

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020725\
 Data File : VX044862.D
 Acq On : 07 Feb 2025 12:39
 Operator : JC/MD
 Sample : Q1316-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(FEB)

Quant Time: Feb 07 22:13:30 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)

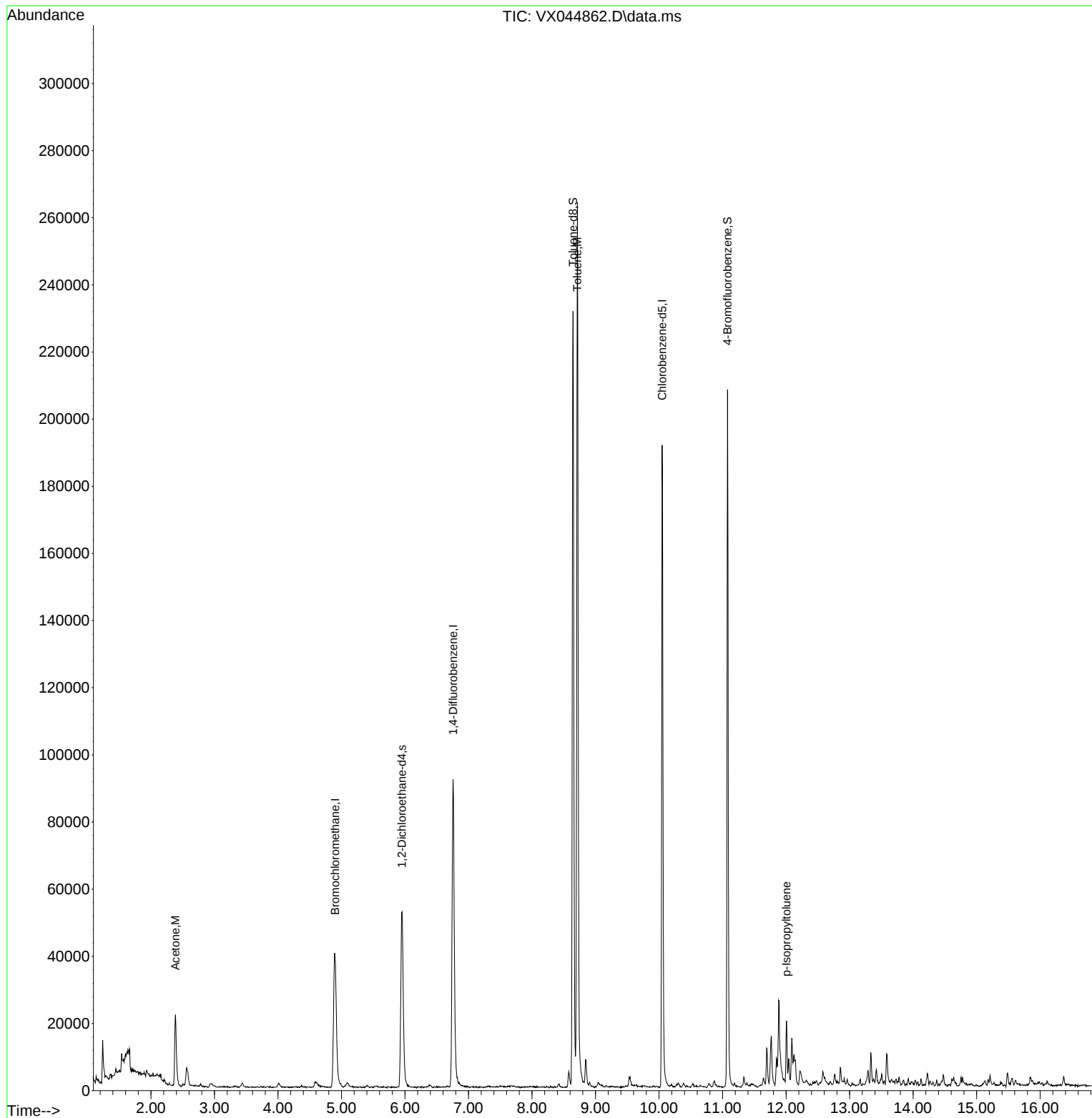
Internal Standards						
1) Bromochloromethane	4.897	128	17567	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	97818	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	89585	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	48817	28.785	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.967%
60) 4-Bromofluorobenzene	11.079	95	56135	32.261	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	107.533%
63) Toluene-d8	8.647	98	145836	29.930	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.767%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	7632	41.204	ug/l	96
62) Toluene	8.714	91	172750	29.285	ug/l	98
82) p-Isopropyltoluene	12.006	119	8192	1.673	ug/l	96

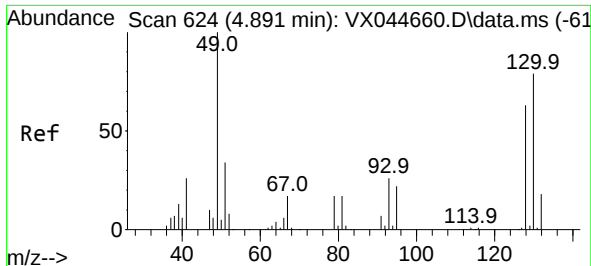
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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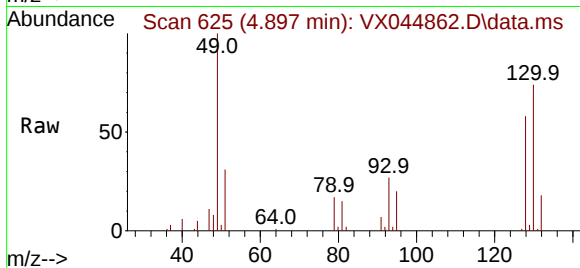
Quant Time: Feb 07 22:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
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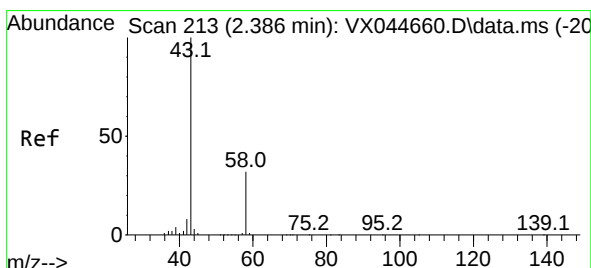
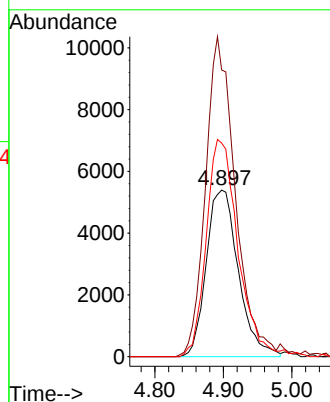
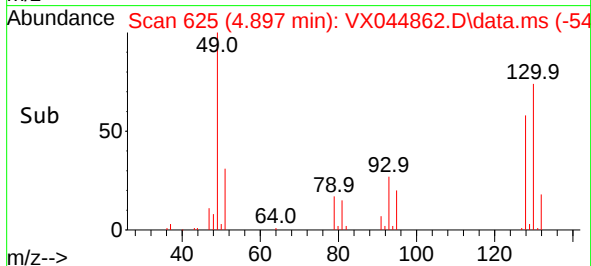


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX044862.D
Acq: 07 Feb 2025 12:39

Instrument :
MSVOA_X
ClientSampleId :
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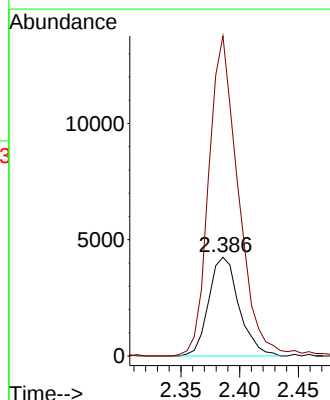
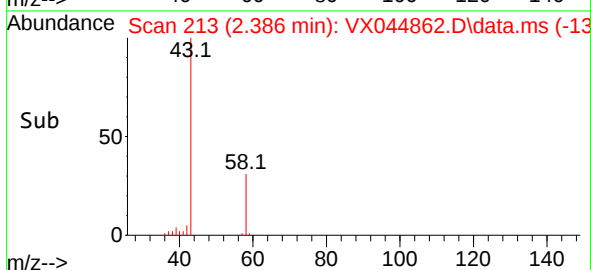
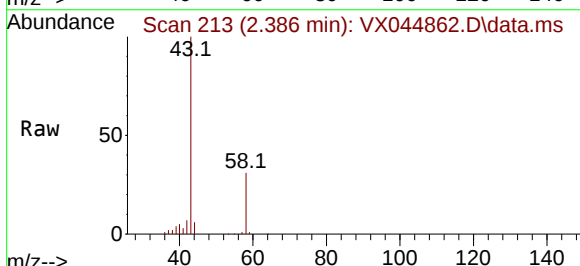


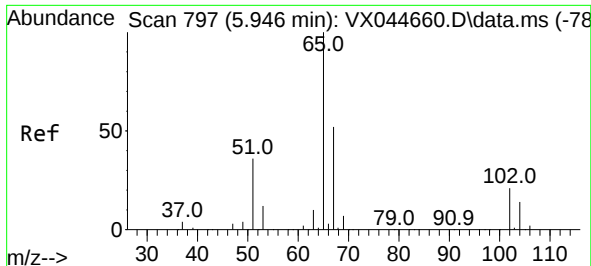
Tgt Ion:128 Resp: 17567
Ion Ratio Lower Upper
128 100
49 177.1 0.0 411.5
130 127.7 0.0 324.3



#15
Acetone
Concen: 41.204 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044862.D
Acq: 07 Feb 2025 12:39

Tgt Ion: 58 Resp: 7632
Ion Ratio Lower Upper
58 100
43 322.4 251.0 376.4





#27

1,2-Dichloroethane-d4

Concen: 28.785 ug/l

RT: 5.952 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX044862.D

Acq: 07 Feb 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

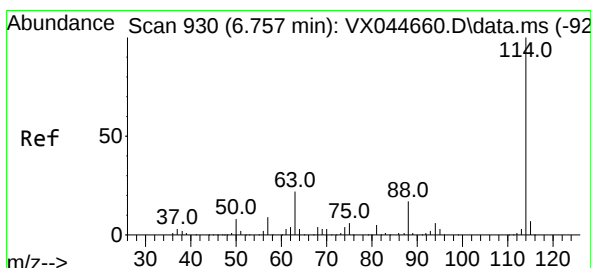
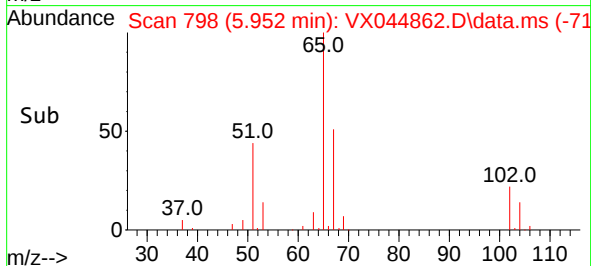
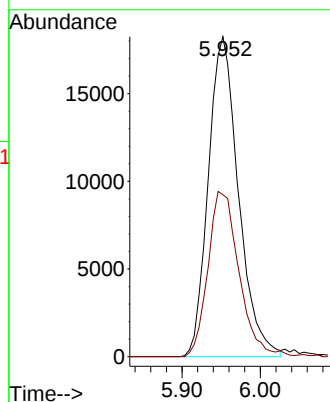
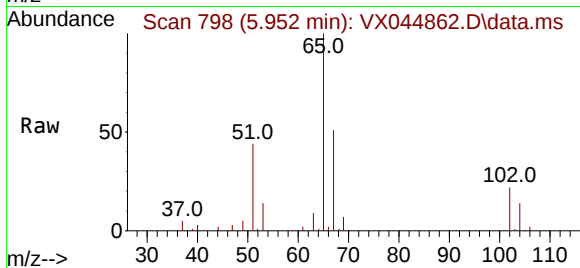
001-WILLETS-PT-BLVD(FEB)

Tgt Ion: 65 Resp: 48817

Ion Ratio Lower Upper

65 100

67 52.6 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: VX044862.D

Acq: 07 Feb 2025 12:39

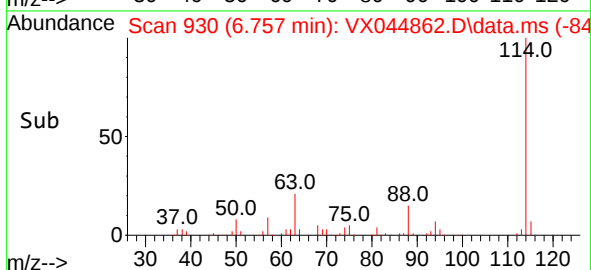
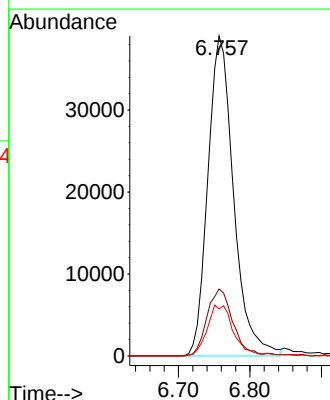
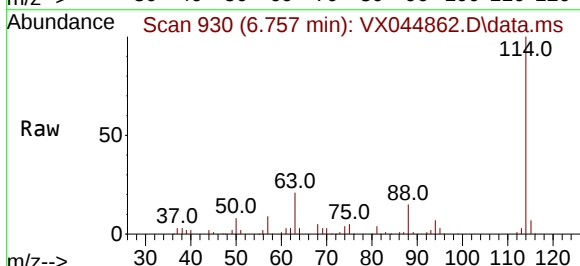
Tgt Ion: 114 Resp: 97818

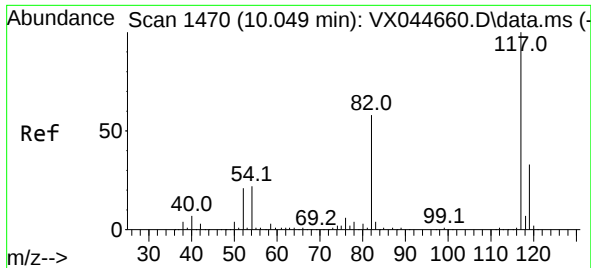
Ion Ratio Lower Upper

114 100

63 20.8 16.6 24.8

88 15.9 13.4 20.2

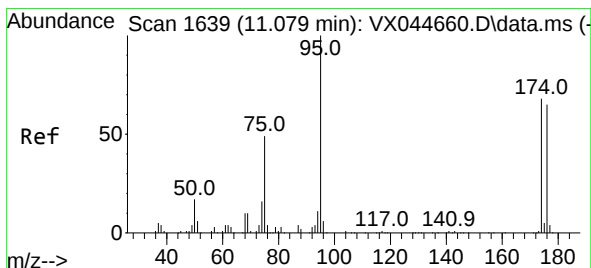
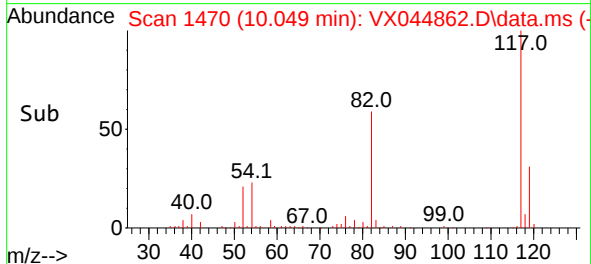
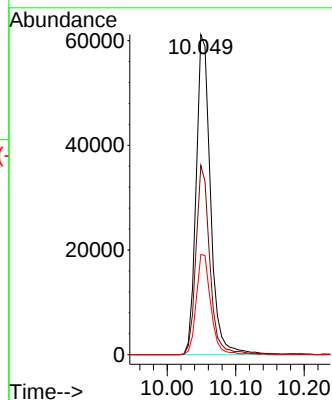
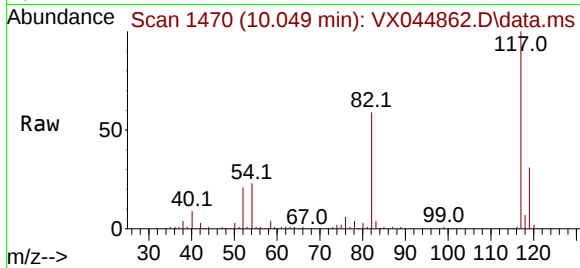




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044862.D
Acq: 07 Feb 2025 12:39

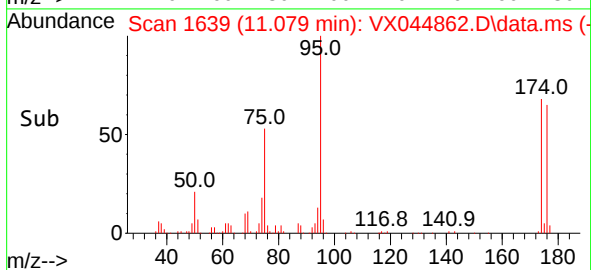
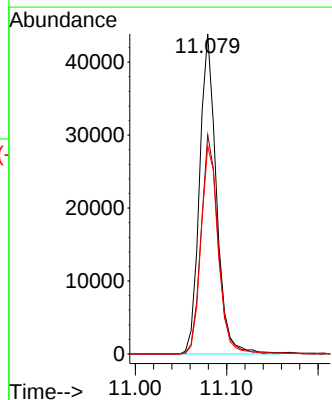
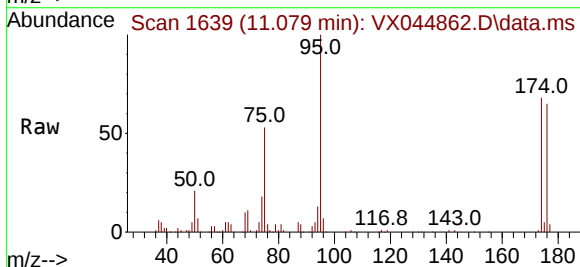
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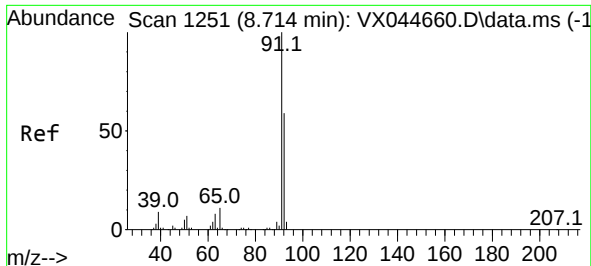
Tgt Ion:117	Resp:	89585
Ion	Ratio	Lower Upper
117	100	
82	56.1	45.8 68.6
119	31.4	25.8 38.6



#60
4-Bromofluorobenzene
Concen: 32.261 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044862.D
Acq: 07 Feb 2025 12:39

Tgt Ion: 95	Resp:	56135
Ion	Ratio	Lower Upper
95	100	
174	69.5	54.6 81.8
176	66.6	52.8 79.2

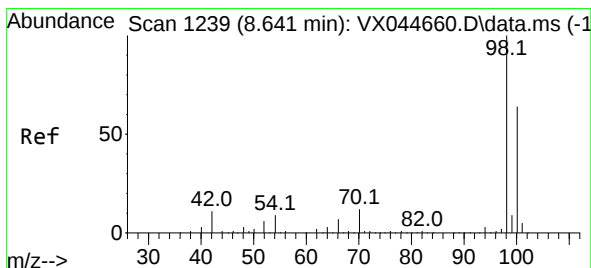
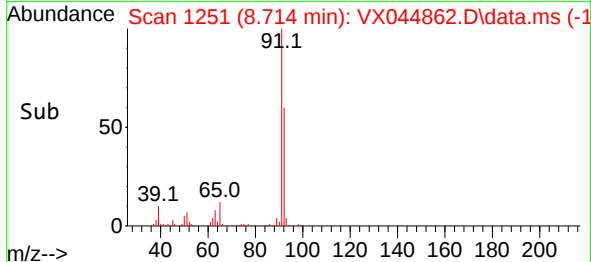
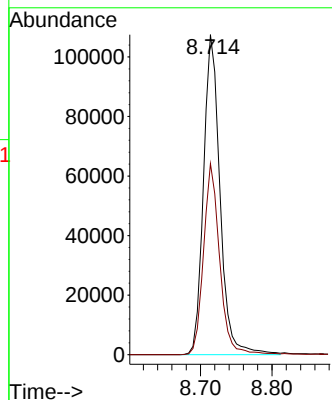
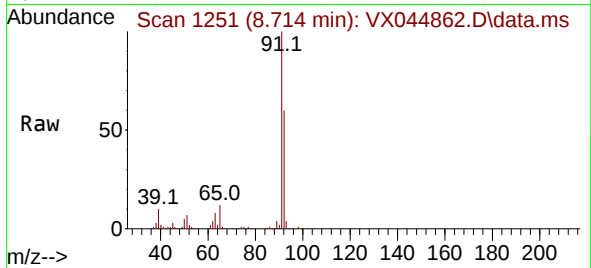




#62
Toluene
Concen: 29.285 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044862.D
Acq: 07 Feb 2025 12:39

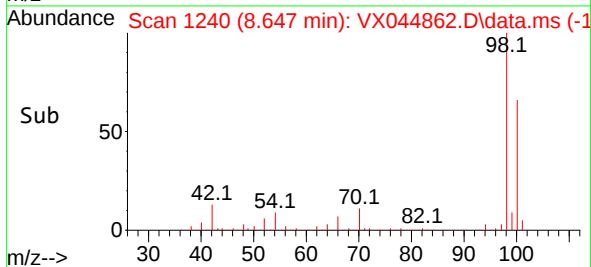
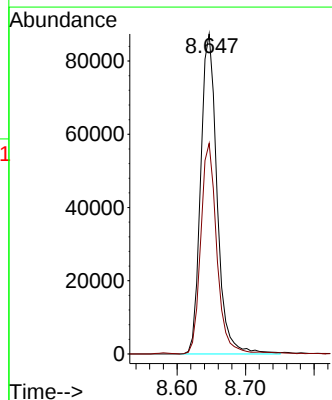
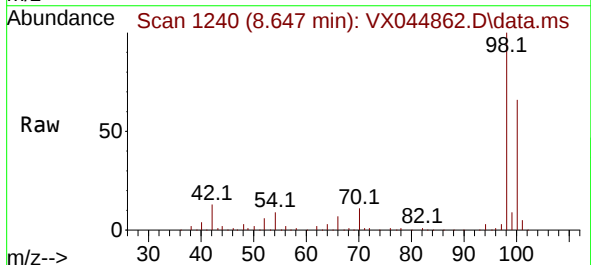
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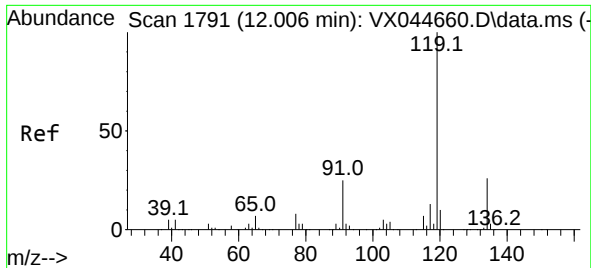
Tgt Ion: 91 Resp: 172750
Ion Ratio Lower Upper
91 100
92 57.5 47.3 70.9



#63
Toluene-d8
Concen: 29.930 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044862.D
Acq: 07 Feb 2025 12:39

Tgt Ion: 98 Resp: 145836
Ion Ratio Lower Upper
98 100
100 64.1 53.6 80.4





#82
 p-Isopropyltoluene
 Concen: 1.673 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044862.D
 Acq: 07 Feb 2025 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(FEB)

Tgt Ion:	119	Resp:	8192
Ion	Ratio	Lower	Upper
119	100		
134	27.3	0.0	52.2
91	28.1	0.0	50.2

