

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072823\
 Data File : VX036704.D
 Acq On : 28 Jul 2023 14:04
 Operator : JC/MD
 Sample : 03790-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 28 16:17:58 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)

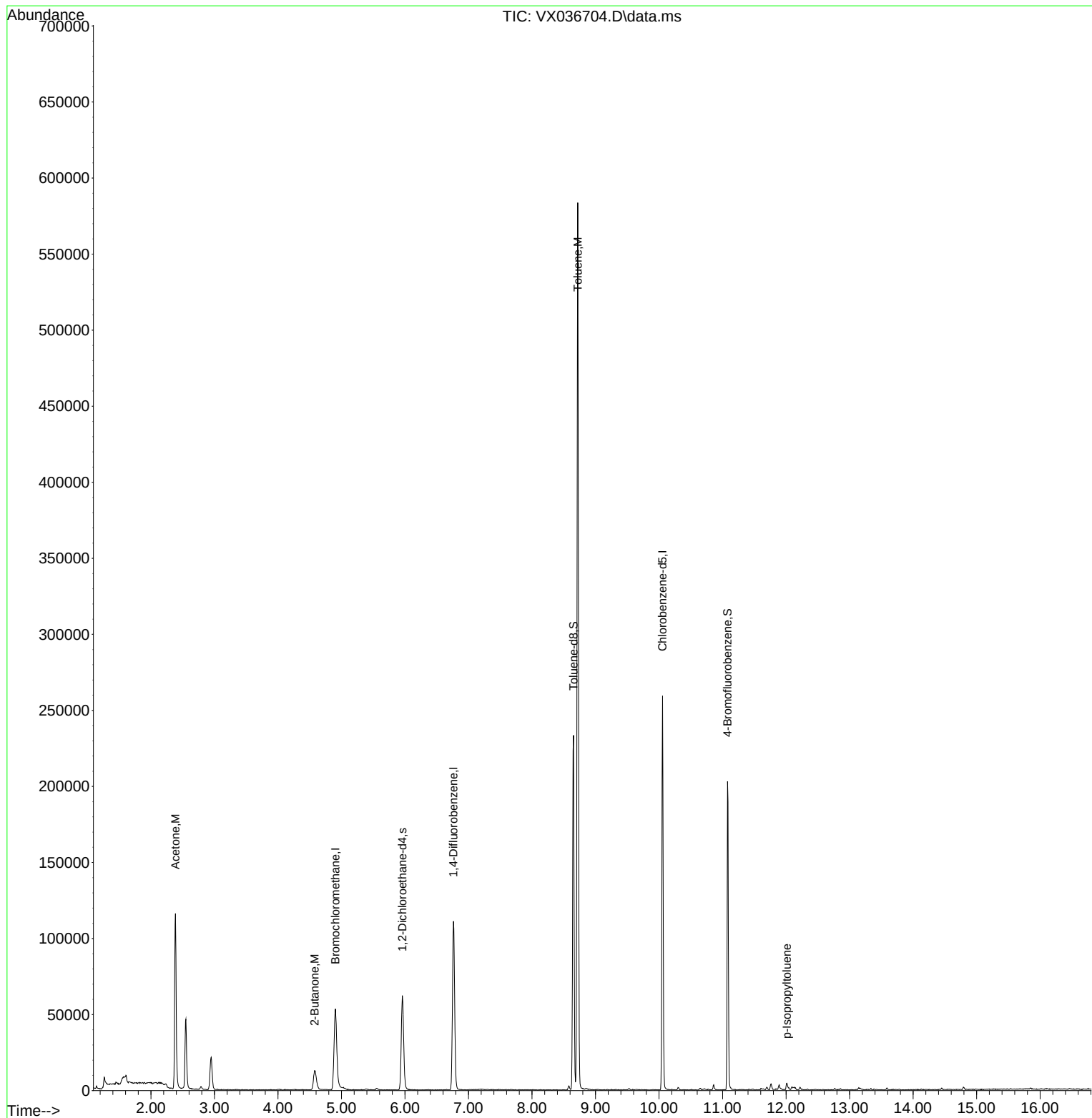
Internal Standards						
1) Bromochloromethane	4.904	128	23643	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	116253	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	113953	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	59332	30.236	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.800%	
60) 4-Bromofluorobenzene	11.079	95	55492	30.021	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.067%	
63) Toluene-d8	8.653	98	141123	26.913	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 89.700%#	
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	40133	155.503	ug/l	89
30) 2-Butanone	4.574	43	8655	7.841	ug/l	97
62) Toluene	8.720	91	370805	57.996	ug/l	97
82) p-Isopropyltoluene	12.012	119	1941	0.339	ug/l	98

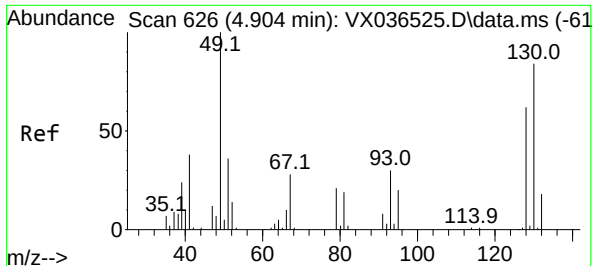
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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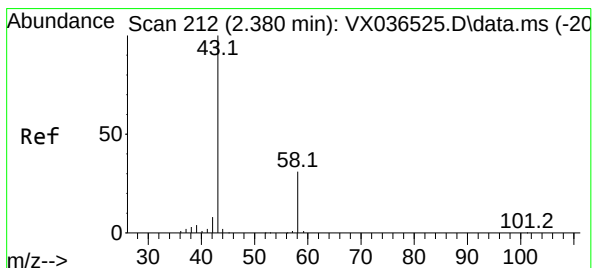
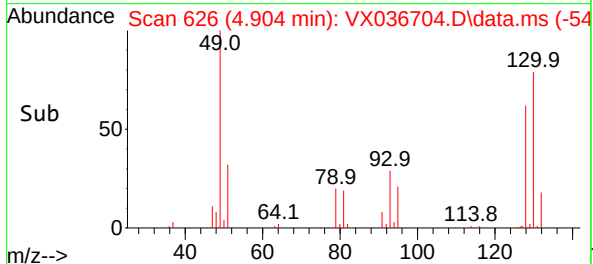
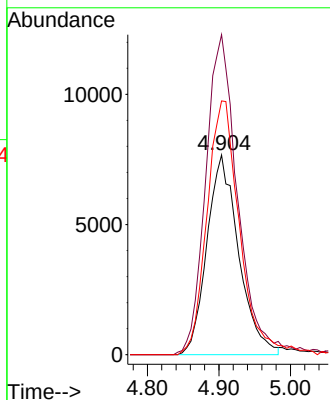
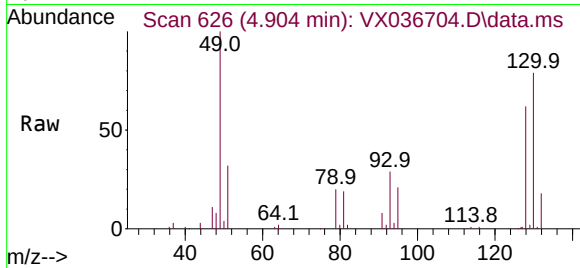




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036704.D
Acq: 28 Jul 2023 14:04

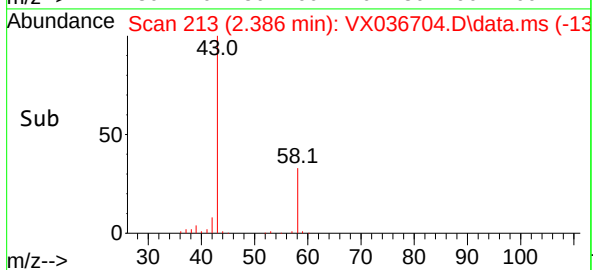
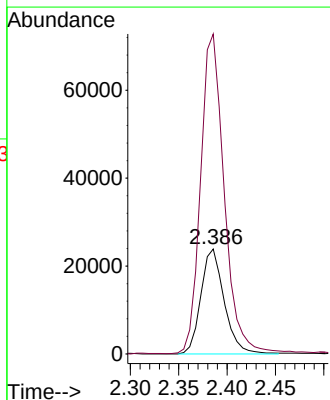
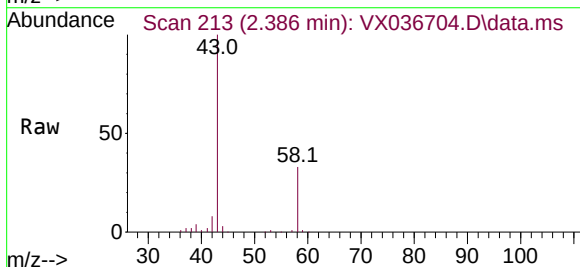
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JULY)DL

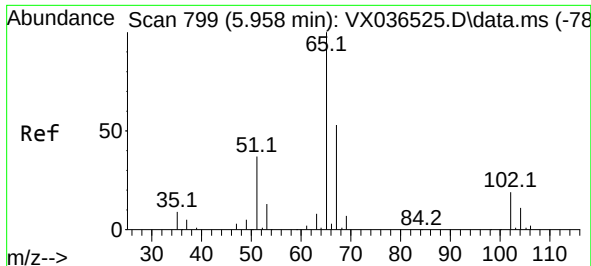
Tgt Ion:128 Resp: 23643
Ion Ratio Lower Upper
128 100
49 159.8 0.0 406.3
130 129.4 0.0 328.0



#15
Acetone
Concen: 155.503 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX036704.D
Acq: 28 Jul 2023 14:04

Tgt Ion: 58 Resp: 40133
Ion Ratio Lower Upper
58 100
43 303.9 261.0 391.4

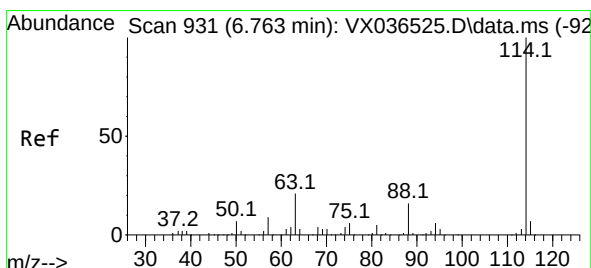
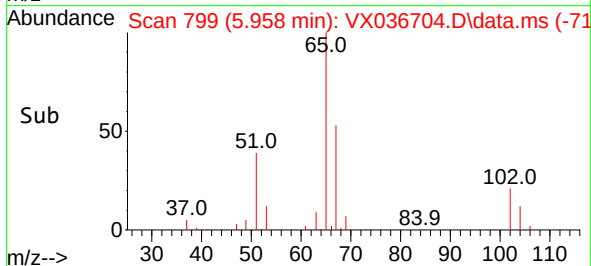
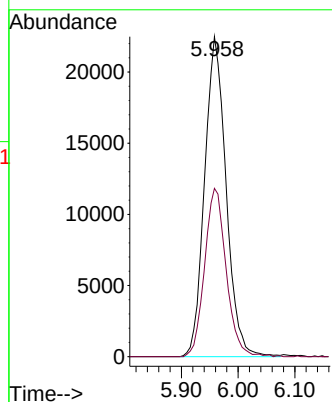
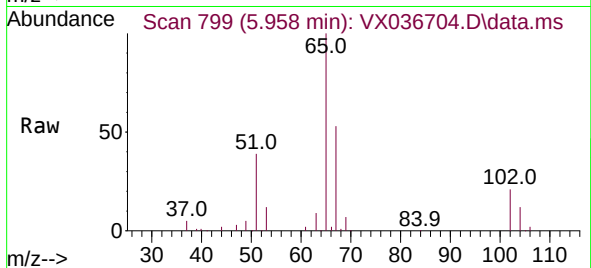




#27
 1,2-Dichloroethane-d4
 Concen: 30.236 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX036704.D
 Acq: 28 Jul 2023 14:04

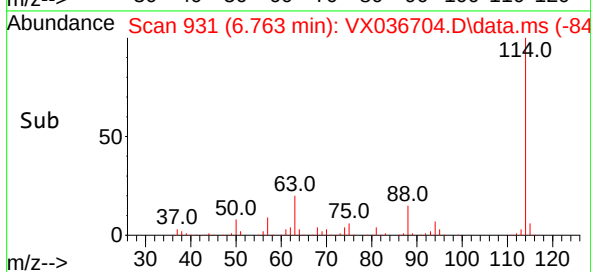
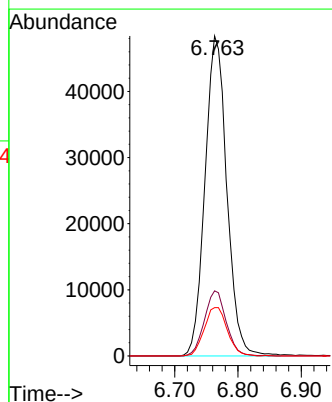
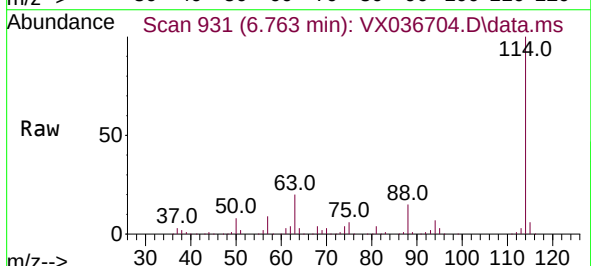
Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(JULY)DL

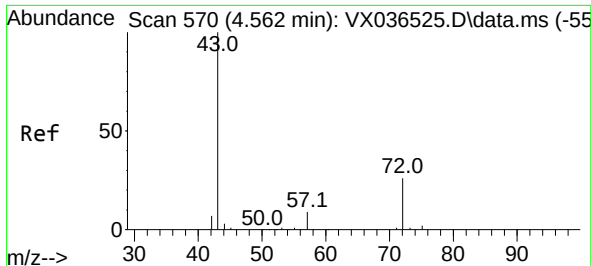
Tgt Ion: 65 Resp: 59332
 Ion Ratio Lower Upper
 65 100
 67 52.2 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036704.D
 Acq: 28 Jul 2023 14:04

Tgt Ion: 114 Resp: 116253
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.6 24.8
 88 16.0 12.9 19.3

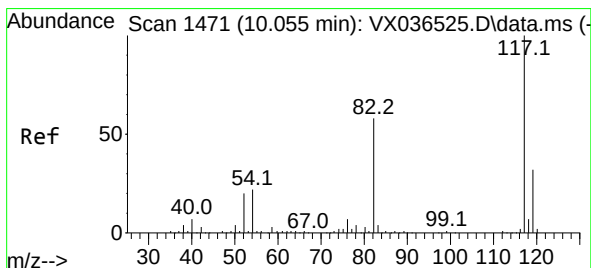
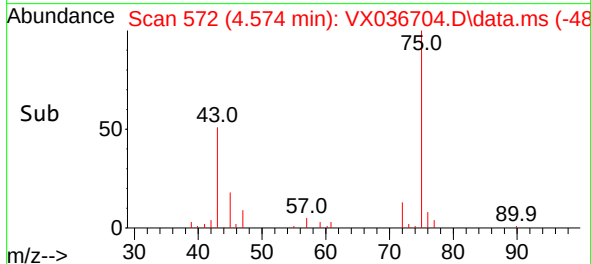
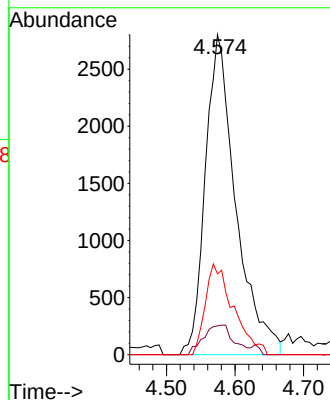
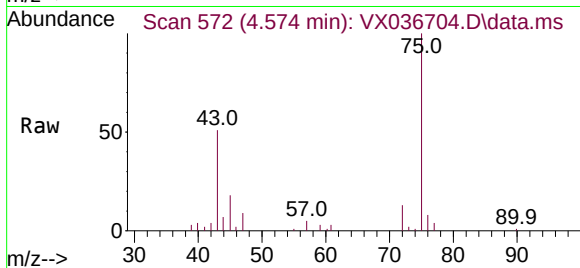




#30
2-Butanone
Concen: 7.841 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036704.D
Acq: 28 Jul 2023 14:04

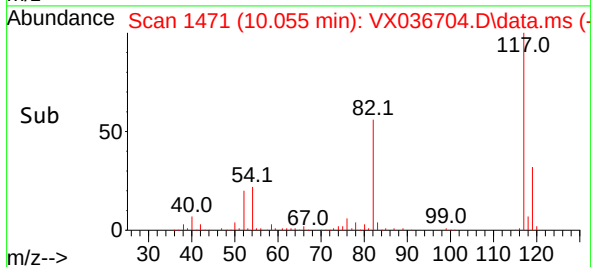
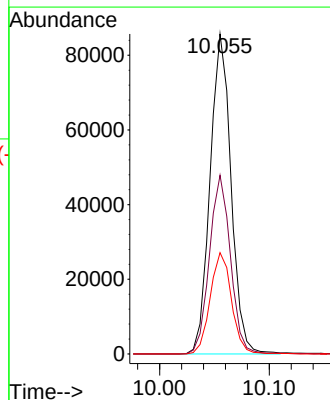
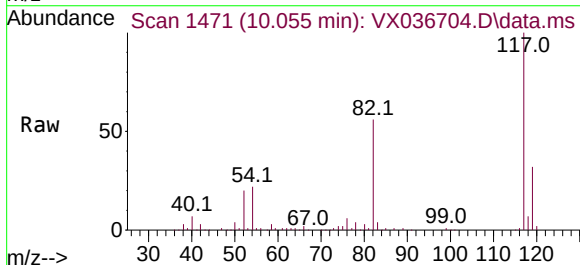
Instrument :
MSVOA_X
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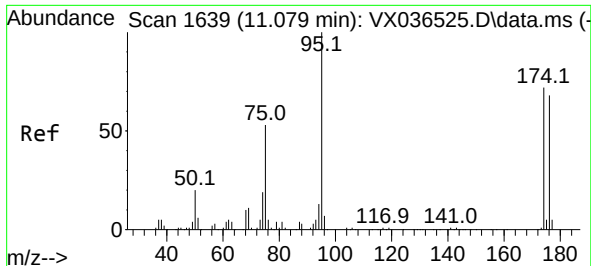
Tgt Ion: 43 Resp: 8655
Ion Ratio Lower Upper
43 100
57 9.3 6.4 9.6
72 25.5 21.6 32.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036704.D
Acq: 28 Jul 2023 14:04

Tgt Ion: 117 Resp: 113953
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 32.1 25.6 38.4

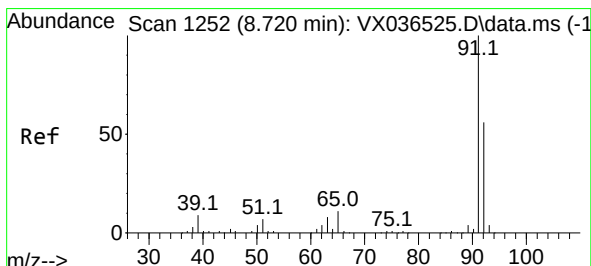
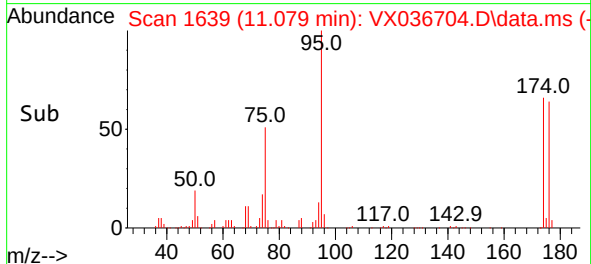
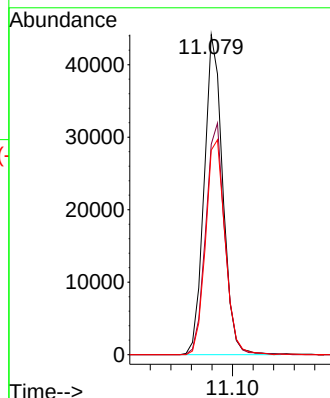
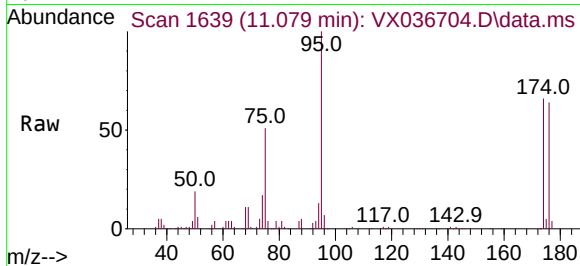




#60
4-Bromofluorobenzene
Concen: 30.021 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036704.D
Acq: 28 Jul 2023 14:04

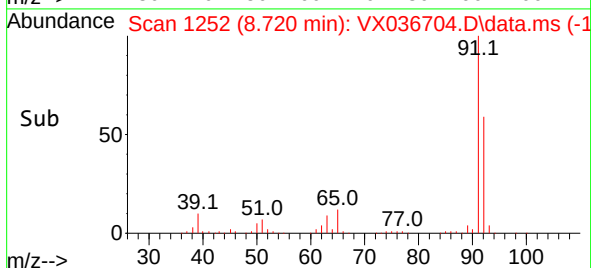
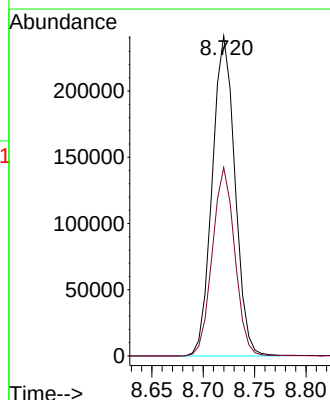
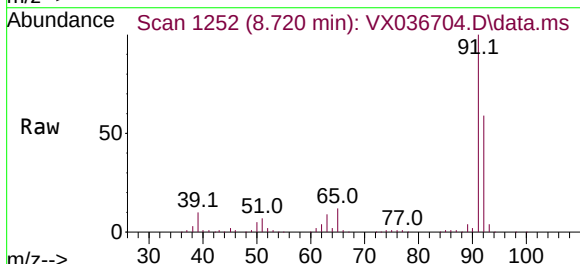
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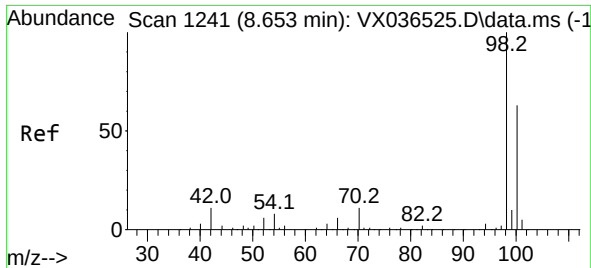
Tgt Ion: 95 Resp: 55492
Ion Ratio Lower Upper
95 100
174 73.9 60.5 90.7
176 70.5 58.2 87.4



#62
Toluene
Concen: 57.996 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036704.D
Acq: 28 Jul 2023 14:04

Tgt Ion: 91 Resp: 370805
Ion Ratio Lower Upper
91 100
92 58.2 44.9 67.3

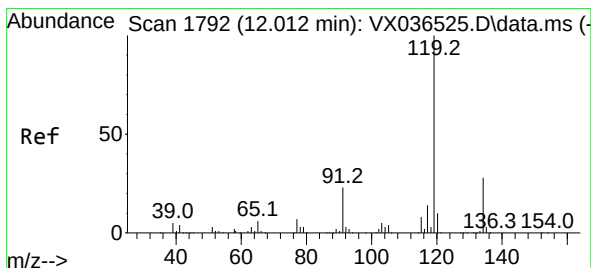
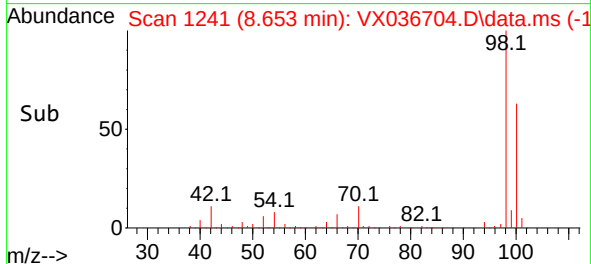
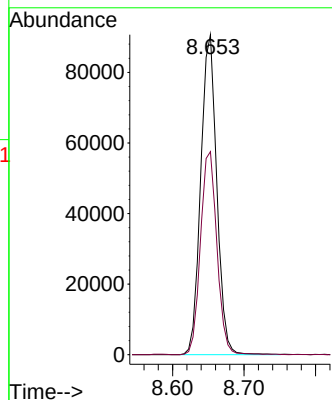
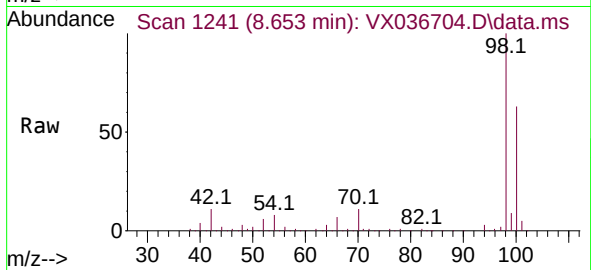




#63
Toluene-d8
Concen: 26.913 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036704.D
Acq: 28 Jul 2023 14:04

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

Tgt Ion: 98 Resp: 141123
Ion Ratio Lower Upper
98 100
100 65.0 51.6 77.4



#82
p-Isopropyltoluene
Concen: 0.339 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX036704.D
Acq: 28 Jul 2023 14:04

Tgt Ion: 119 Resp: 1941
Ion Ratio Lower Upper
119 100
134 27.1 0.0 53.2
91 26.4 0.0 49.4

