

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043017.D
 Acq On : 13 Aug 2024 16:06
 Operator : JC/MD
 Sample : P3546-01DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVDDL

Quant Time: Aug 14 04:34:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 2024
 Response via : Initial Calibration

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

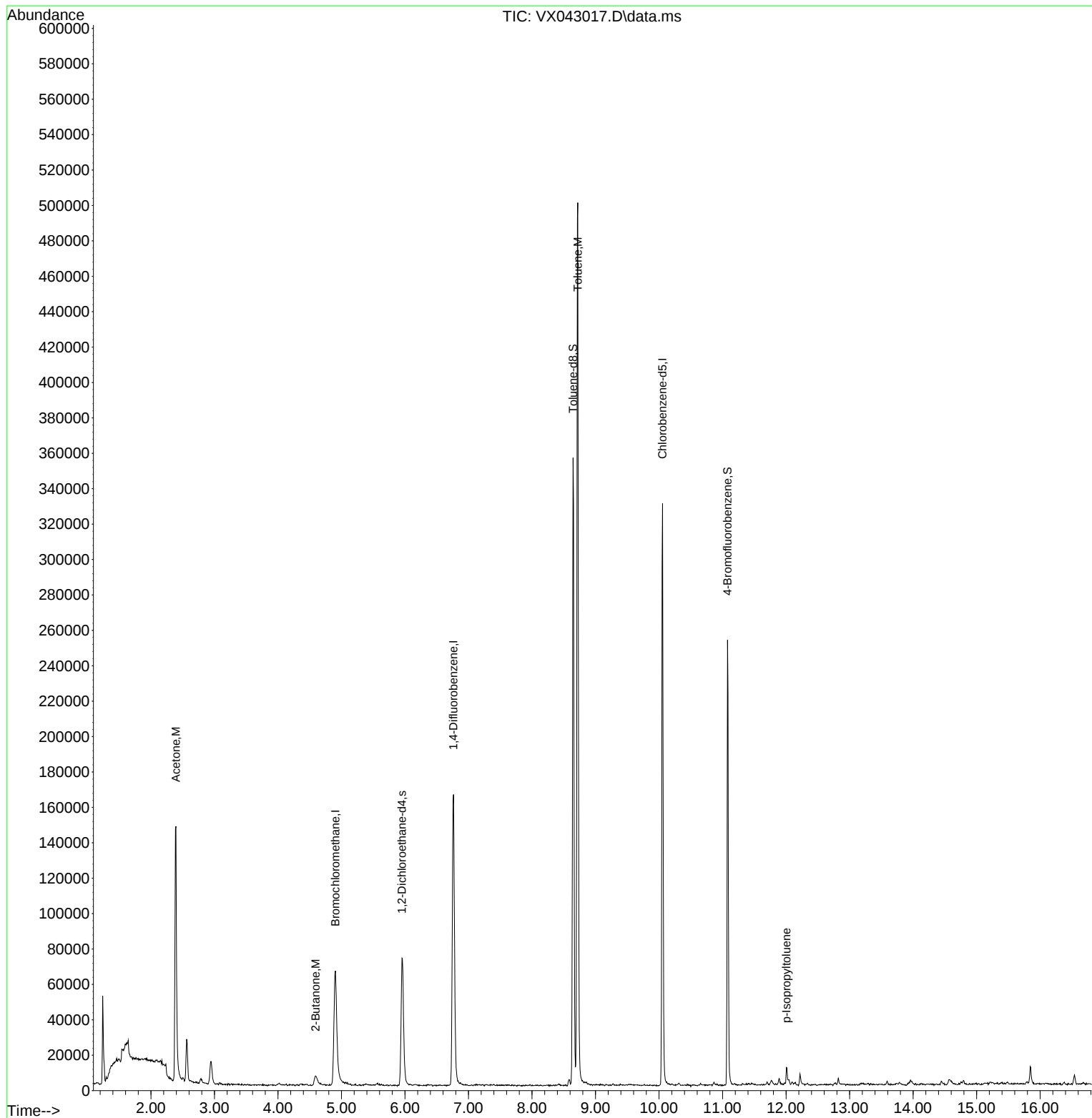
Internal Standards						
1) Bromochloromethane	4.904	128	29262	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	175292	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	153714	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	65559	27.677	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.267%
60) 4-Bromofluorobenzene	11.079	95	71844	27.532	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.767%
63) Toluene-d8	8.647	98	214660	30.400	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.333%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	56782	147.147	ug/l	73
30) 2-Butanone	4.593	43	8357m	4.335	ug/l	
62) Toluene	8.720	91	338026	38.497	ug/l	98
82) p-Isopropyltoluene	12.006	119	4774	0.628	ug/l	97

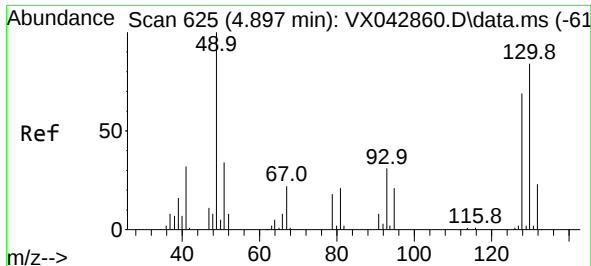
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.904 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX043017.D

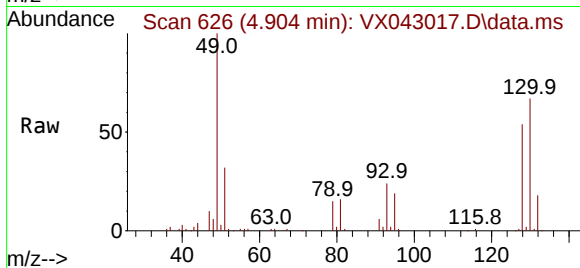
Acq: 13 Aug 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

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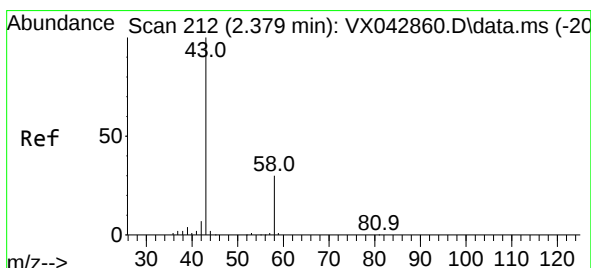
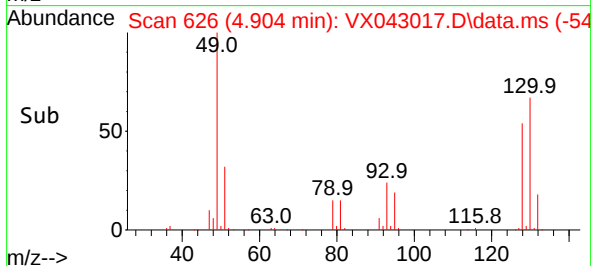
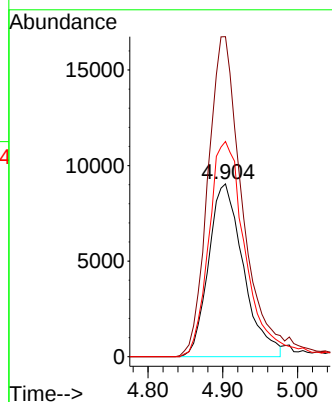
Tgt Ion:128 Resp: 29262

Ion Ratio Lower Upper

128 100

49 186.9 0.0 400.5

130 130.5 0.0 333.0



#15

Acetone

Concen: 147.147 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX043017.D

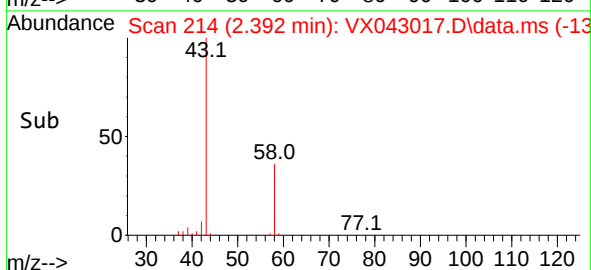
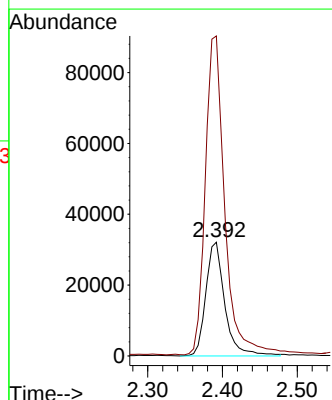
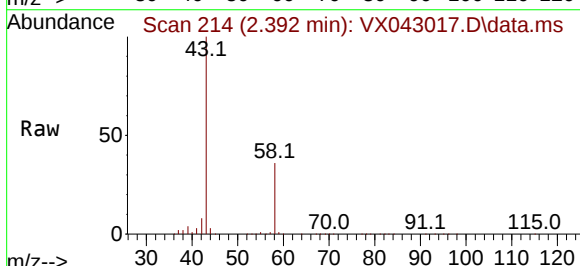
Acq: 13 Aug 2024 16:06

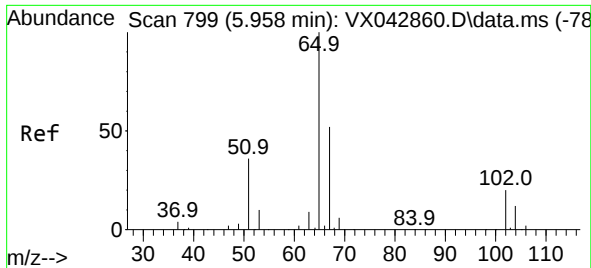
Tgt Ion: 58 Resp: 56782

Ion Ratio Lower Upper

58 100

43 280.2 269.9 404.9





#27

1,2-Dichloroethane-d4

Concen: 27.677 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX043017.D

Acq: 13 Aug 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

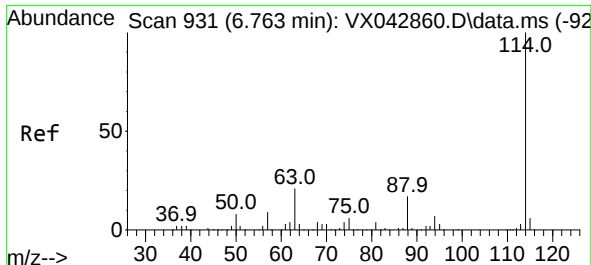
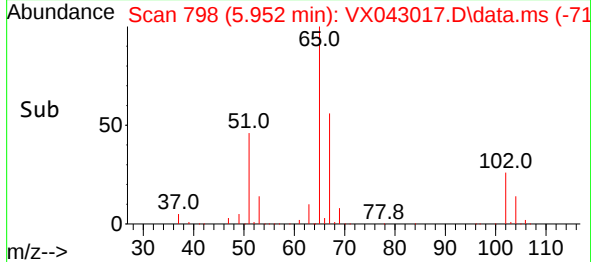
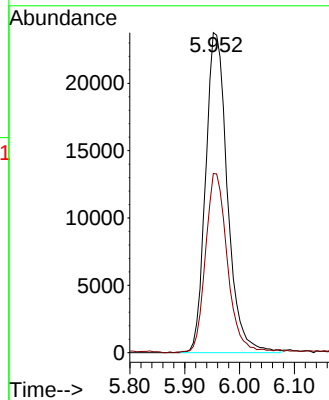
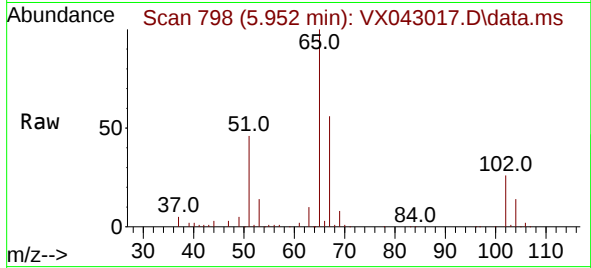
001-WILLETS-PT-BLVDDL

Tgt Ion: 65 Resp: 65559

Ion Ratio Lower Upper

65 100

67 55.8 40.6 60.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043017.D

Acq: 13 Aug 2024 16:06

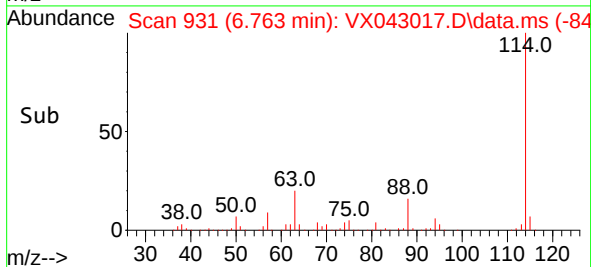
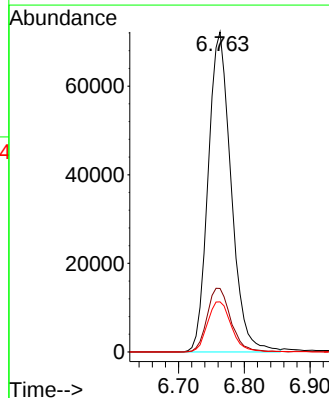
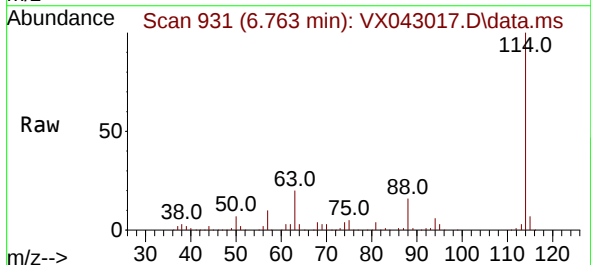
Tgt Ion: 114 Resp: 175292

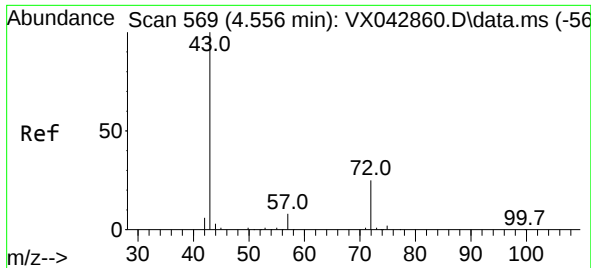
Ion Ratio Lower Upper

114 100

63 20.6 16.0 24.0

88 16.3 12.5 18.7

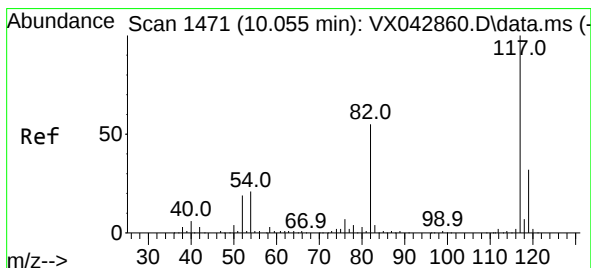
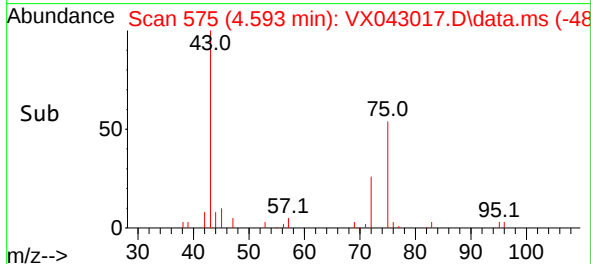
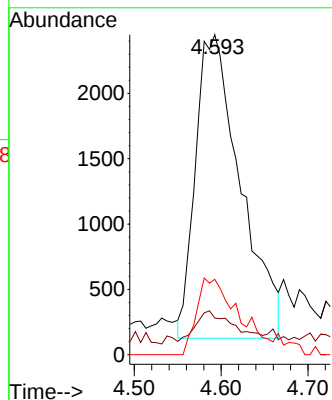
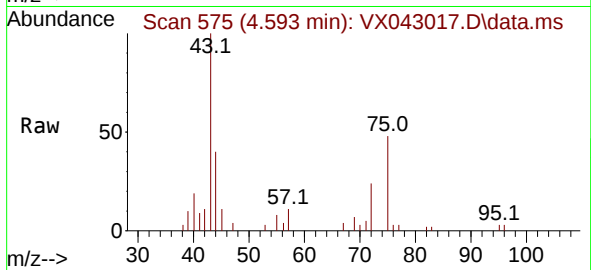




#30
2-Butanone
Concen: 4.335 ug/l m
RT: 4.593 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX043017.D
Acq: 13 Aug 2024 16:06

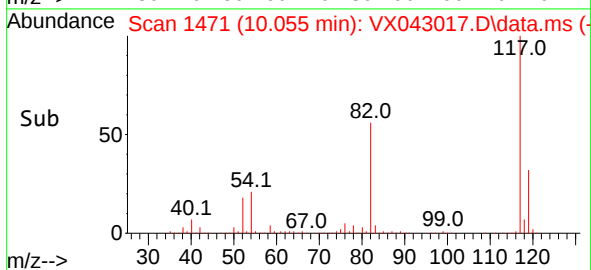
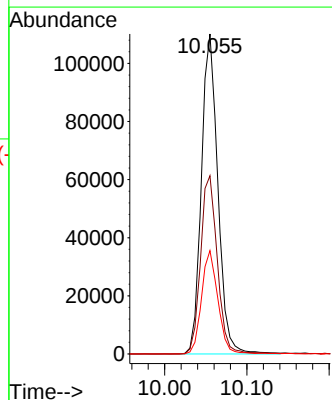
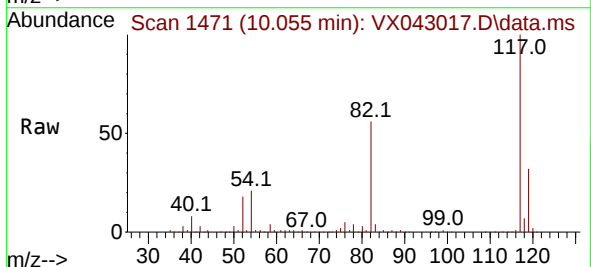
Instrument :
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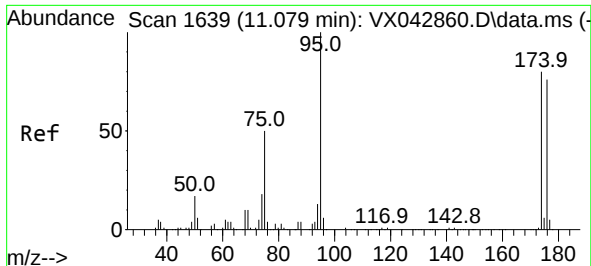
Tgt Ion: 43 Resp: 8357
Ion Ratio Lower Upper
43 100
57 5.0 6.6 10.0#
72 16.5 21.0 31.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043017.D
Acq: 13 Aug 2024 16:06

Tgt Ion: 117 Resp: 153714
Ion Ratio Lower Upper
117 100
82 56.4 44.9 67.3
119 31.9 25.4 38.2

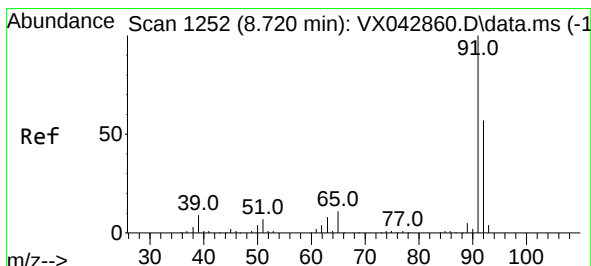
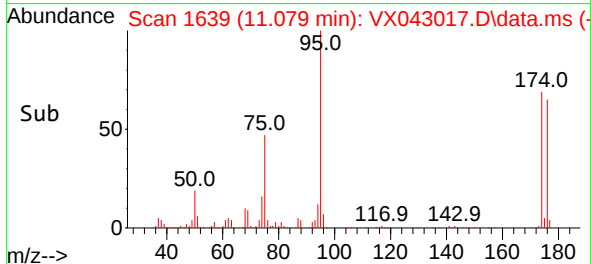
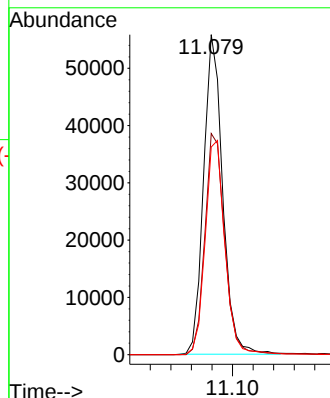
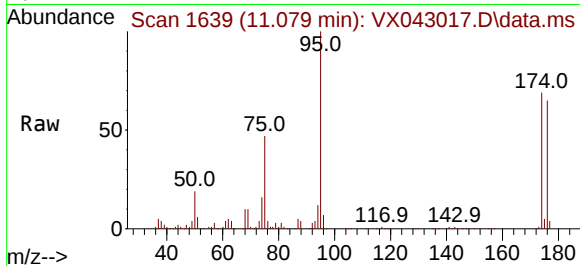




#60
4-Bromofluorobenzene
Concen: 27.532 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043017.D
Acq: 13 Aug 2024 16:06

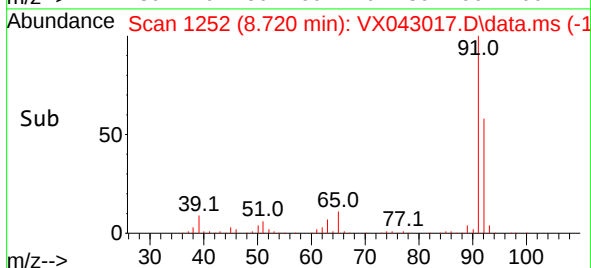
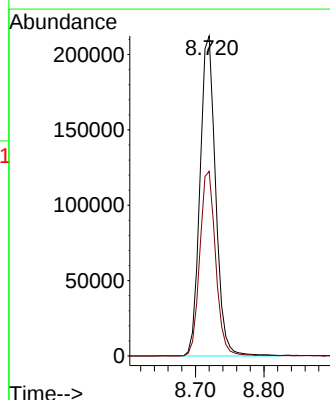
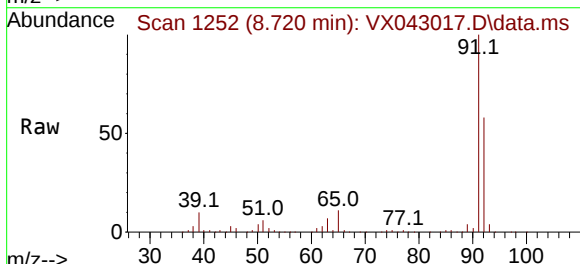
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MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVDDL

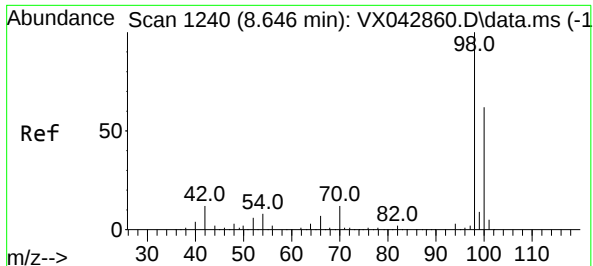
Tgt Ion: 95 Resp: 71844
Ion Ratio Lower Upper
95 100
174 72.2 65.0 97.6
176 69.6 63.4 95.0



#62
Toluene
Concen: 38.497 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX043017.D
Acq: 13 Aug 2024 16:06

Tgt Ion: 91 Resp: 338026
Ion Ratio Lower Upper
91 100
92 58.4 45.7 68.5

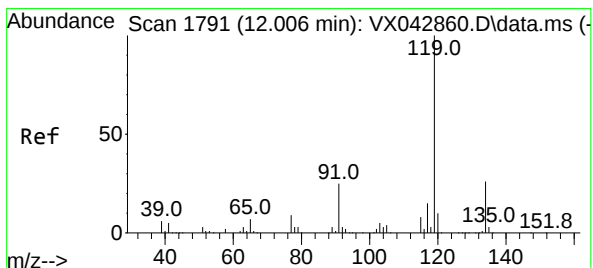
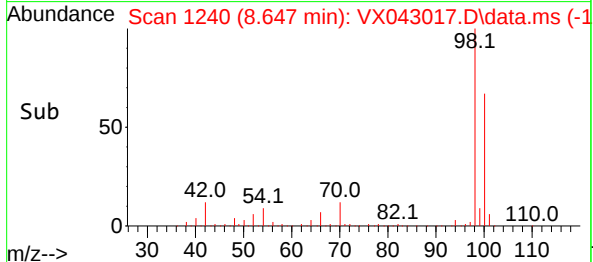
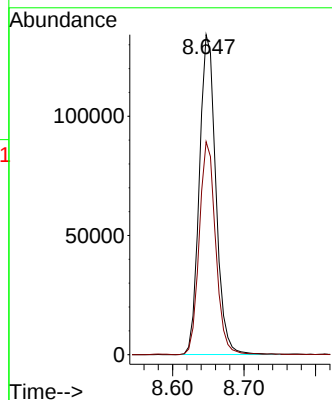
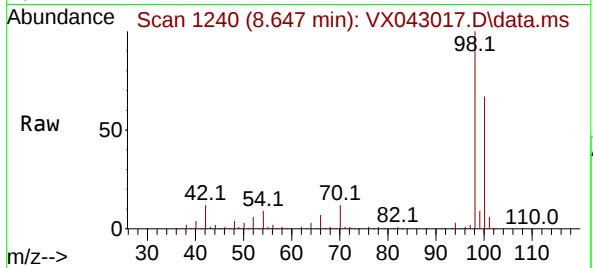




#63
Toluene-d8
Concen: 30.400 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043017.D
Acq: 13 Aug 2024 16:06

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVDDL

Tgt Ion: 98 Resp: 214660
Ion Ratio Lower Upper
98 100
100 66.2 50.9 76.3



#82
p-Isopropyltoluene
Concen: 0.628 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX043017.D
Acq: 13 Aug 2024 16:06

Tgt Ion:119 Resp: 4774
Ion Ratio Lower Upper
119 100
134 27.5 0.0 51.8
91 25.4 0.0 48.4

