

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043015.D
 Acq On : 13 Aug 2024 15:19
 Operator : JC/MD
 Sample : P3546-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 14 04:33:36 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)

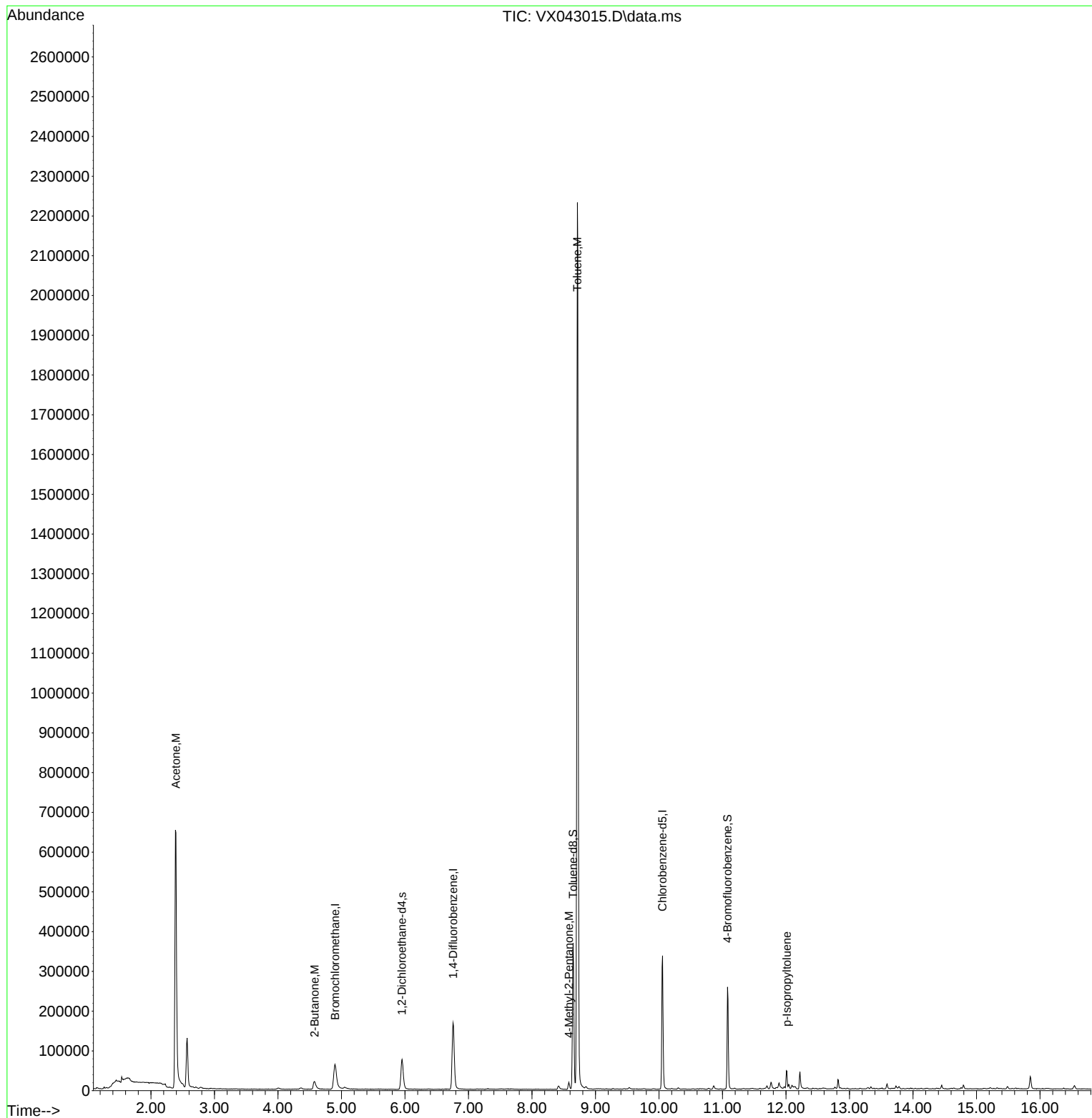
Internal Standards						
1) Bromochloromethane	4.898	128	30506	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	179719	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	155841	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	66091	26.764	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	89.200%#
60) 4-Bromofluorobenzene	11.079	95	73824	27.905	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.000%
63) Toluene-d8	8.647	98	218870	30.573	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.900%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	263873	655.927	ug/l	76
30) 2-Butanone	4.574	43	39588	20.030	ug/l #	97
58) 4-Methyl-2-Pentanone	8.580	43	10375	2.879	ug/l	95
62) Toluene	8.714	91	1464504	164.511	ug/l	97
82) p-Isopropyltoluene	12.012	119	21744	2.821	ug/l	99

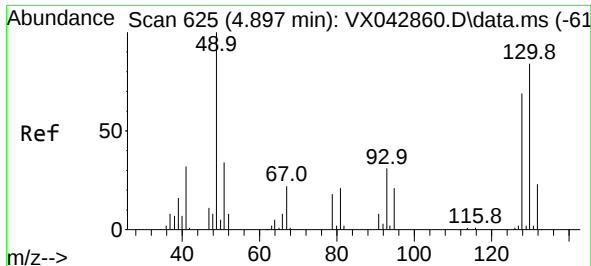
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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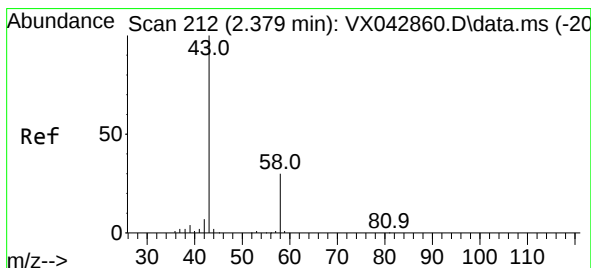
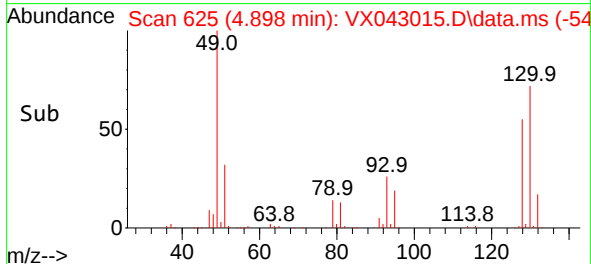
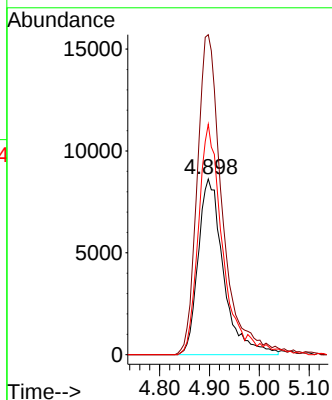
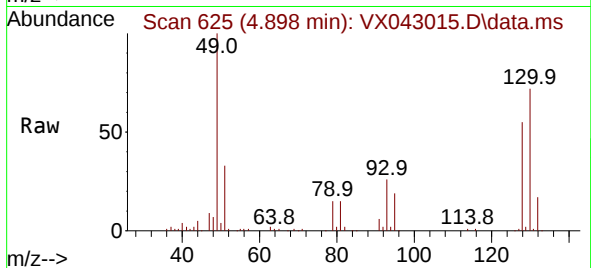




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX043015.D
Acq: 13 Aug 2024 15:19

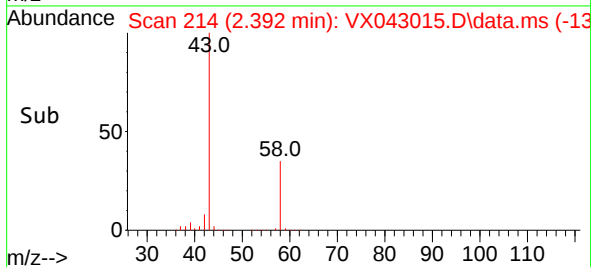
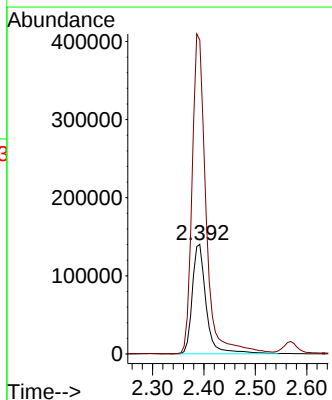
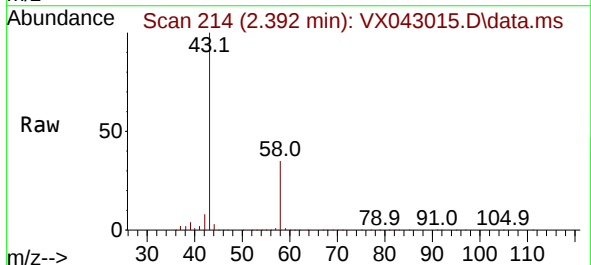
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD

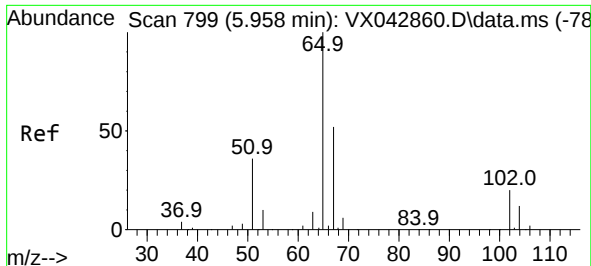
Tgt Ion:128 Resp: 30506
Ion Ratio Lower Upper
128 100
49 176.8 0.0 400.5
130 119.6 0.0 333.0



#15
Acetone
Concen: 655.927 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX043015.D
Acq: 13 Aug 2024 15:19

Tgt Ion: 58 Resp: 263873
Ion Ratio Lower Upper
58 100
43 286.3 269.9 404.9





#27

1,2-Dichloroethane-d4

Concen: 26.764 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX043015.D

Acq: 13 Aug 2024 15:19

Instrument :

MSVOA_X

ClientSampleId :

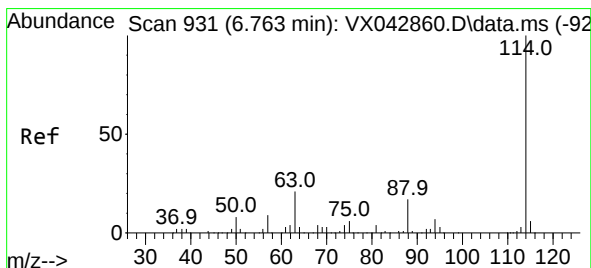
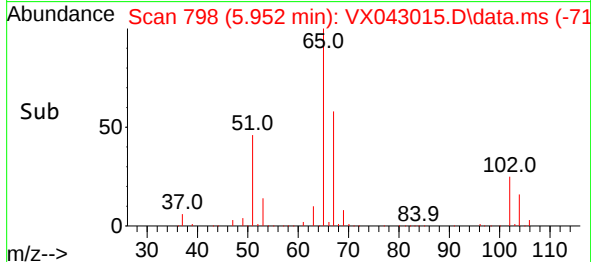
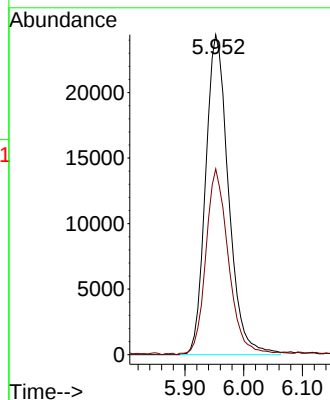
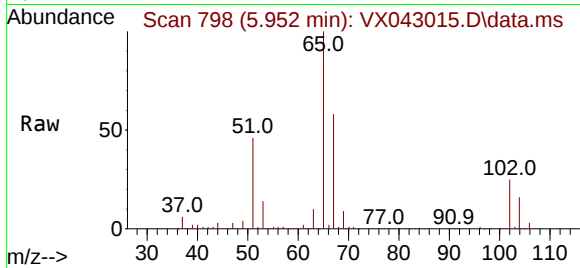
001-WILLETS-PT-BLVD

Tgt Ion: 65 Resp: 66091

Ion Ratio Lower Upper

65 100

67 57.4 40.6 60.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043015.D

Acq: 13 Aug 2024 15:19

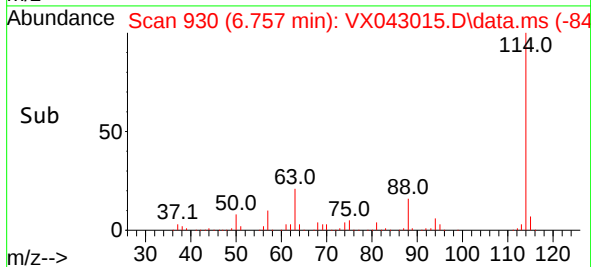
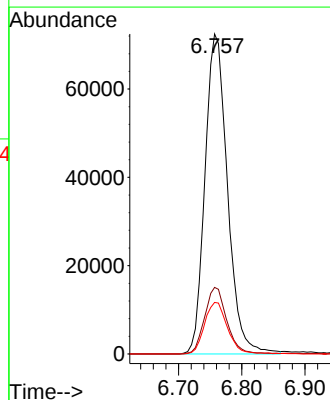
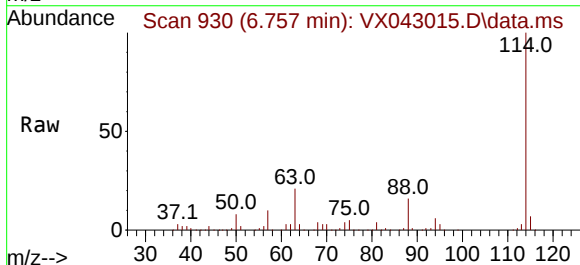
Tgt Ion: 114 Resp: 179719

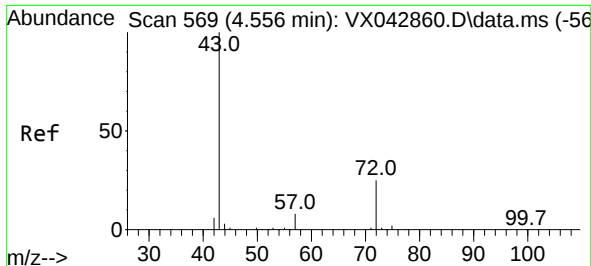
Ion Ratio Lower Upper

114 100

63 20.4 16.0 24.0

88 16.3 12.5 18.7

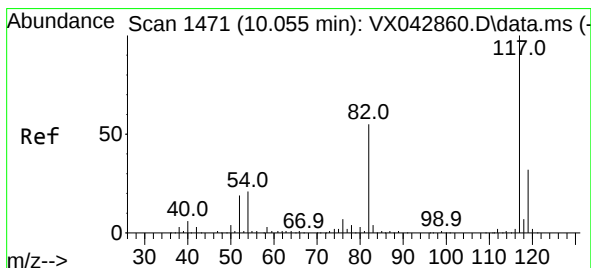
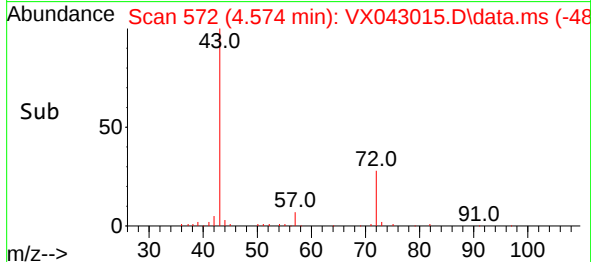
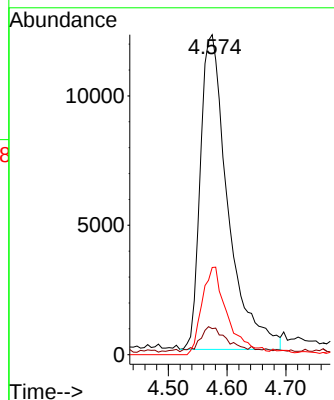
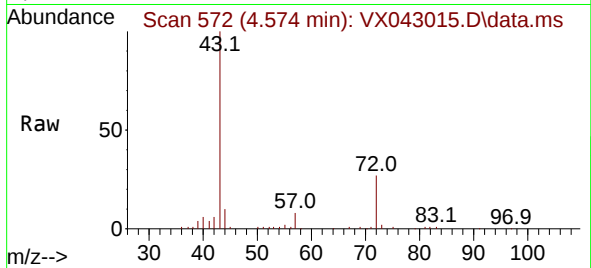




#30
2-Butanone
Concen: 20.030 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043015.D
Acq: 13 Aug 2024 15:19

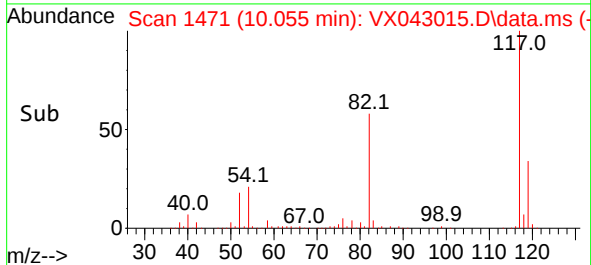
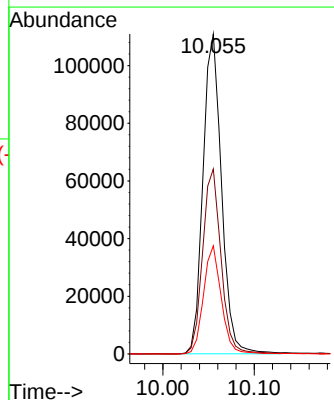
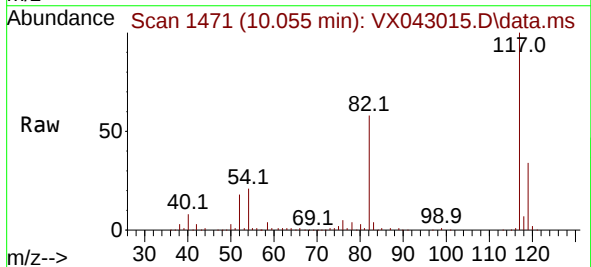
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD

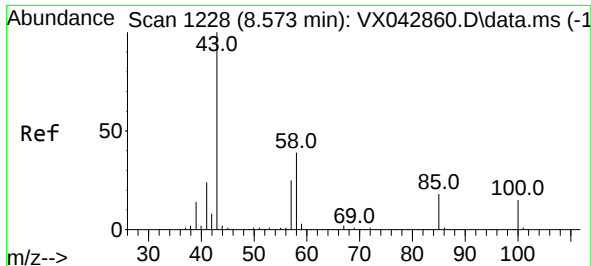
Tgt Ion: 43 Resp: 39588
Ion Ratio Lower Upper
43 100
57 5.3 6.6 10.0#
72 25.5 21.0 31.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043015.D
Acq: 13 Aug 2024 15:19

Tgt Ion: 117 Resp: 155841
Ion Ratio Lower Upper
117 100
82 57.6 44.9 67.3
119 32.4 25.4 38.2

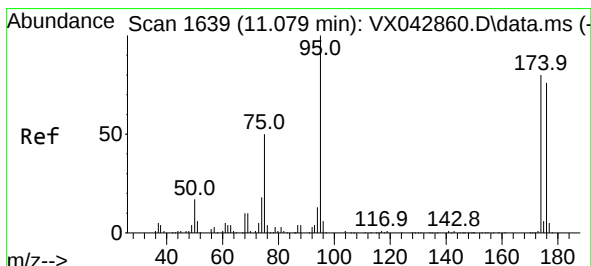
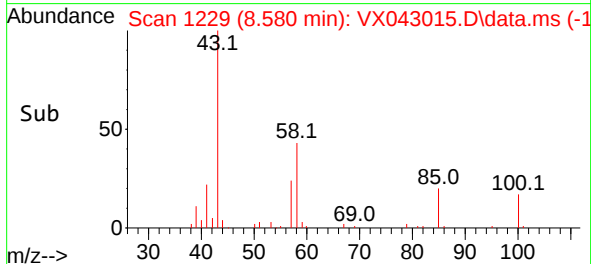
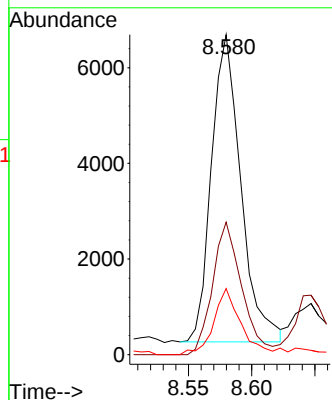
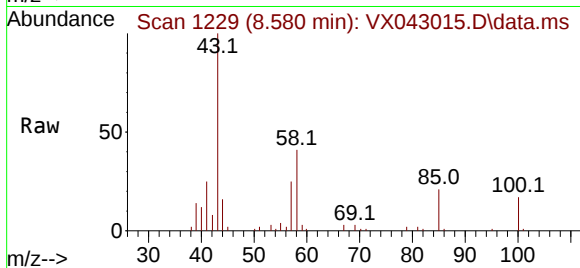




#58
 4-Methyl-2-Pentanone
 Concen: 2.879 ug/l
 RT: 8.580 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX043015.D
 Acq: 13 Aug 2024 15:19

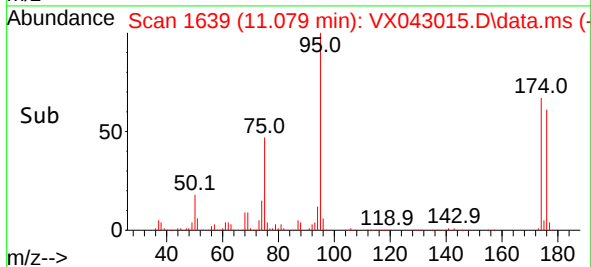
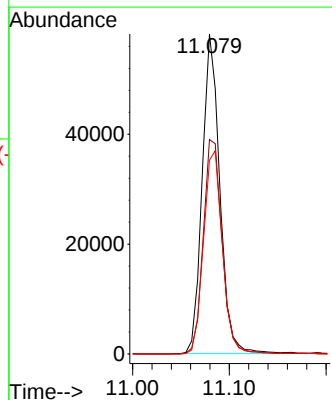
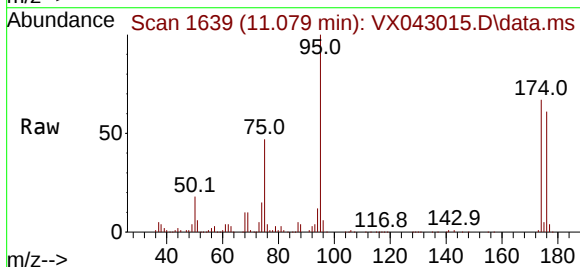
Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD

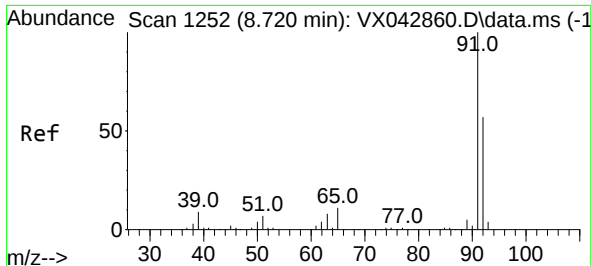
Tgt Ion:	43	Resp:	10375
Ion	Ratio	Lower	Upper
43	100		
58	42.7	31.4	47.0
85	19.6	14.6	21.8



#60
 4-Bromofluorobenzene
 Concen: 27.905 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX043015.D
 Acq: 13 Aug 2024 15:19

Tgt Ion:	95	Resp:	73824
Ion	Ratio	Lower	Upper
95	100		
174	71.8	65.0	97.6
176	67.5	63.4	95.0

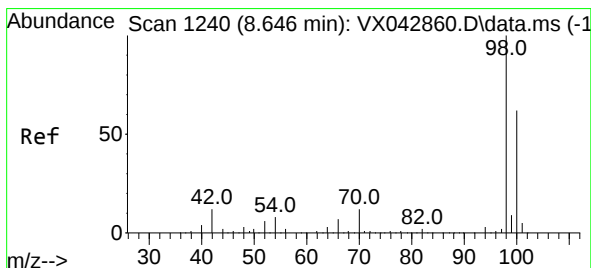
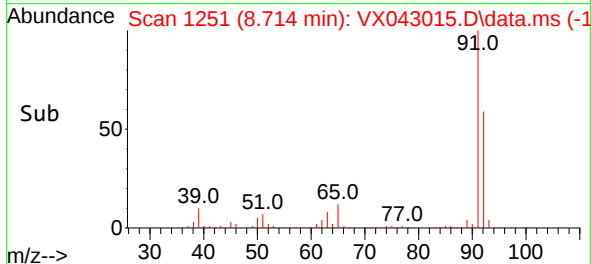
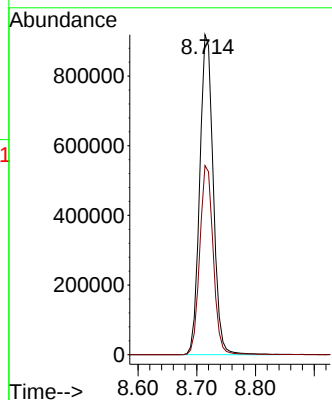
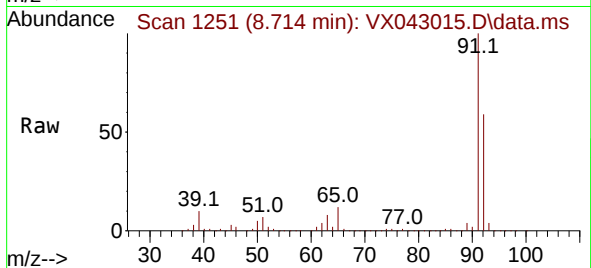




#62
Toluene
Concen: 164.511 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX043015.D
Acq: 13 Aug 2024 15:19

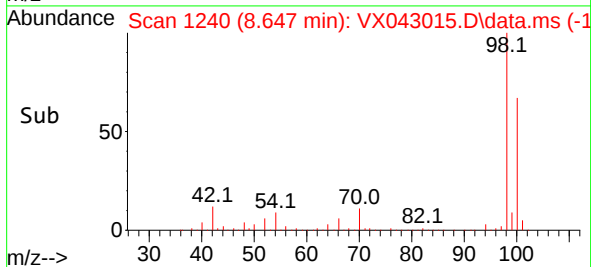
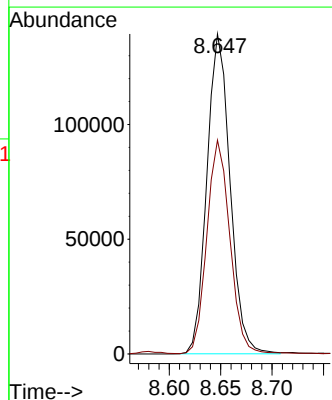
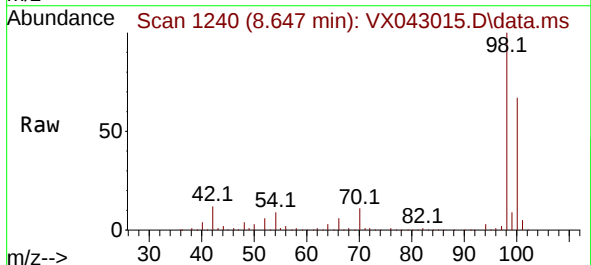
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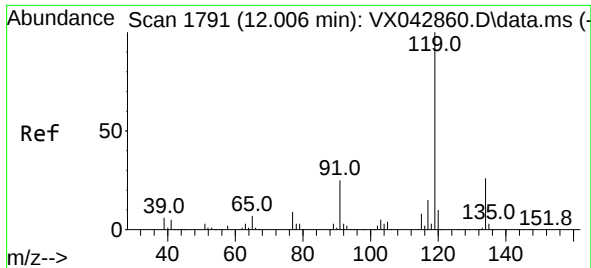
Tgt Ion: 91 Resp: 1464504
Ion Ratio Lower Upper
91 100
92 59.0 45.7 68.5



#63
Toluene-d8
Concen: 30.573 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043015.D
Acq: 13 Aug 2024 15:19

Tgt Ion: 98 Resp: 218870
Ion Ratio Lower Upper
98 100
100 66.7 50.9 76.3





#82

p-Isopropyltoluene

Concen: 2.821 ug/l

RT: 12.012 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043015.D

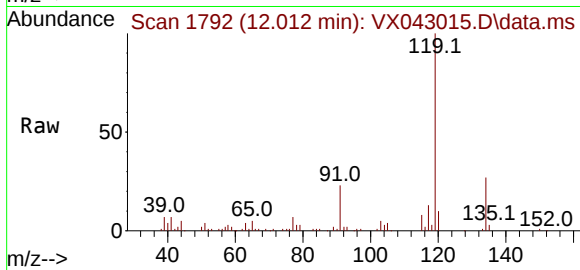
Acq: 13 Aug 2024 15:19

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD



Tgt Ion:119 Resp: 21744

Ion Ratio Lower Upper

119 100

134 26.2 0.0 51.8

91 24.6 0.0 48.4

