

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020725\
 Data File : VX044863.D
 Acq On : 07 Feb 2025 13:02
 Operator : JC/MD
 Sample : Q1316-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 07 22:13:58 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)

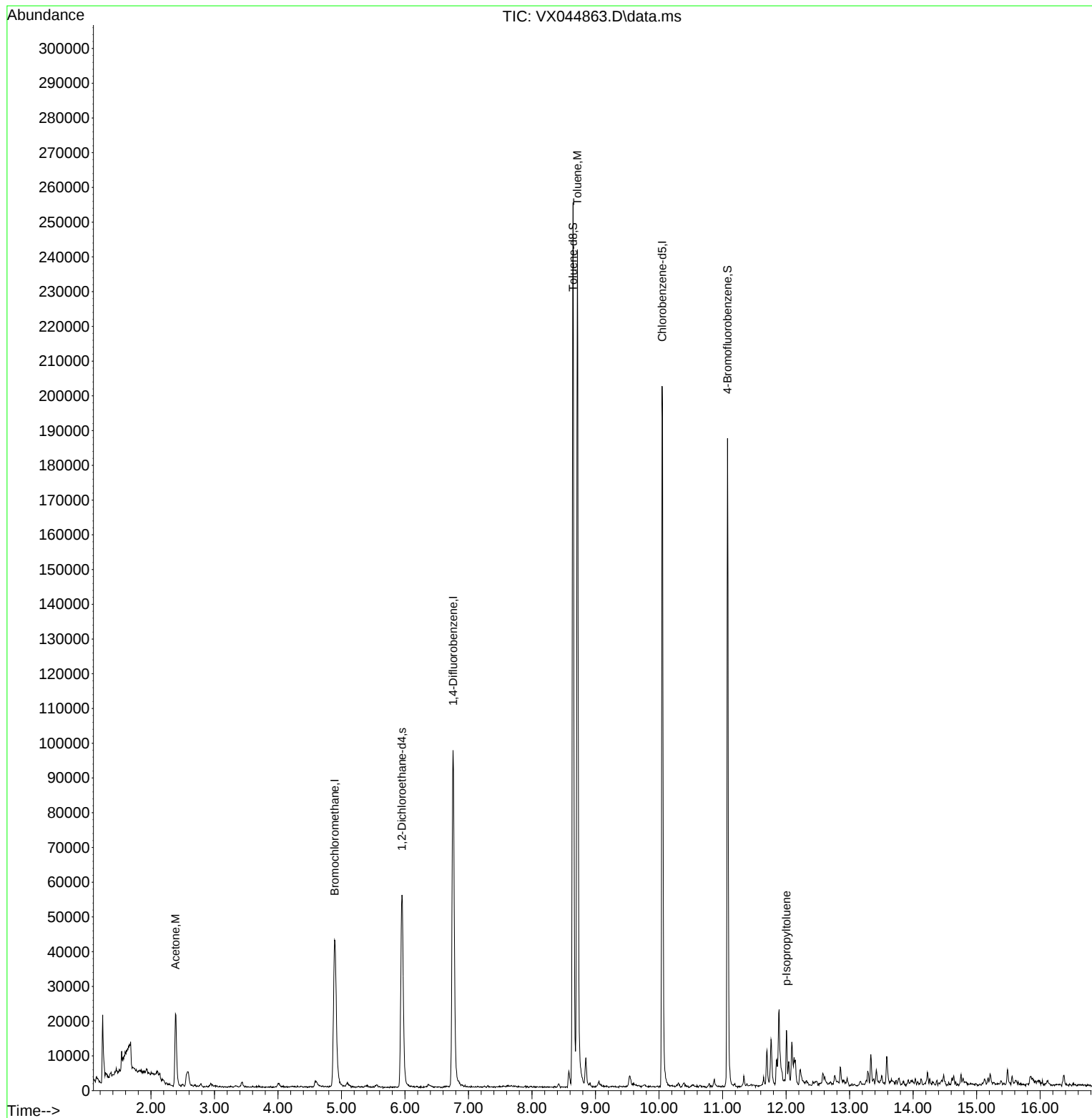
Internal Standards						
1) Bromochloromethane	4.891	128	18946	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	105183	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	95504	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	52936	28.942	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.467%
60) 4-Bromofluorobenzene	11.079	95	50950	27.466	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.567%
63) Toluene-d8	8.647	98	154849	29.811	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.367%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	7906	39.576	ug/l	93
62) Toluene	8.714	91	161074	25.614	ug/l	97
82) p-Isopropyltoluene	12.006	119	6832	1.309	ug/l	95

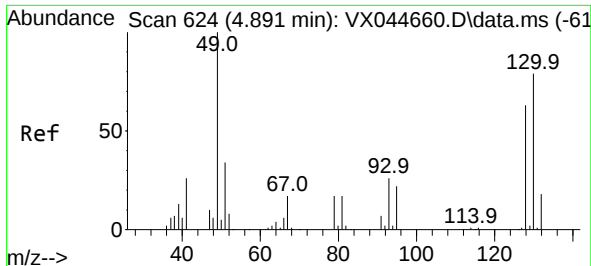
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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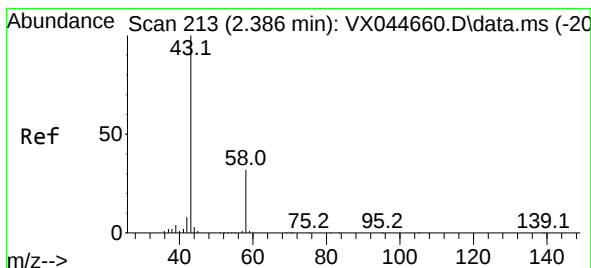
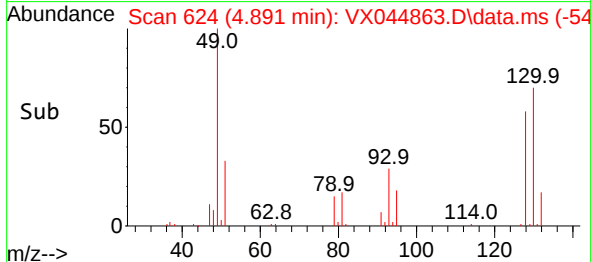
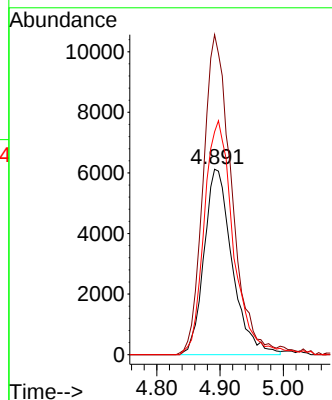
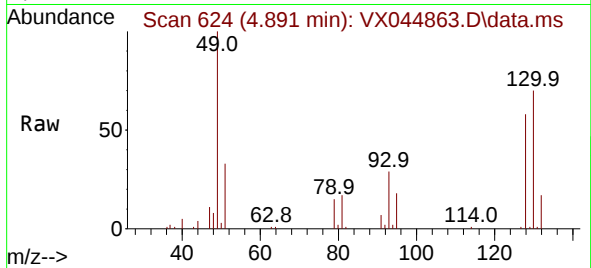




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044863.D
Acq: 07 Feb 2025 13:02

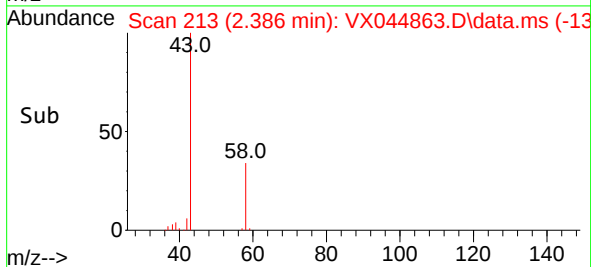
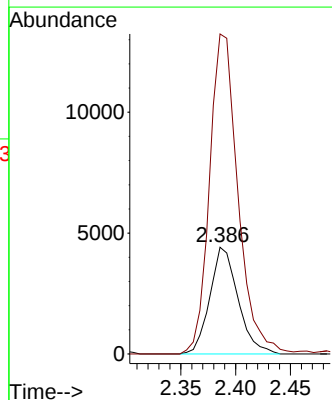
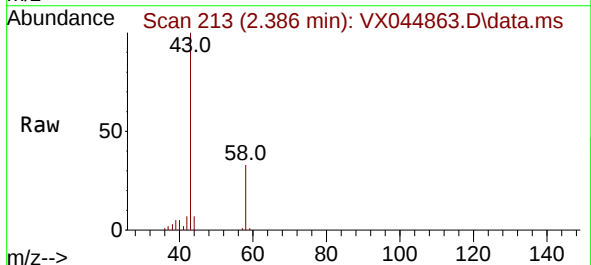
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(FEB)

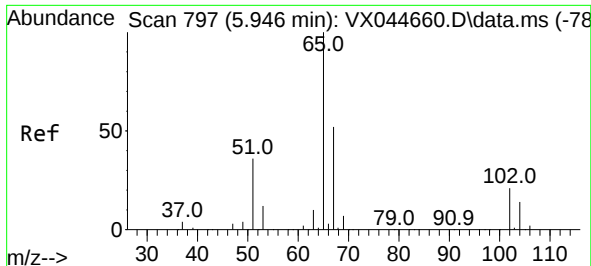
Tgt Ion:128 Resp: 18946
Ion Ratio Lower Upper
128 100
49 173.4 0.0 411.5
130 130.8 0.0 324.3



#15
Acetone
Concen: 39.576 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044863.D
Acq: 07 Feb 2025 13:02

Tgt Ion: 58 Resp: 7906
Ion Ratio Lower Upper
58 100
43 299.8 251.0 376.4





#27

1,2-Dichloroethane-d4

Concen: 28.942 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX044863.D

Acq: 07 Feb 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

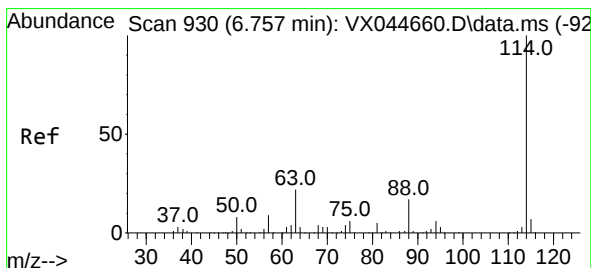
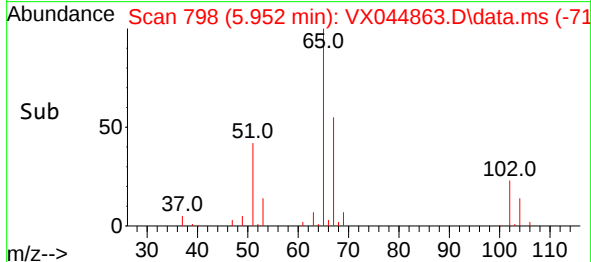
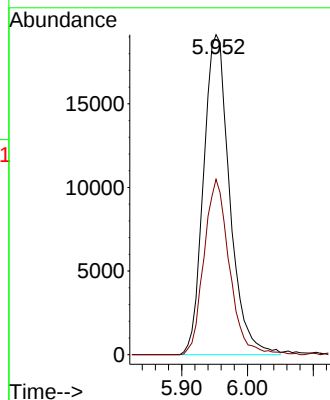
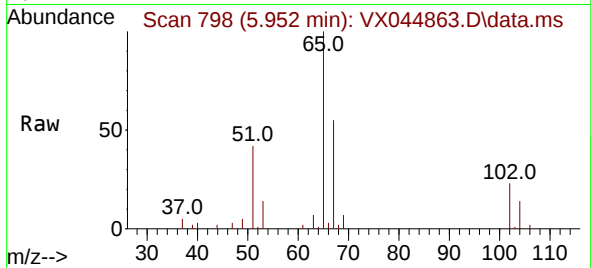
002-35TH-AVE(FEB)

Tgt Ion: 65 Resp: 52936

Ion Ratio Lower Upper

65 100

67 53.3 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: VX044863.D

Acq: 07 Feb 2025 13:02

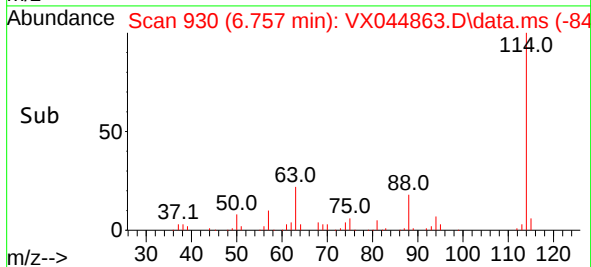
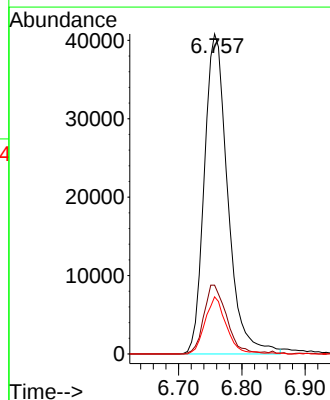
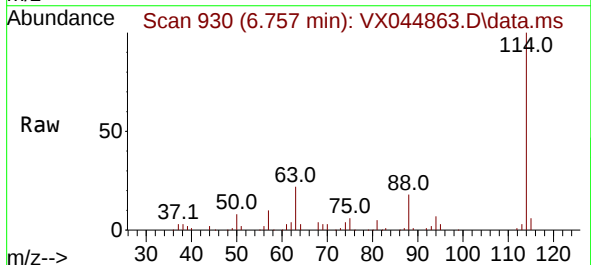
Tgt Ion: 114 Resp: 105183

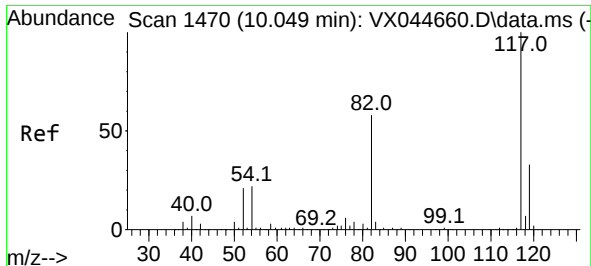
Ion Ratio Lower Upper

114 100

63 21.0 16.6 24.8

88 15.8 13.4 20.2

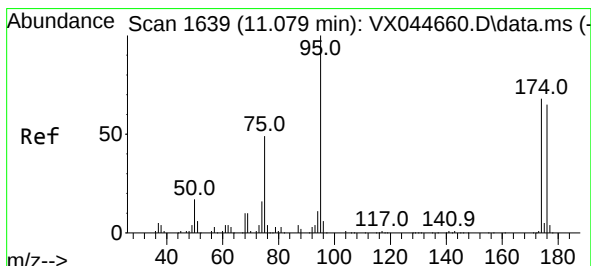
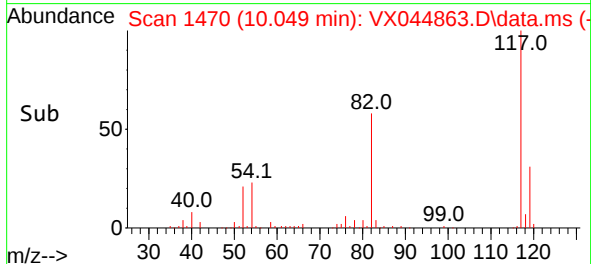
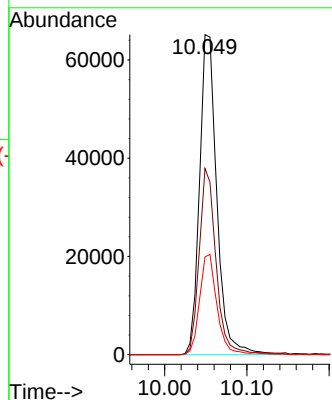
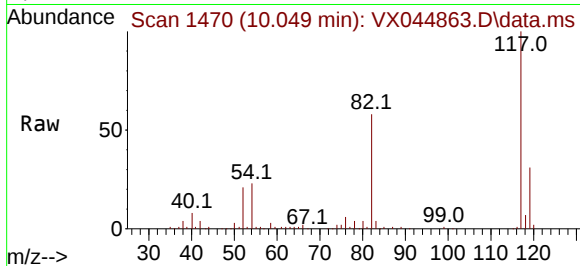




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044863.D
Acq: 07 Feb 2025 13:02

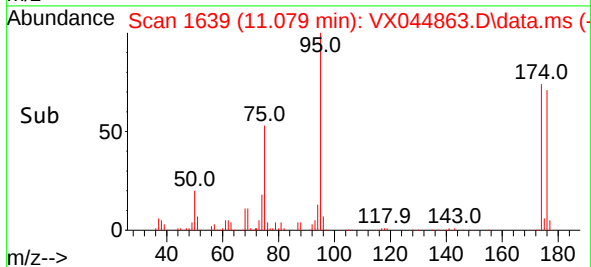
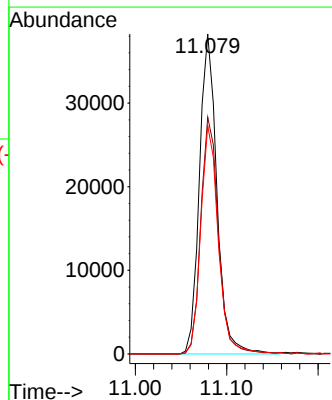
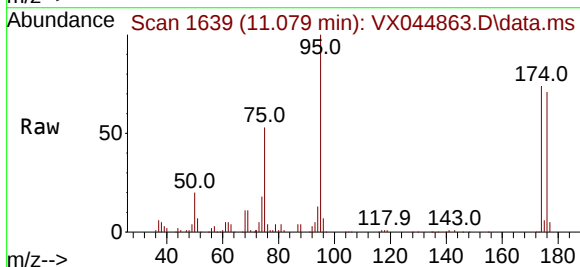
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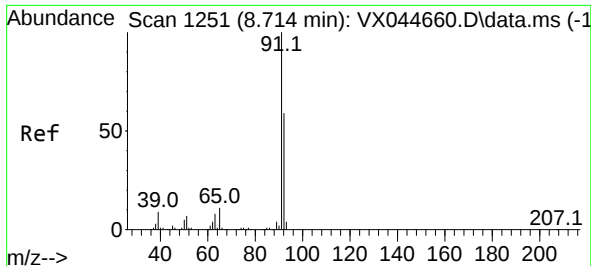
Tgt Ion:117 Resp: 95504
Ion Ratio Lower Upper
117 100
82 56.6 45.8 68.6
119 31.2 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 27.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044863.D
Acq: 07 Feb 2025 13:02

Tgt Ion: 95 Resp: 50950
Ion Ratio Lower Upper
95 100
174 74.5 54.6 81.8
176 71.5 52.8 79.2

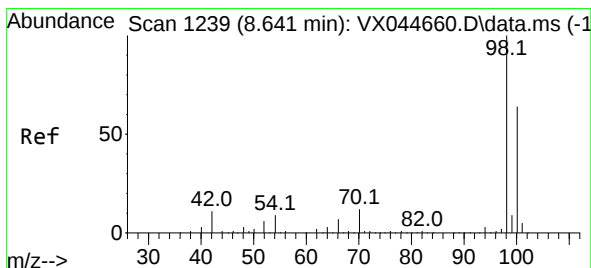
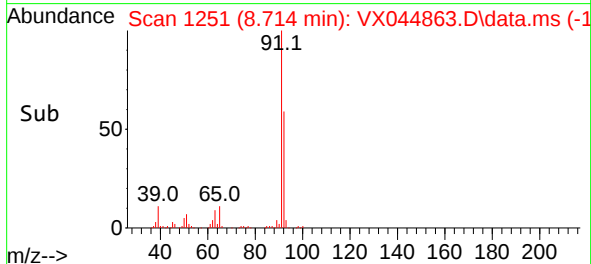
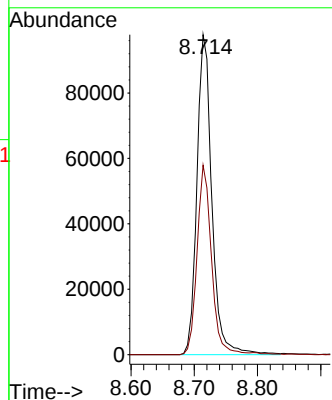
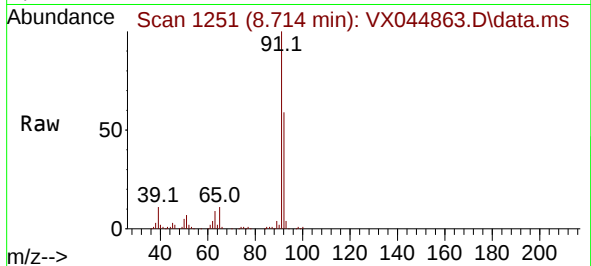




#62
Toluene
Concen: 25.614 ug/l
RT: 8.714 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044863.D
Acq: 07 Feb 2025 13:02

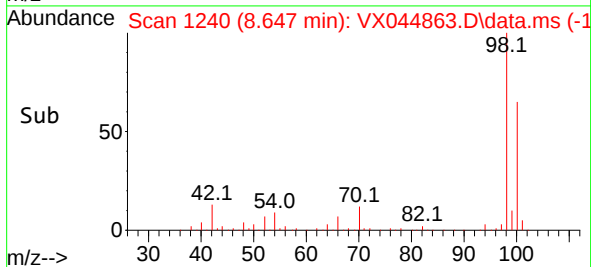
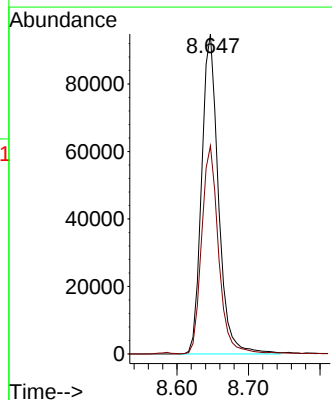
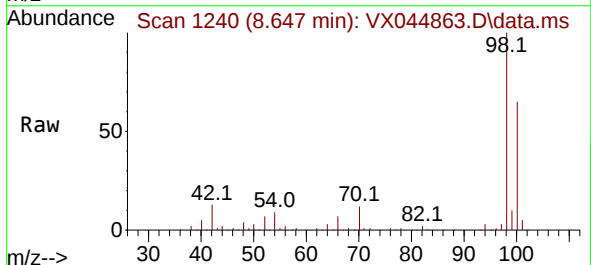
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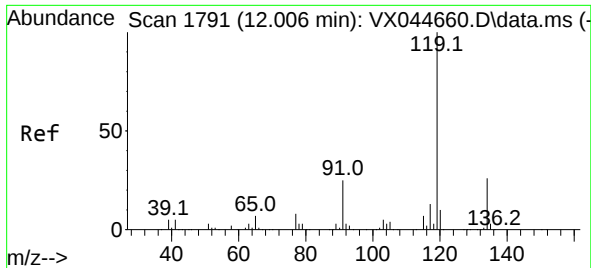
Tgt Ion: 91 Resp: 161074
Ion Ratio Lower Upper
91 100
92 57.1 47.3 70.9



#63
Toluene-d8
Concen: 29.811 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044863.D
Acq: 07 Feb 2025 13:02

Tgt Ion: 98 Resp: 154849
Ion Ratio Lower Upper
98 100
100 64.6 53.6 80.4





#82
 p-Isopropyltoluene
 Concen: 1.309 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044863.D
 Acq: 07 Feb 2025 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
119	100		
134	23.3	0.0	52.2
91	27.0	0.0	50.2

