

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072823\
 Data File : VX036702.D
 Acq On : 28 Jul 2023 13:16
 Operator : JC/MD
 Sample : 03790-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)DL

Quant Time: Jul 28 16:17:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

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

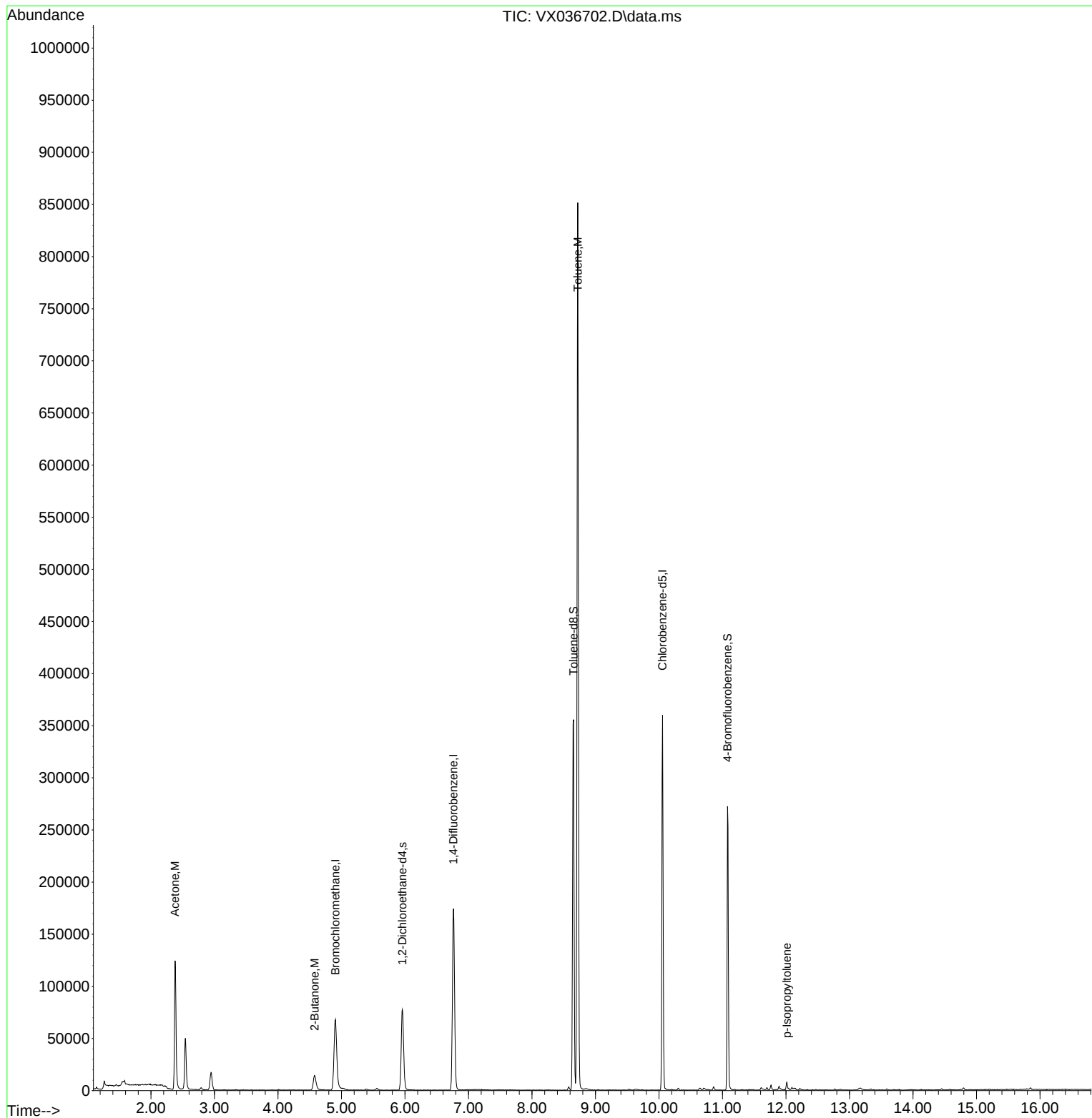
Internal Standards						
1) Bromochloromethane	4.904	128	29802	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	179478	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	158536	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	74066	29.944	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.800%
60) 4-Bromofluorobenzene	11.079	95	75163	29.228	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.433%
63) Toluene-d8	8.653	98	215154	29.493	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.300%
Target Compounds						
					Qvalue	
15) Acetone	2.380	58	42034	129.210	ug/l	96
30) 2-Butanone	4.574	43	9233	5.418	ug/l #	95
62) Toluene	8.720	91	532364	59.849	ug/l	97
82) p-Isopropyltoluene	12.012	119	3283	0.413	ug/l	96

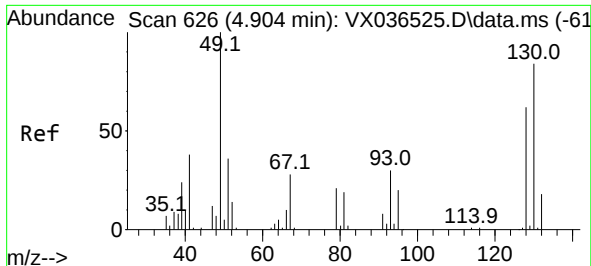
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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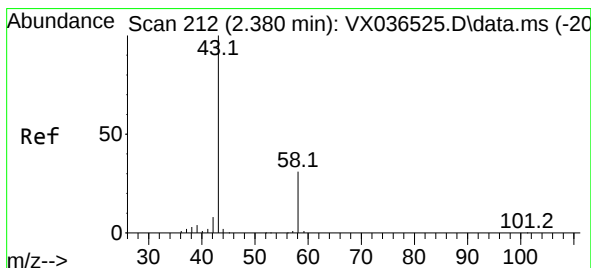
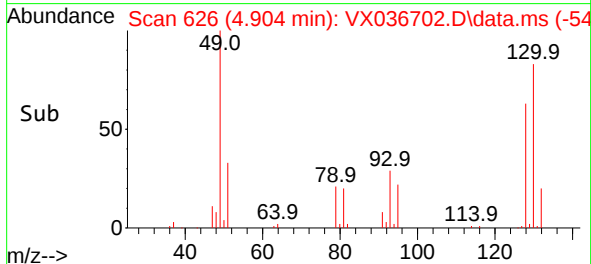
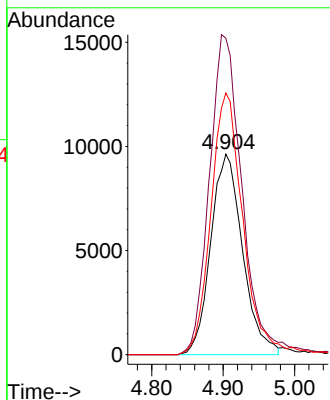
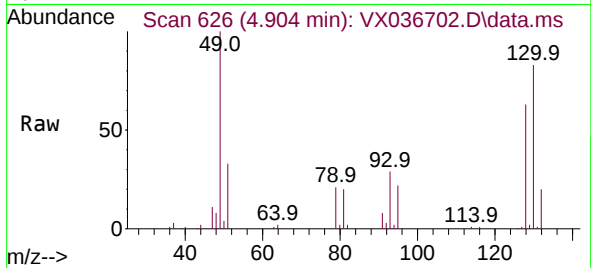




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036702.D
Acq: 28 Jul 2023 13:16

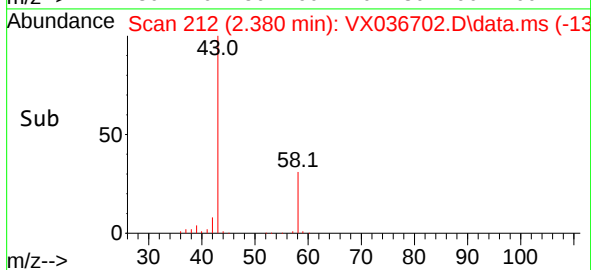
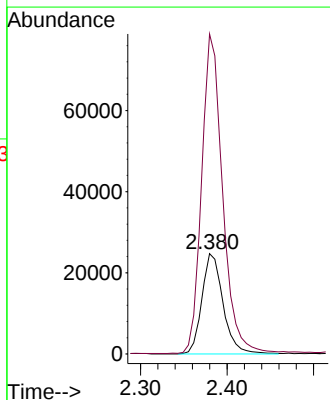
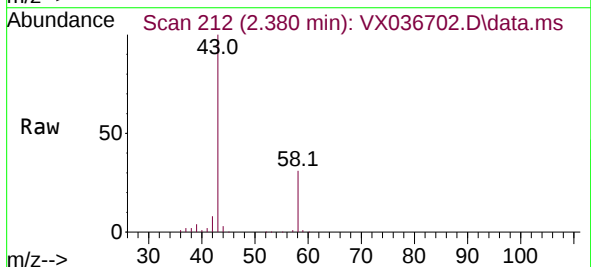
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

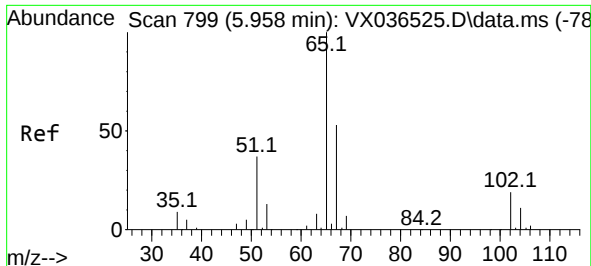
Tgt Ion:128 Resp: 29802
Ion Ratio Lower Upper
128 100
49 163.9 0.0 406.3
130 130.2 0.0 328.0



#15
Acetone
Concen: 129.210 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX036702.D
Acq: 28 Jul 2023 13:16

Tgt Ion: 58 Resp: 42034
Ion Ratio Lower Upper
58 100
43 318.5 261.0 391.4





#27

1,2-Dichloroethane-d4

Concen: 29.944 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036702.D

Acq: 28 Jul 2023 13:16

Instrument :

MSVOA_X

ClientSampleId :

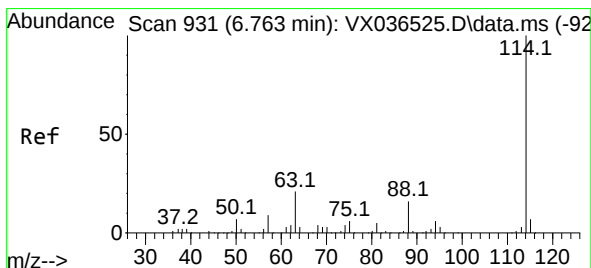
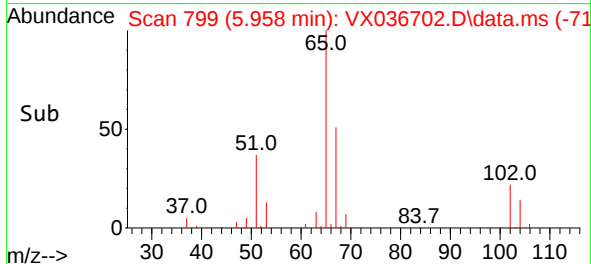
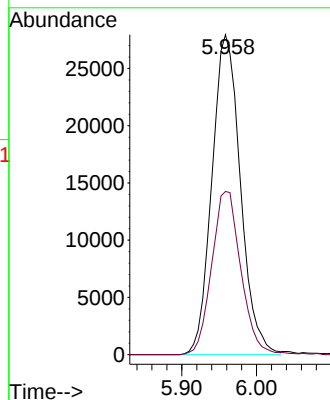
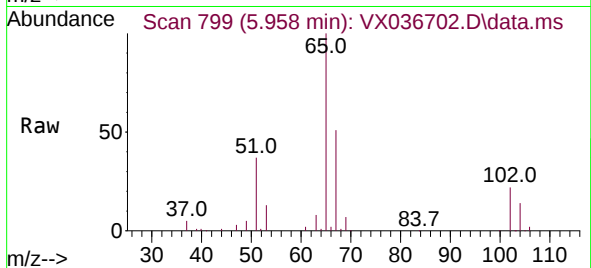
001-WILLETS-PT-BLVD(JUNE)DL

Tgt Ion: 65 Resp: 74066

Ion Ratio Lower Upper

65 100

67 52.0 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036702.D

Acq: 28 Jul 2023 13:16

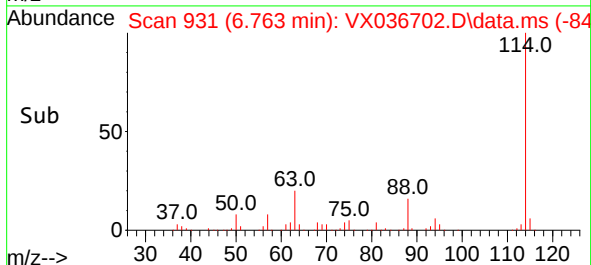
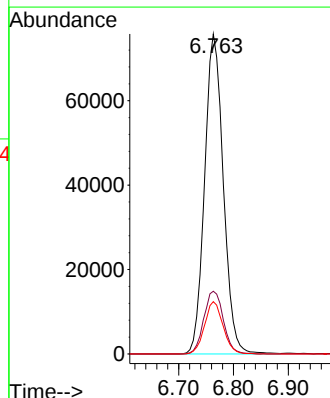
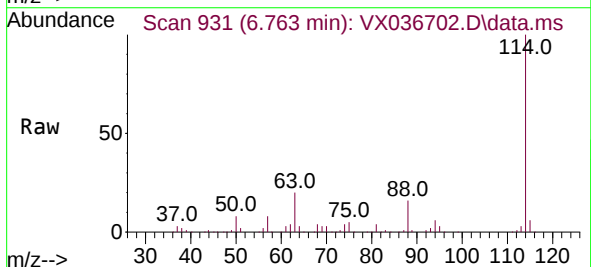
Tgt Ion: 114 Resp: 179478

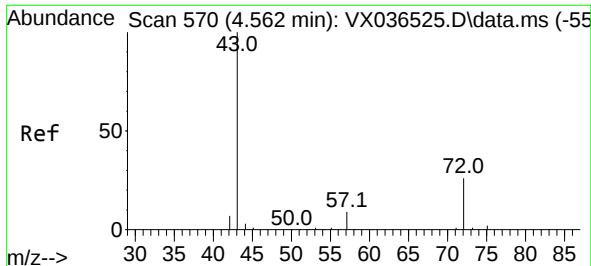
Ion Ratio Lower Upper

114 100

63 20.5 16.6 24.8

88 16.2 12.9 19.3





#30

2-Butanone

Concen: 5.418 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX036702.D

Acq: 28 Jul 2023 13:16

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)DL

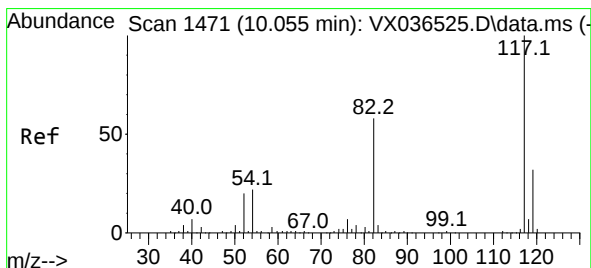
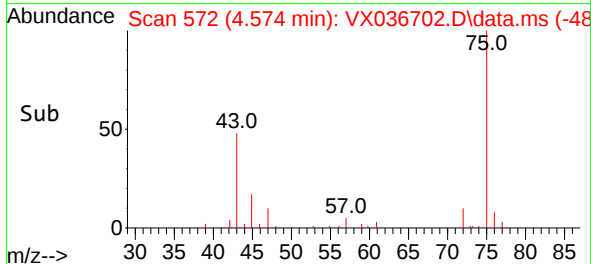
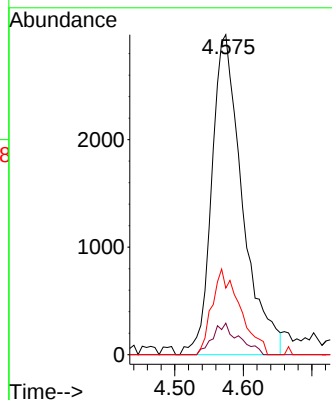
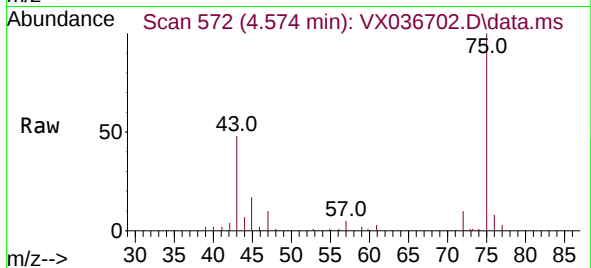
Tgt Ion: 43 Resp: 9233

Ion Ratio Lower Upper

43 100

57 6.1 6.4 9.6#

72 24.5 21.6 32.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036702.D

Acq: 28 Jul 2023 13:16

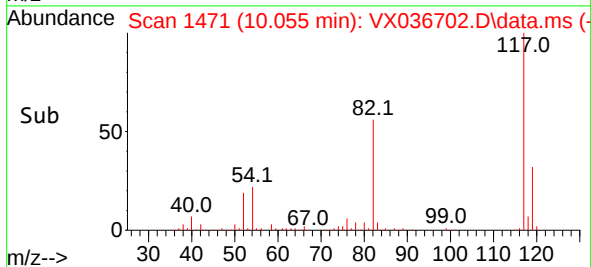
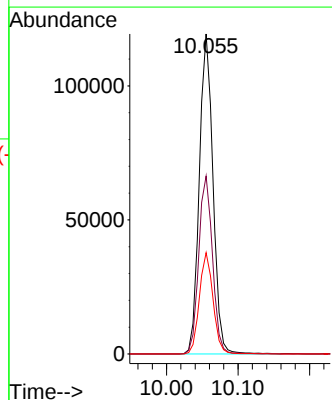
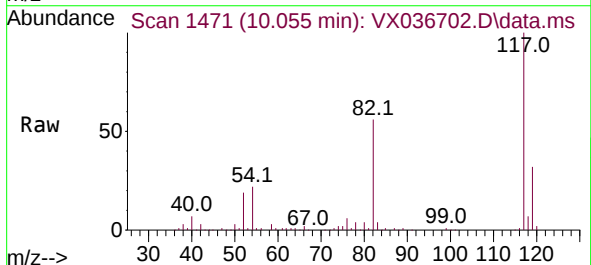
Tgt Ion: 117 Resp: 158536

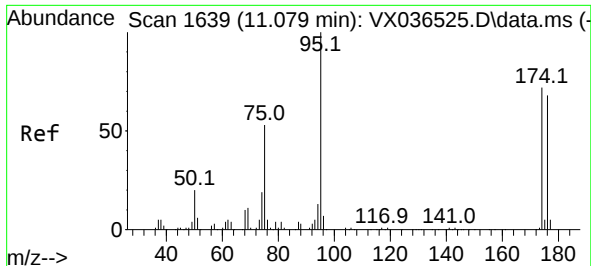
Ion Ratio Lower Upper

117 100

82 56.1 44.7 67.1

119 31.5 25.6 38.4

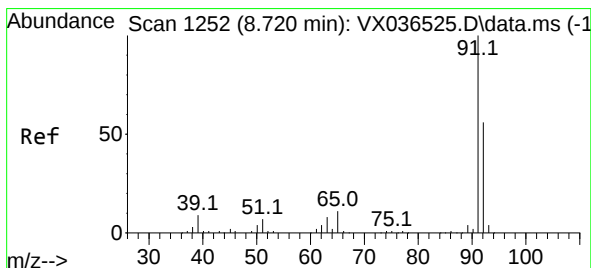
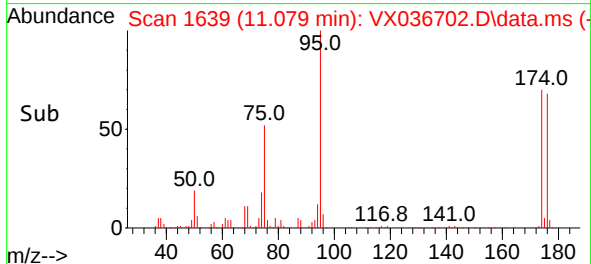
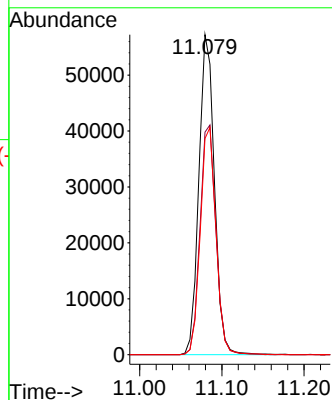
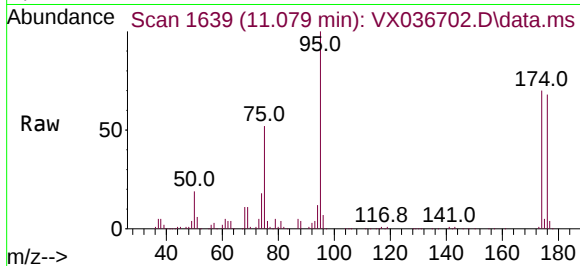




#60
4-Bromofluorobenzene
Concen: 29.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036702.D
Acq: 28 Jul 2023 13:16

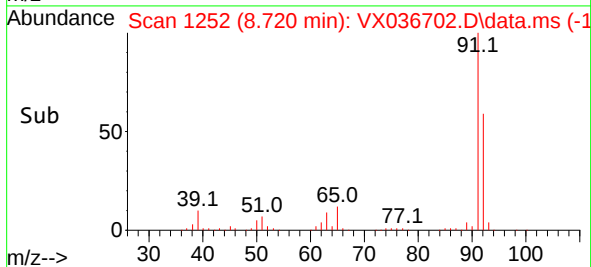
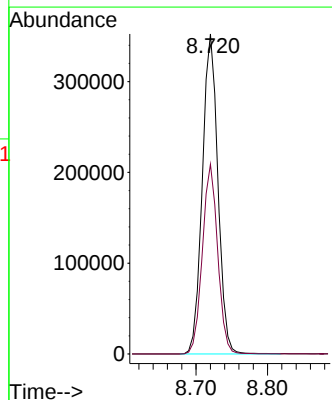
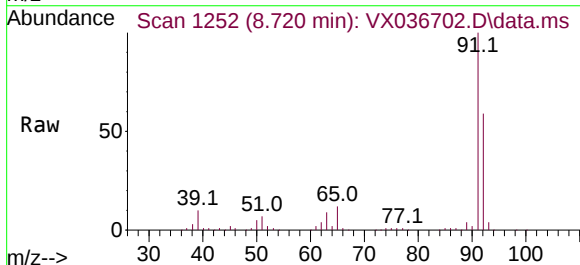
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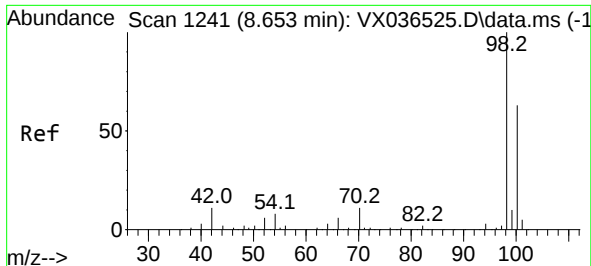
Tgt Ion: 95 Resp: 75163
Ion Ratio Lower Upper
95 100
174 73.3 60.5 90.7
176 71.6 58.2 87.4



#62
Toluene
Concen: 59.849 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036702.D
Acq: 28 Jul 2023 13:16

Tgt Ion: 91 Resp: 532364
Ion Ratio Lower Upper
91 100
92 58.3 44.9 67.3

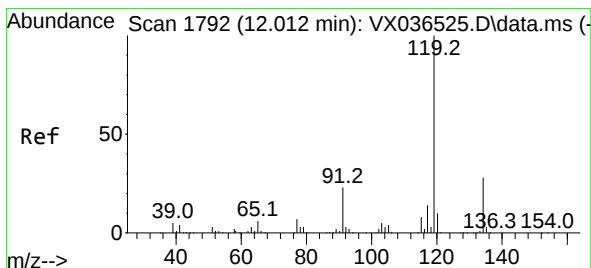
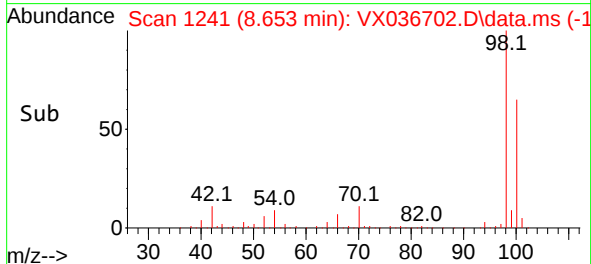
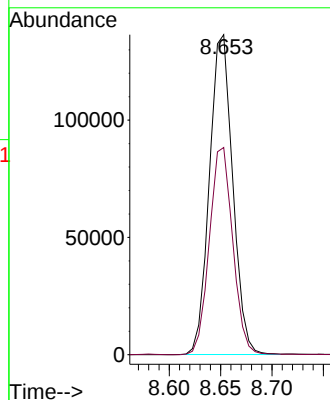
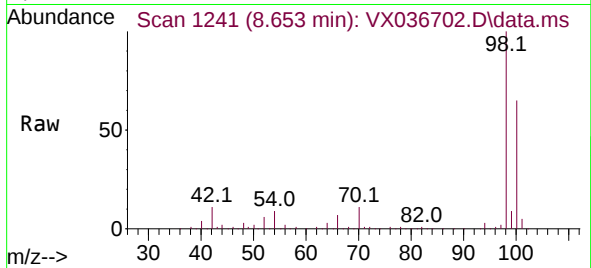




#63
Toluene-d8
Concen: 29.493 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036702.D
Acq: 28 Jul 2023 13:16

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

Tgt Ion: 98 Resp: 215154
Ion Ratio Lower Upper
98 100
100 65.2 51.6 77.4



#82
p-Isopropyltoluene
Concen: 0.413 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX036702.D
Acq: 28 Jul 2023 13:16

Tgt Ion: 119 Resp: 3283
Ion Ratio Lower Upper
119 100
134 22.7 0.0 53.2
91 25.0 0.0 49.4

