

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029977.D
 Acq On : 08 Jul 2022 16:52
 Operator : JC/MD
 Sample : N3646-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 09 02:19:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

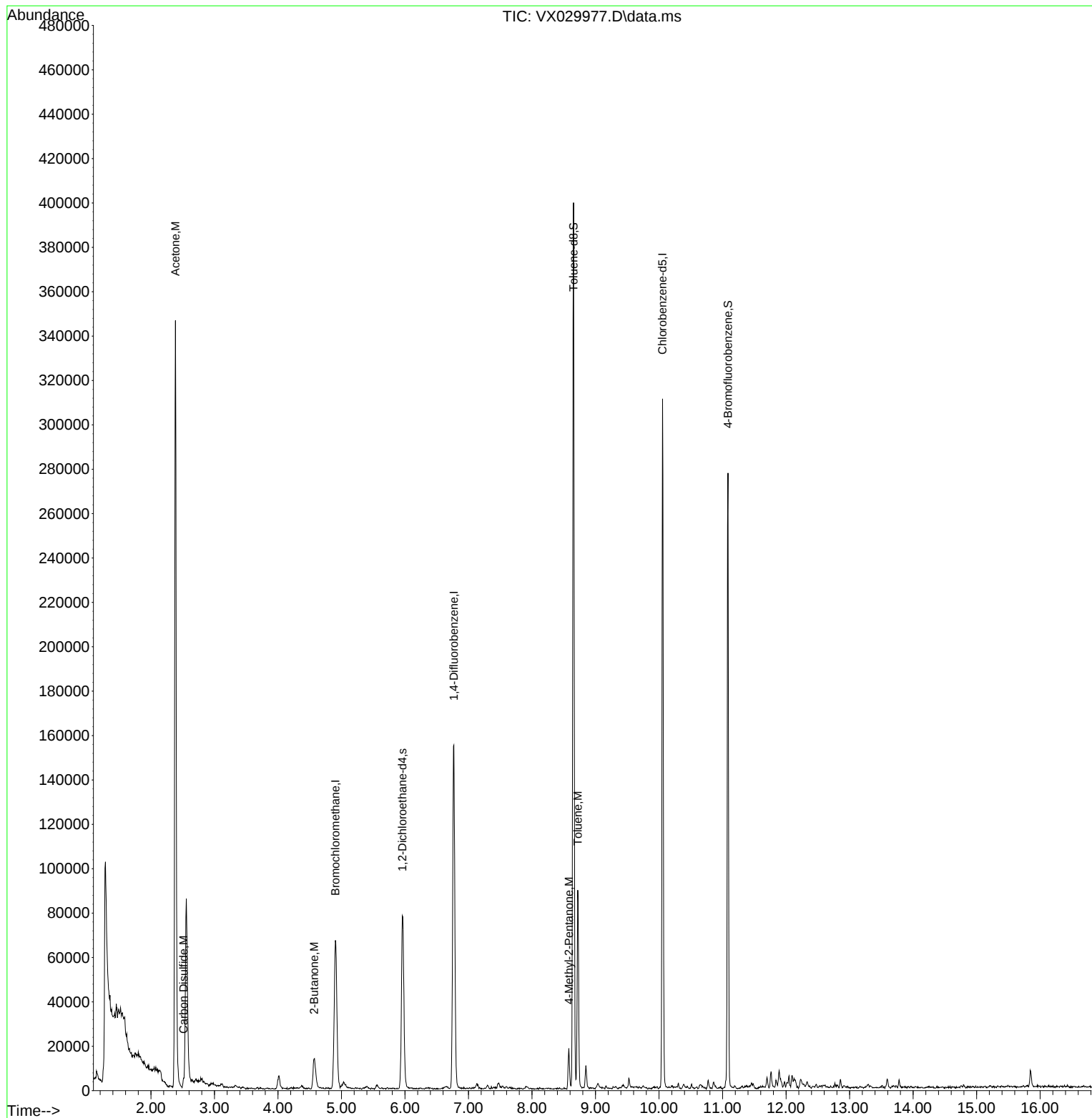
Internal Standards						
1) Bromochloromethane	4.903	128	30085	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	166014	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	146514	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	69727	28.423	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.733%
60) 4-Bromofluorobenzene	11.085	95	77979	28.242	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.133%
63) Toluene-d8	8.653	98	237078	29.841	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.467%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	125811	311.892	ug/l	85
16) Carbon Disulfide	2.514	76	5463	0.988	ug/l #	94
30) 2-Butanone	4.568	43	25476	13.290	ug/l #	74
58) 4-Methyl-2-Pentanone	8.580	43	10475	2.894	ug/l	98
62) Toluene	8.720	91	59331	6.088	ug/l	97

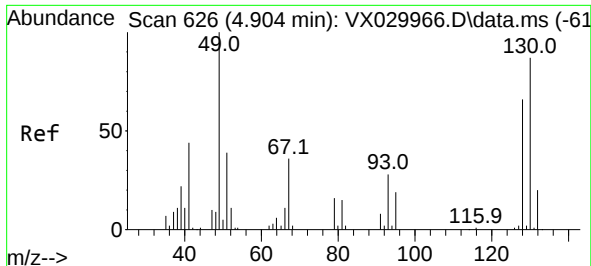
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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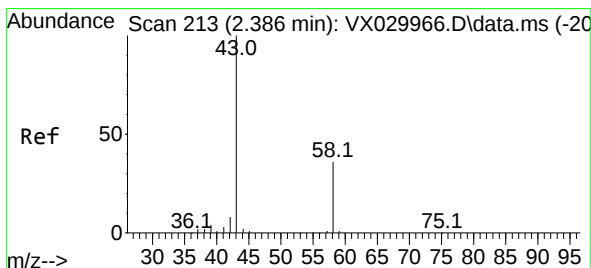
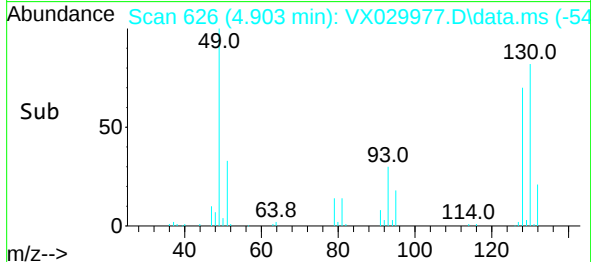
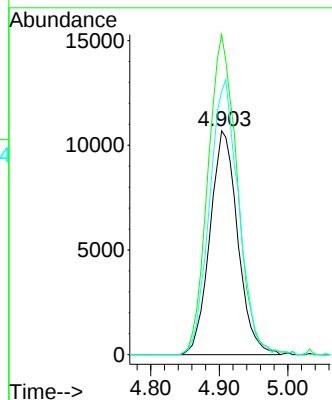
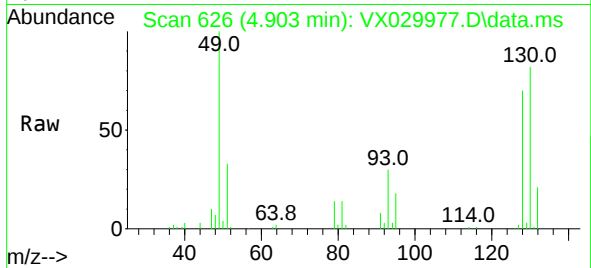




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX029977.D
Acq: 08 Jul 2022 16:52

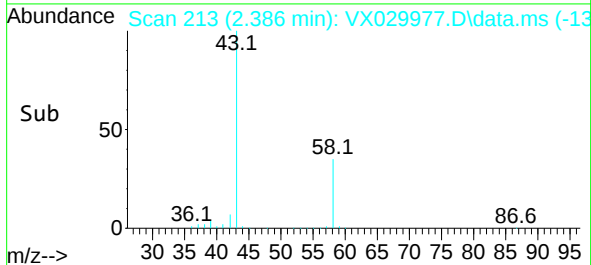
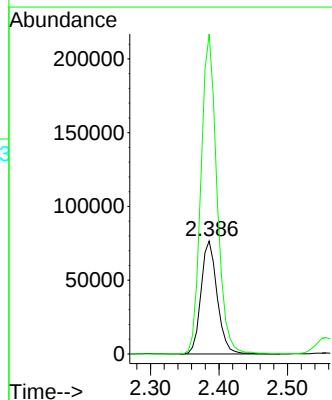
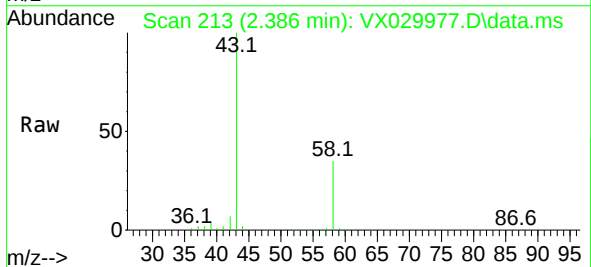
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUL)

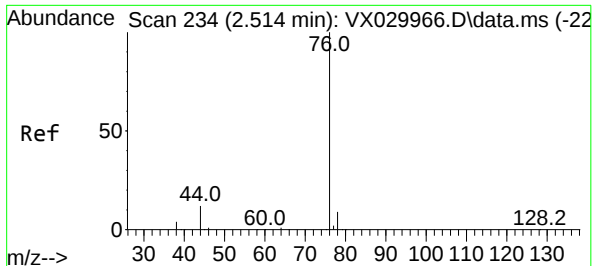
Tgt Ion:128 Resp: 30085
Ion Ratio Lower Upper
128 100
49 150.4 0.0 358.3
130 128.5 0.0 319.3



#15
Acetone
Concen: 311.892 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029977.D
Acq: 08 Jul 2022 16:52

Tgt Ion: 58 Resp: 125811
Ion Ratio Lower Upper
58 100
43 283.0 250.2 375.2

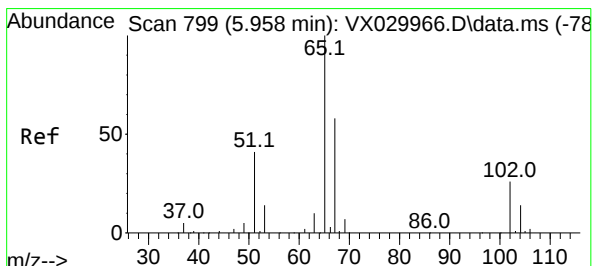
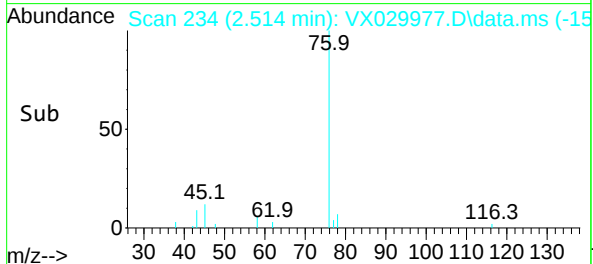
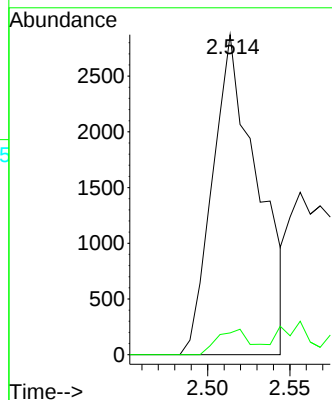
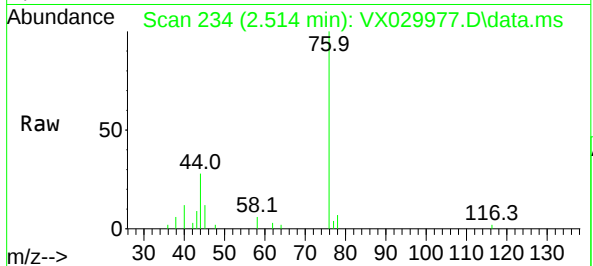




#16
Carbon Disulfide
Concen: 0.988 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029977.D
Acq: 08 Jul 2022 16:52

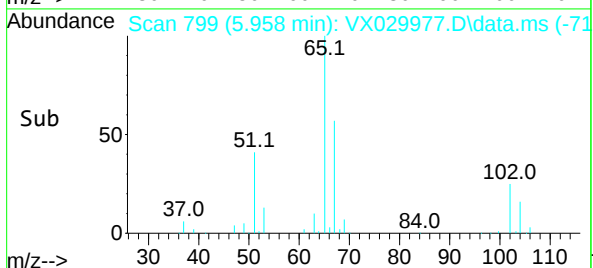
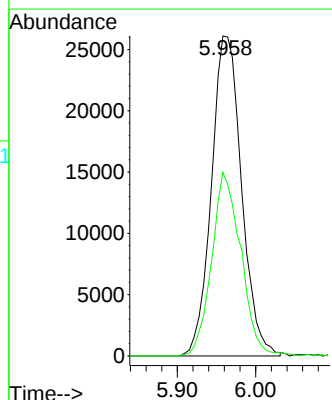
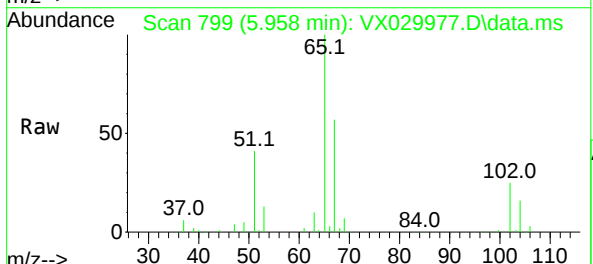
Instrument :
MSVOA_X
ClientSampleId :
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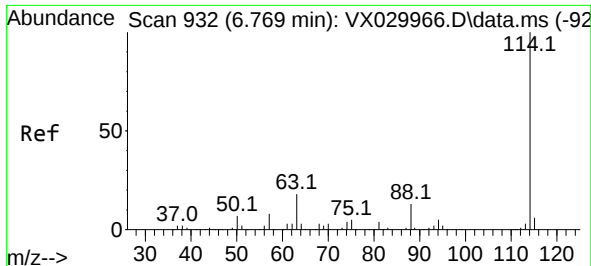
Tgt Ion: 76 Resp: 5463
Ion Ratio Lower Upper
76 100
78 6.8 7.1 10.7#



#27
1,2-Dichloroethane-d4
Concen: 28.423 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029977.D
Acq: 08 Jul 2022 16:52

Tgt Ion: 65 Resp: 69727
Ion Ratio Lower Upper
65 100
67 55.6 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX029977.D

Acq: 08 Jul 2022 16:52

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JUL)

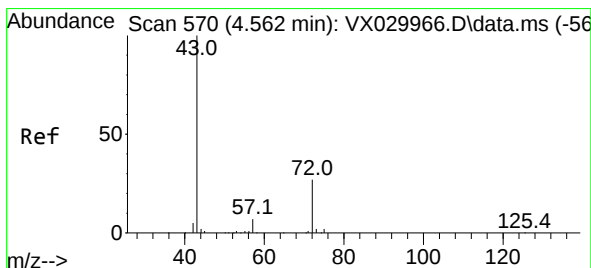
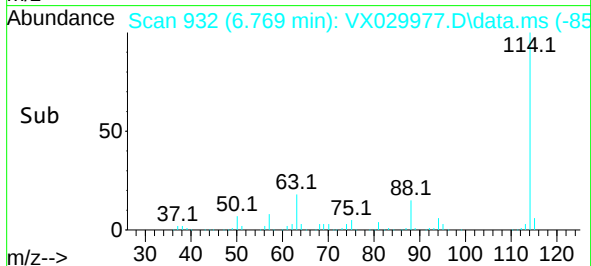
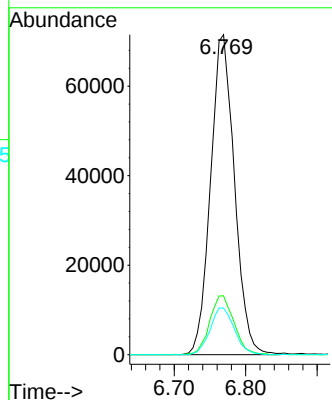
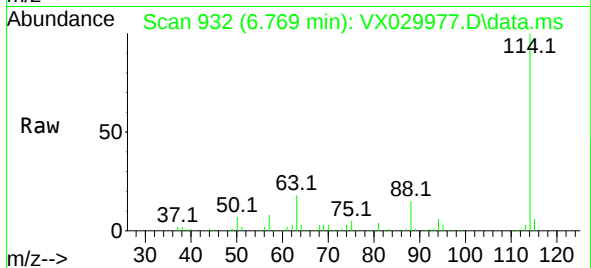
Tgt Ion:114 Resp: 166014

Ion Ratio Lower Upper

114 100

63 18.7 15.3 22.9

88 14.8 12.2 18.4



#30

2-Butanone

Concen: 13.290 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX029977.D

Acq: 08 Jul 2022 16:52

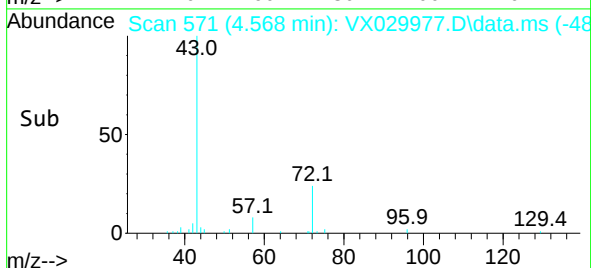
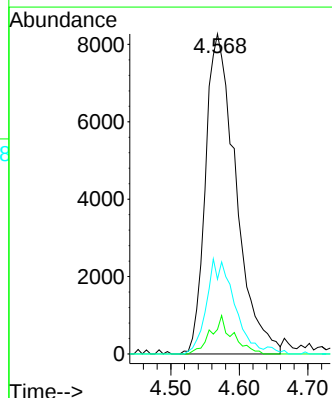
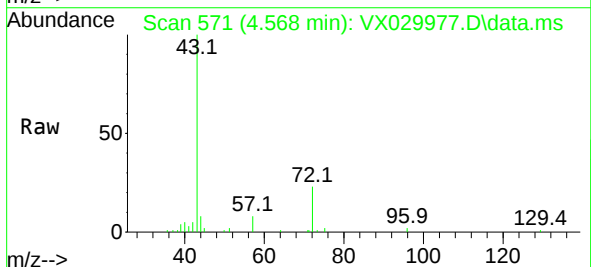
Tgt Ion: 43 Resp: 25476

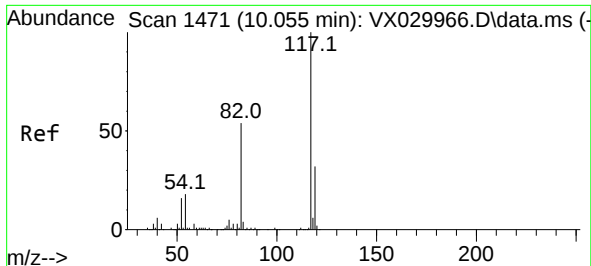
Ion Ratio Lower Upper

43 100

57 3.8 6.6 10.0#

72 12.0 22.1 33.1#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX029977.D

Acq: 08 Jul 2022 16:52

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JUL)

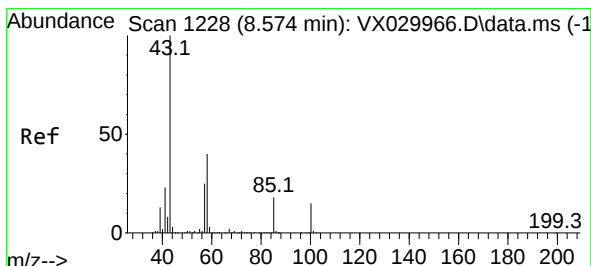
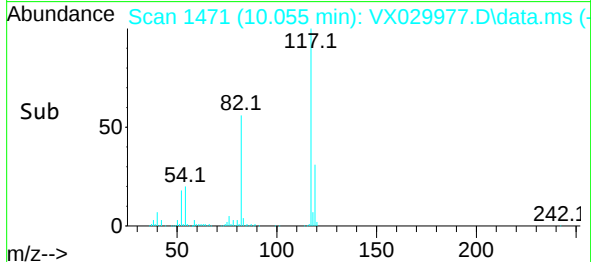
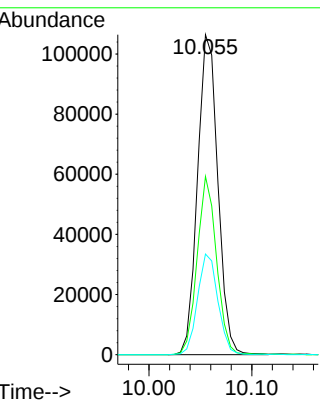
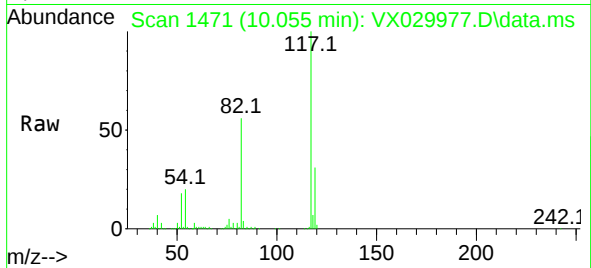
Tgt Ion:117 Resp: 146514

Ion Ratio Lower Upper

117 100

82 53.0 42.3 63.5

119 31.5 26.2 39.2



#58

4-Methyl-2-Pentanone

Concen: 2.894 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX029977.D

Acq: 08 Jul 2022 16:52

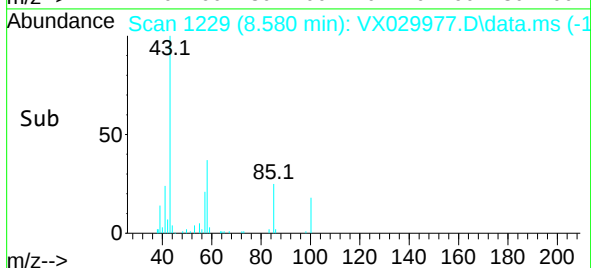
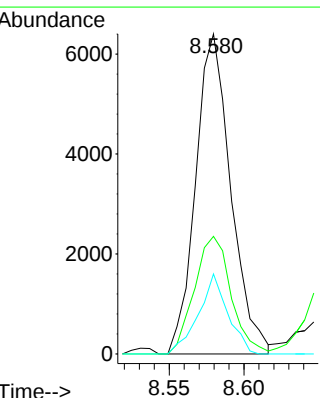
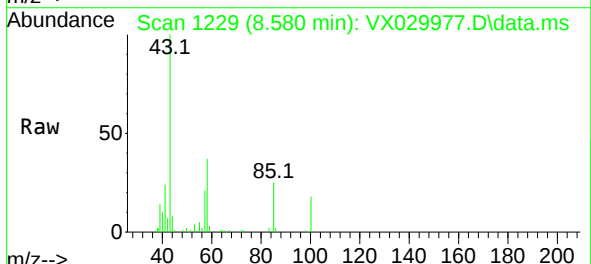
Tgt Ion: 43 Resp: 10475

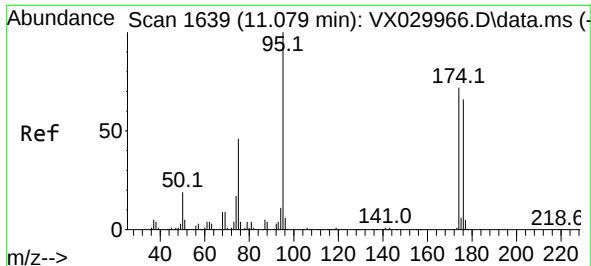
Ion Ratio Lower Upper

43 100

58 38.2 31.8 47.6

85 20.9 15.8 23.6

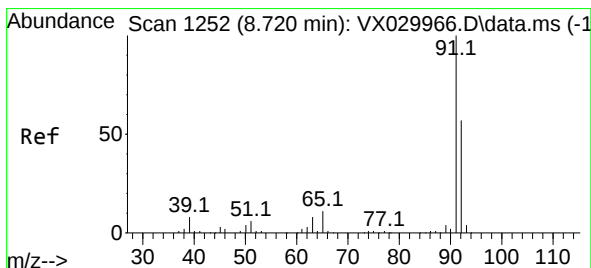
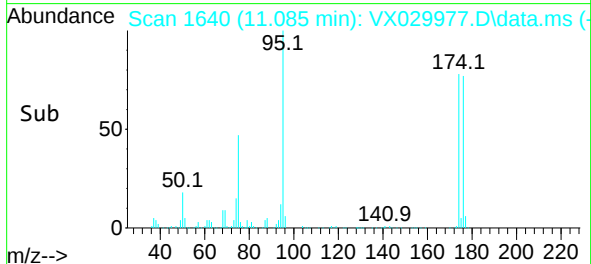
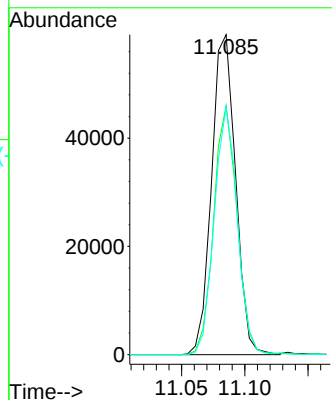
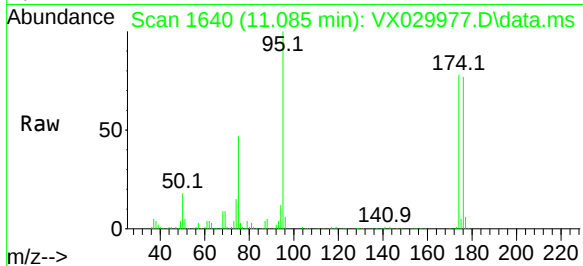




#60
4-Bromofluorobenzene
Concen: 28.242 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX029977.D
Acq: 08 Jul 2022 16:52

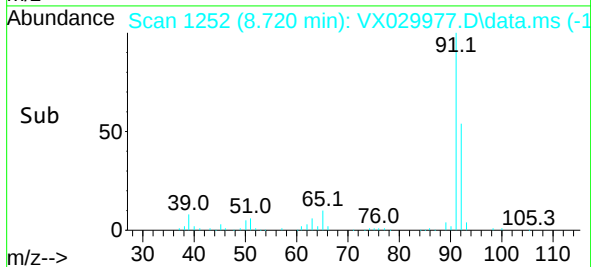
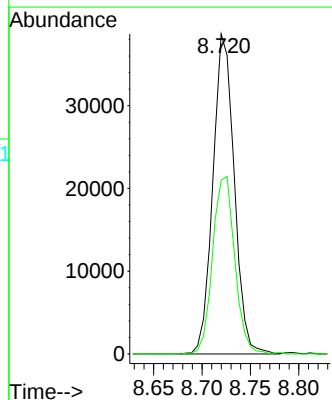
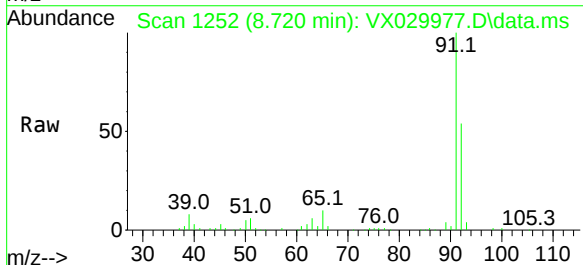
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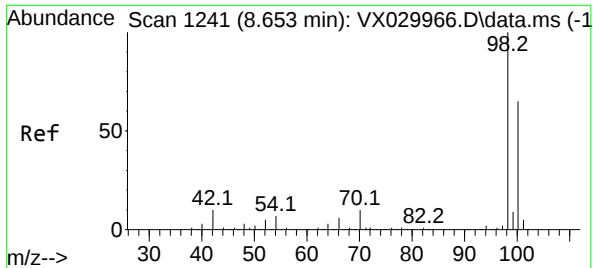
Tgt Ion: 95 Resp: 77979
Ion Ratio Lower Upper
95 100
174 75.9 65.4 98.2
176 74.0 63.4 95.0



#62
Toluene
Concen: 6.088 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029977.D
Acq: 08 Jul 2022 16:52

Tgt Ion: 91 Resp: 59331
Ion Ratio Lower Upper
91 100
92 57.6 48.1 72.1





#63
 Toluene-d8
 Concen: 29.841 ug/l
 RT: 8.653 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029977.D
 Acq: 08 Jul 2022 16:52

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

Tgt Ion: 98 Resp: 237078
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.4 77.2

