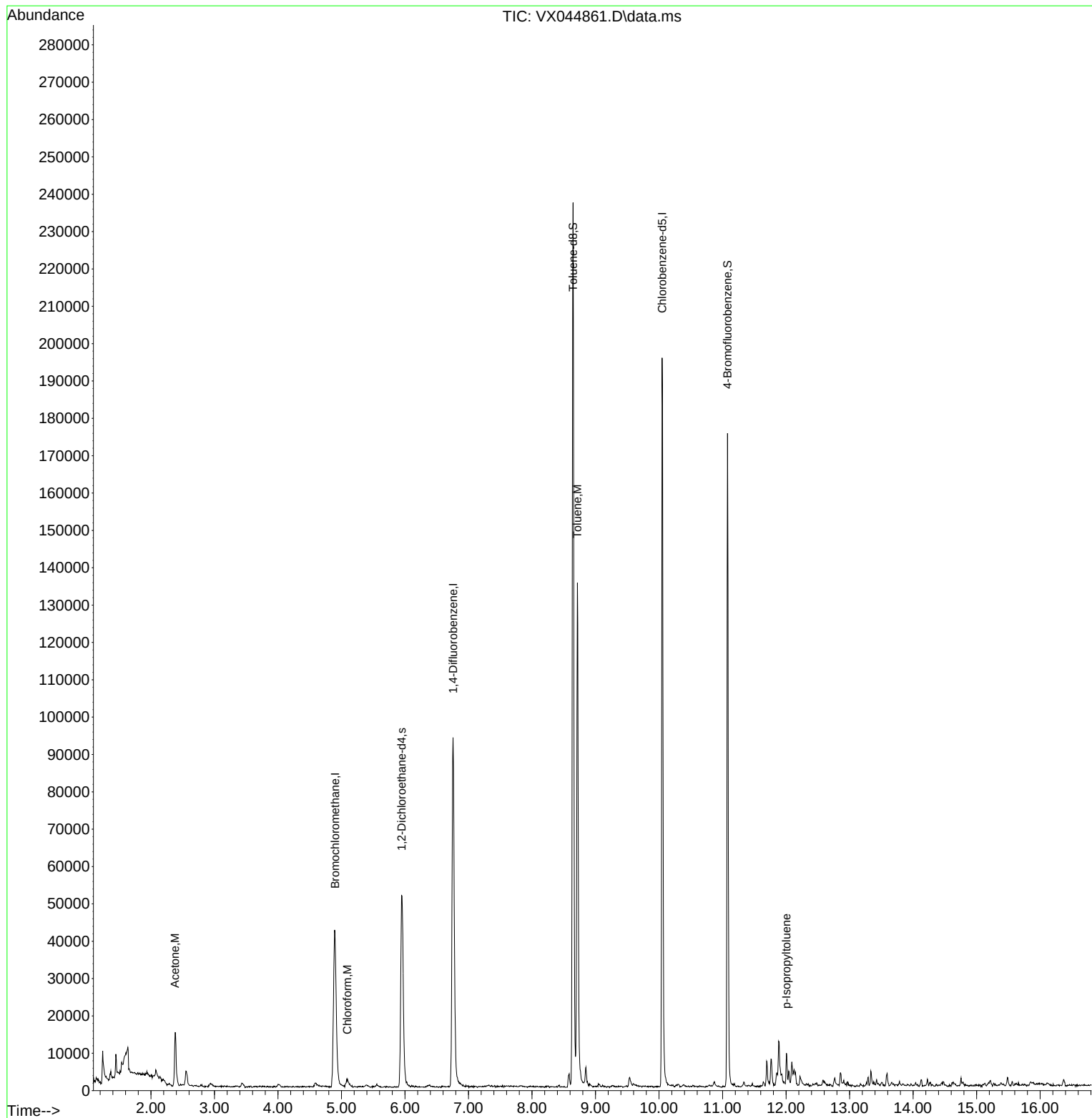
Internal Standards						
1) Bromochloromethane	4.898	128	17858	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	100352	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	88457	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	49084	28.471	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.900%
60) 4-Bromofluorobenzene	11.079	95	48085	27.987	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.300%
63) Toluene-d8	8.647	98	146971	30.548	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.833%
Target Compounds						
					Qvalue	
15) Acetone	2.380	58	5137	27.282	ug/l	92
25) Chloroform	5.093	83	1751	0.688	ug/l #	79
62) Toluene	8.714	91	90313	15.505	ug/l	97
82) p-Isopropyltoluene	12.006	119	3864	0.799	ug/l	92

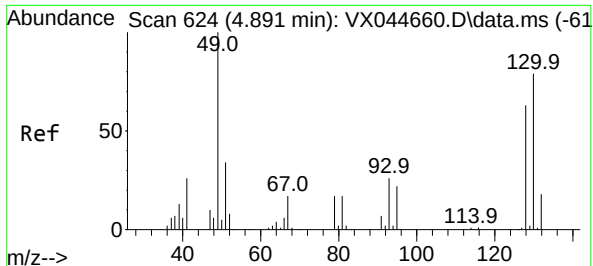
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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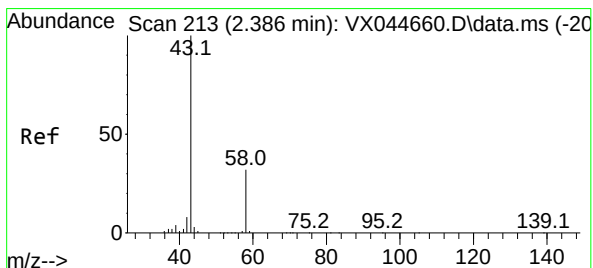
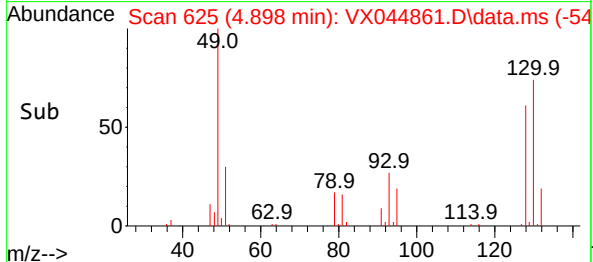
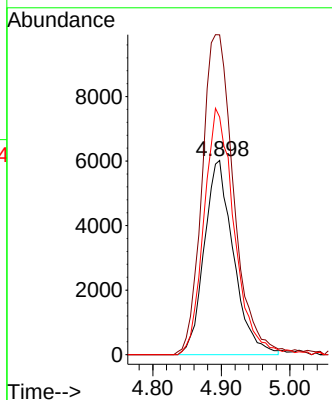
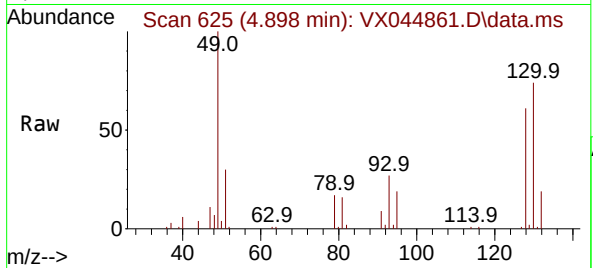




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX044861.D
Acq: 07 Feb 2025 12:16

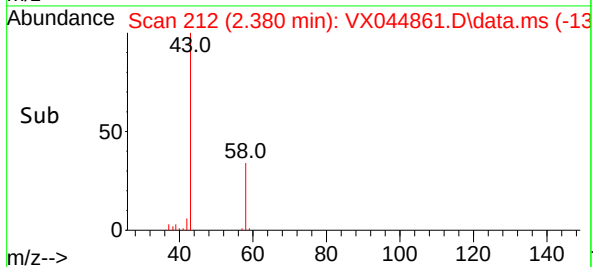
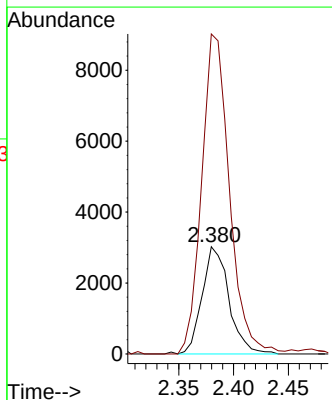
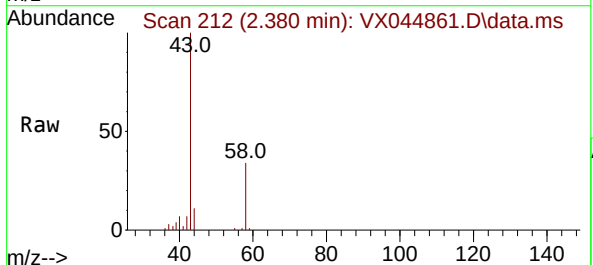
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JAN)

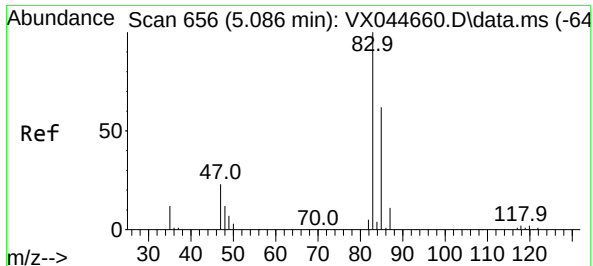
Tgt Ion:128 Resp: 17858
Ion Ratio Lower Upper
128 100
49 178.7 0.0 411.5
130 130.5 0.0 324.3



#15
Acetone
Concen: 27.282 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044861.D
Acq: 07 Feb 2025 12:16

Tgt Ion: 58 Resp: 5137
Ion Ratio Lower Upper
58 100
43 298.3 251.0 376.4





#25

Chloroform

Concen: 0.688 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX044861.D

Acq: 07 Feb 2025 12:16

Instrument :

MSVOA_X

ClientSampleId :

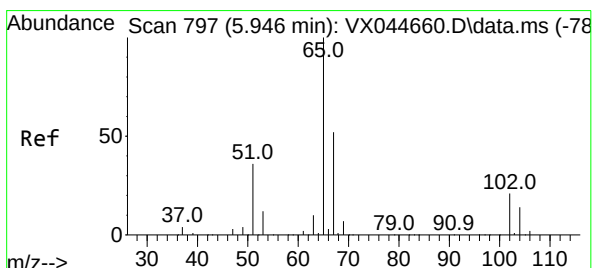
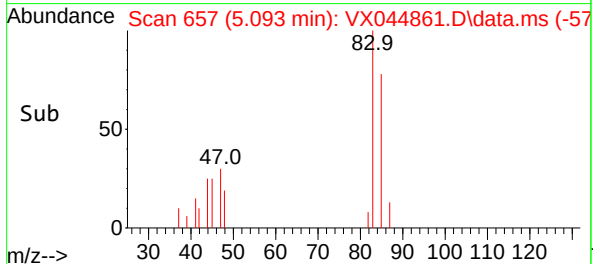
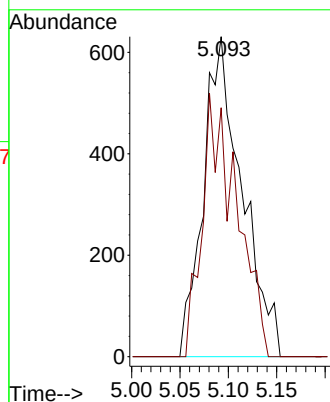
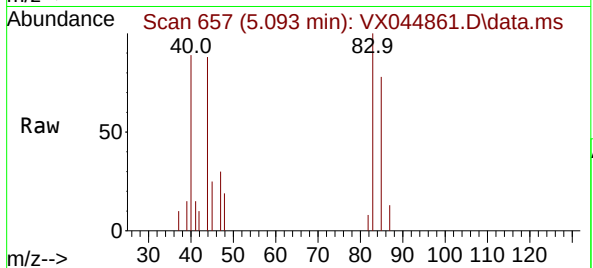
002-35TH-AVE(JAN)

Tgt Ion: 83 Resp: 1751

Ion Ratio Lower Upper

83 100

85 77.8 49.4 74.2#



#27

1,2-Dichloroethane-d4

Concen: 28.471 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044861.D

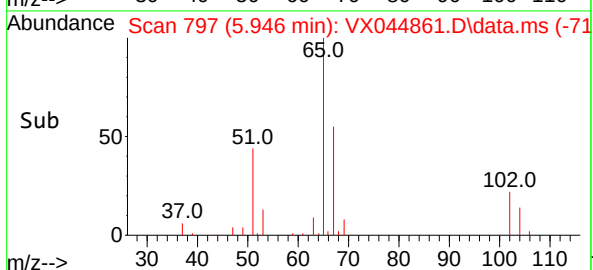
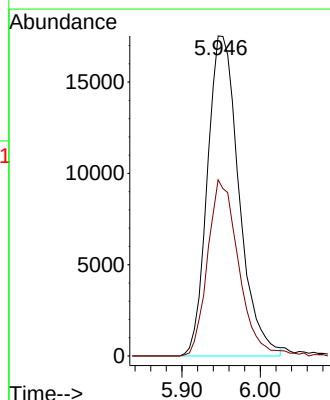
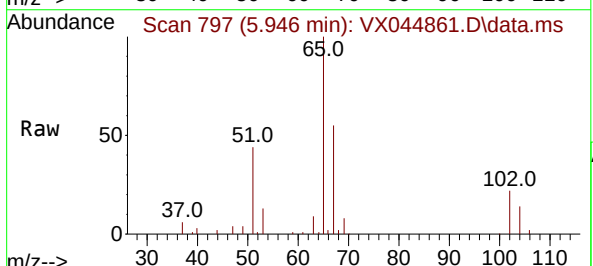
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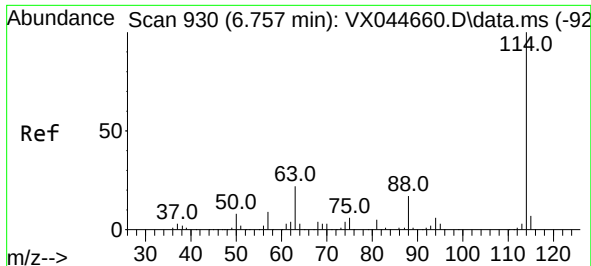
Tgt Ion: 65 Resp: 49084

Ion Ratio Lower Upper

65 100

67 53.4 41.4 62.2

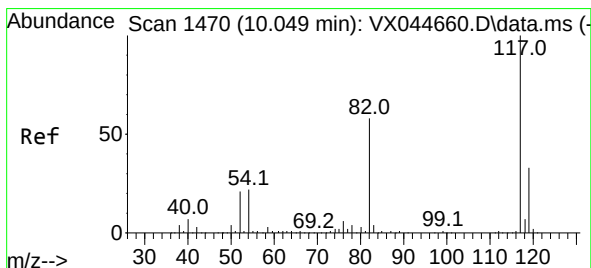
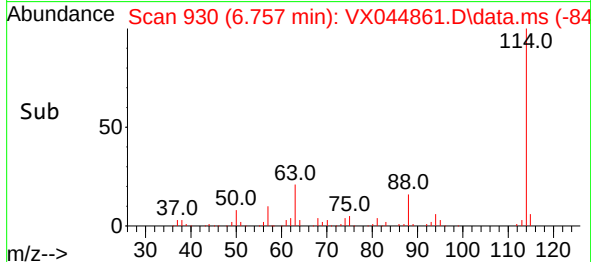
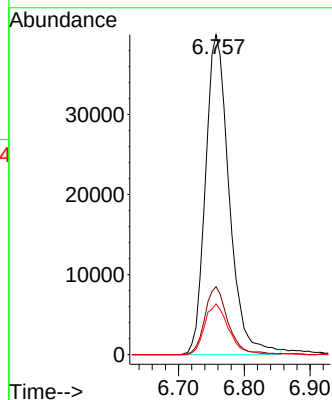
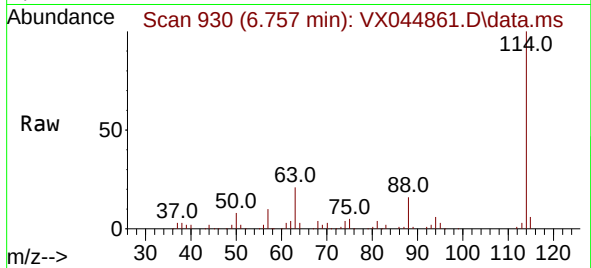




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX044861.D
 Acq: 07 Feb 2025 12:16

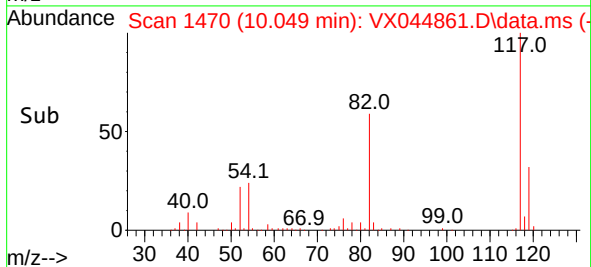
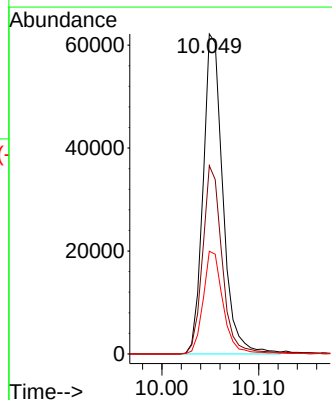
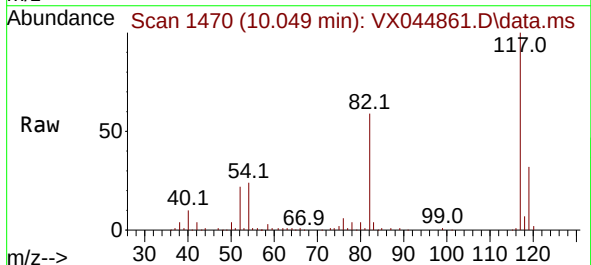
Instrument :
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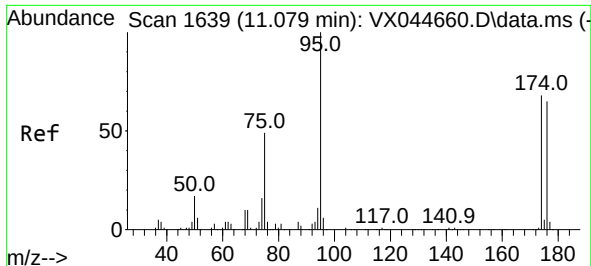
Tgt Ion:114 Resp: 100352
 Ion Ratio Lower Upper
 114 100
 63 20.3 16.6 24.8
 88 16.1 13.4 20.2



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.049 min Scan# 1470
 Delta R.T. 0.000 min
 Lab File: VX044861.D
 Acq: 07 Feb 2025 12:16

Tgt Ion:117 Resp: 88457
 Ion Ratio Lower Upper
 117 100
 82 58.2 45.8 68.6
 119 32.3 25.8 38.6

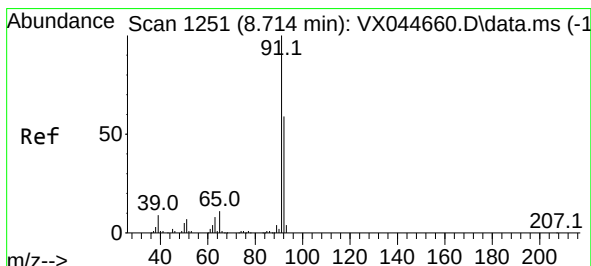
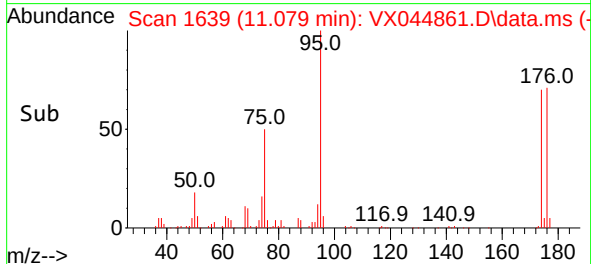
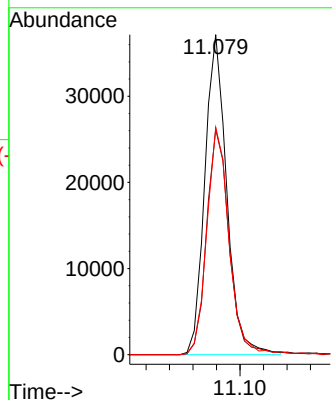
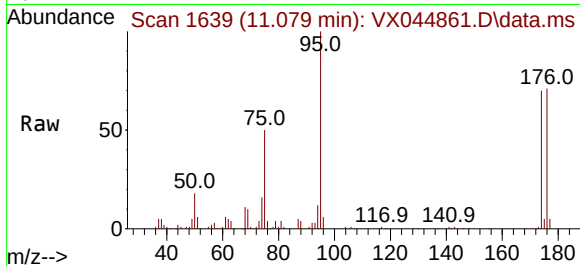




#60
4-Bromofluorobenzene
Concen: 27.987 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044861.D
Acq: 07 Feb 2025 12:16

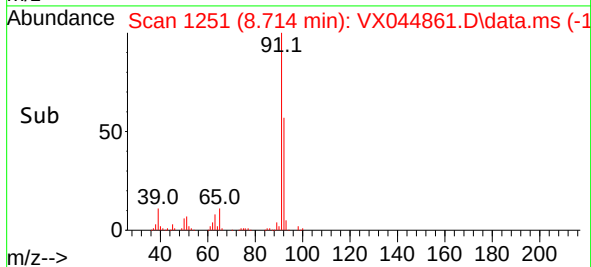
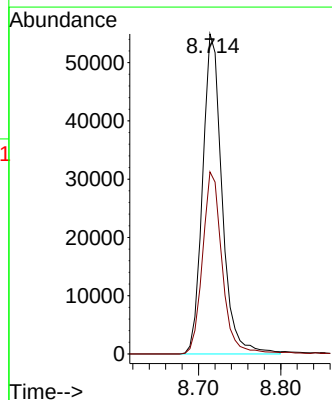
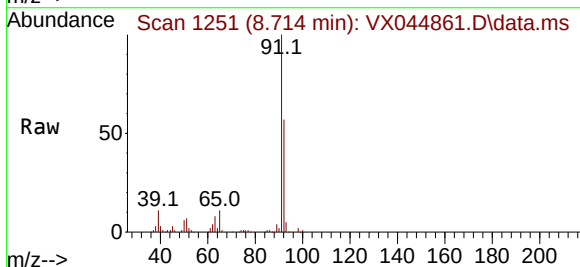
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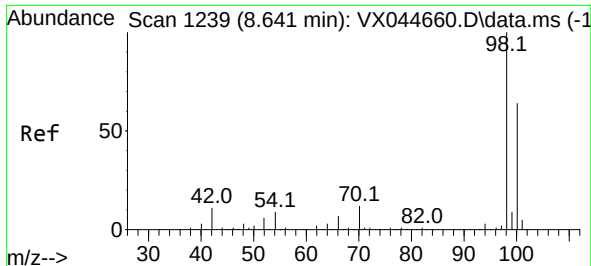
Tgt Ion: 95 Resp: 48085
Ion Ratio Lower Upper
95 100
174 72.3 54.6 81.8
176 72.3 52.8 79.2



#62
Toluene
Concen: 15.505 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044861.D
Acq: 07 Feb 2025 12:16

Tgt Ion: 91 Resp: 90313
Ion Ratio Lower Upper
91 100
92 57.1 47.3 70.9

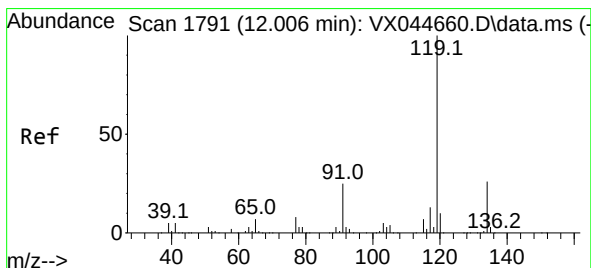
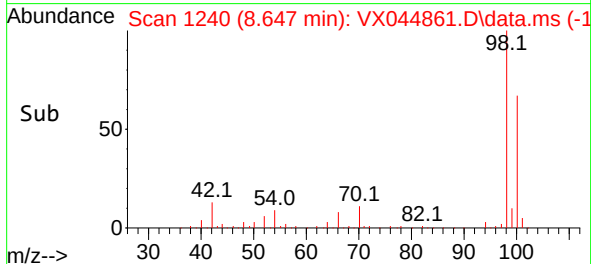
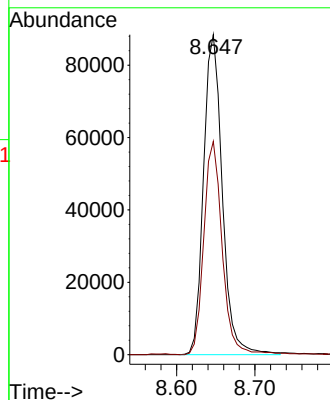
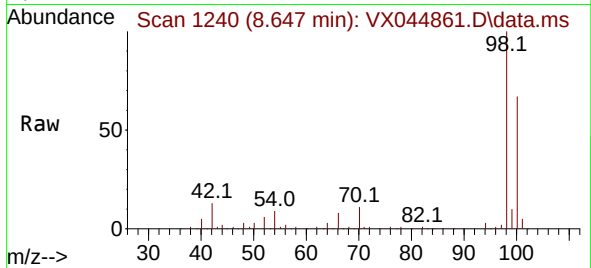




#63
Toluene-d8
Concen: 30.548 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044861.D
Acq: 07 Feb 2025 12:16

Instrument :
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Tgt Ion: 98 Resp: 146971
Ion Ratio Lower Upper
98 100
100 64.5 53.6 80.4



#82
p-Isopropyltoluene
Concen: 0.799 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044861.D
Acq: 07 Feb 2025 12:16

Tgt Ion: 119 Resp: 3864
Ion Ratio Lower Upper
119 100
134 32.7 0.0 52.2
91 26.3 0.0 50.2

