

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
 Data File : VX042873.D
 Acq On : 06 Aug 2024 15:56
 Operator : JC/MD
 Sample : P3446-03DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 07 05:00:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 2024
 Response via : Initial Calibration

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

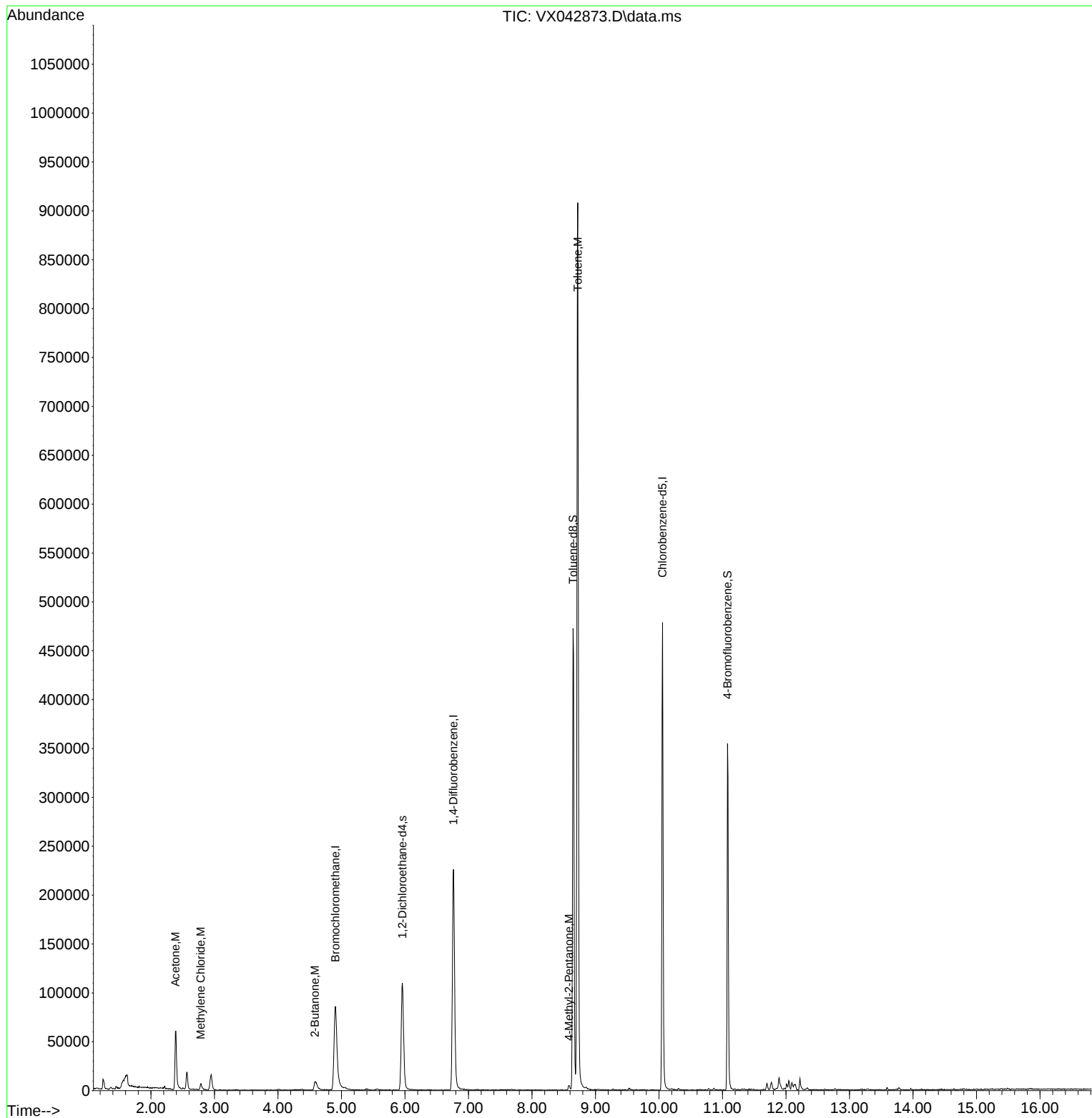
Internal Standards						
1) Bromochloromethane	4.904	128	42358	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	234797	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	215009	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	109098	27.892	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.967%
60) 4-Bromofluorobenzene	11.079	95	96761	27.585	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.933%
63) Toluene-d8	8.647	98	290269	29.888	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.633%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	21477	39.329	ug/l	90
18) Methylene Chloride	2.782	84	3312	1.127	ug/l	96
30) 2-Butanone	4.581	43	13375	6.002	ug/l #	86
58) 4-Methyl-2-Pentanone	8.580	43	3649	0.901	ug/l	94
62) Toluene	8.720	91	619687	58.845	ug/l	100

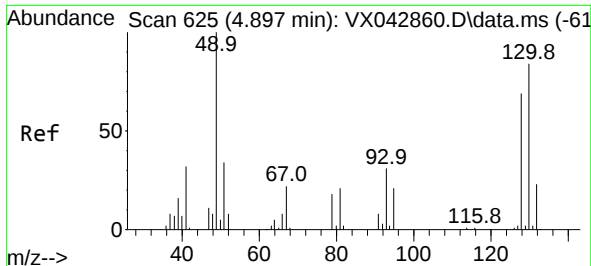
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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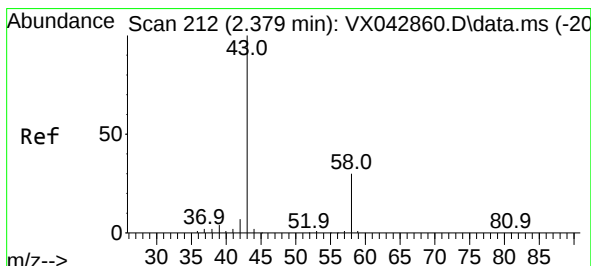
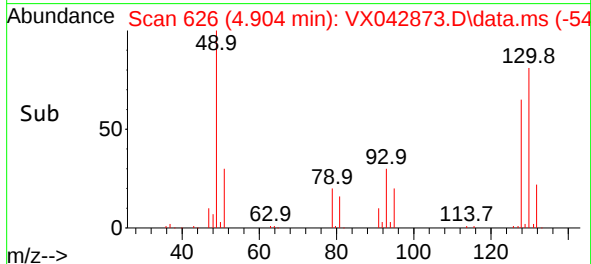
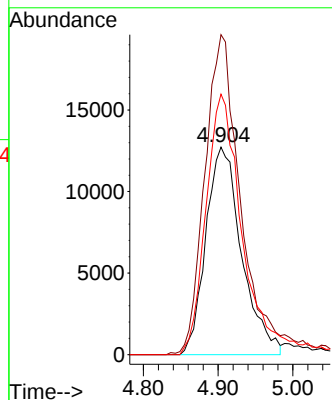
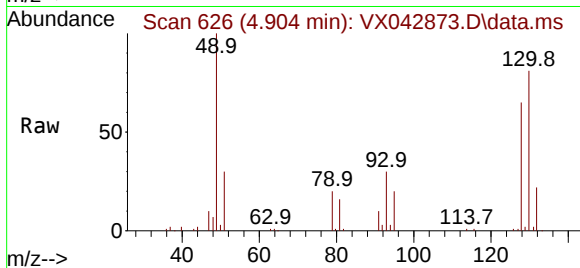




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042873.D
Acq: 06 Aug 2024 15:56

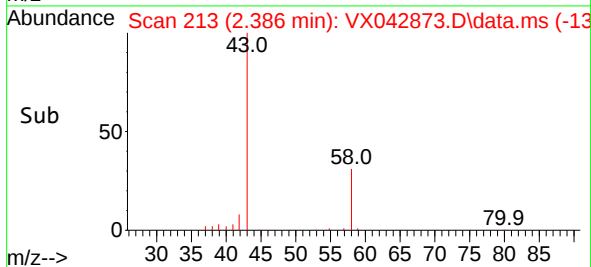
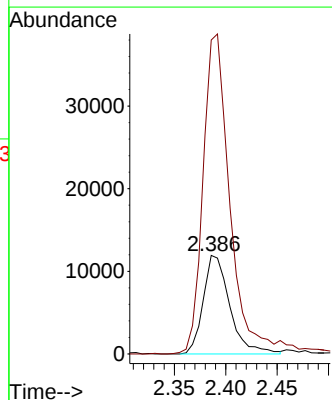
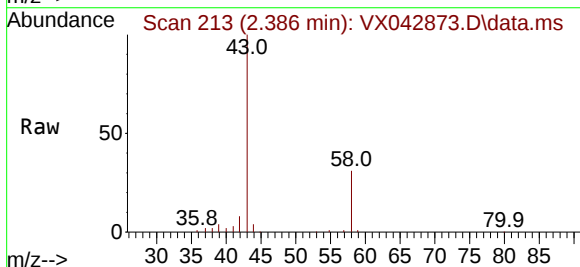
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JULY)DL

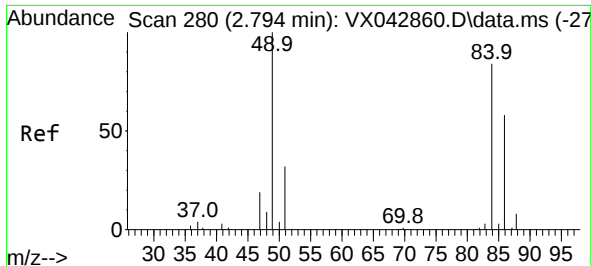
Tgt Ion	Ratio	Lower	Upper
128	100		
49	154.9	0.0	400.5
130	126.8	0.0	333.0



#15
Acetone
Concen: 39.329 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.007 min
Lab File: VX042873.D
Acq: 06 Aug 2024 15:56

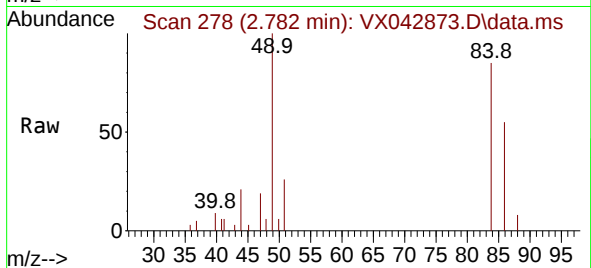
Tgt Ion	Ratio	Lower	Upper
58	100		
43	316.9	269.9	404.9



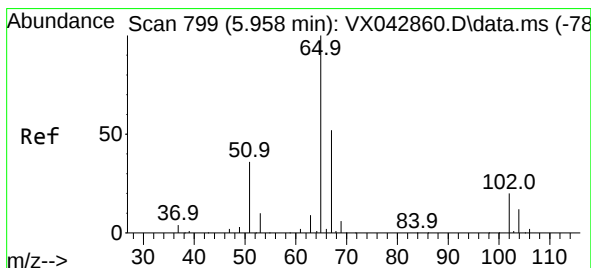
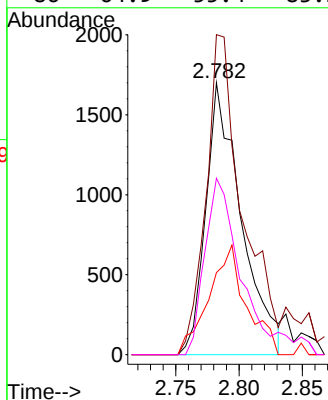
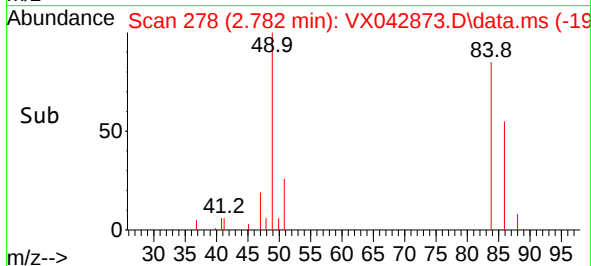


#18
Methylene Chloride
Concen: 1.127 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX042873.D
Acq: 06 Aug 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :
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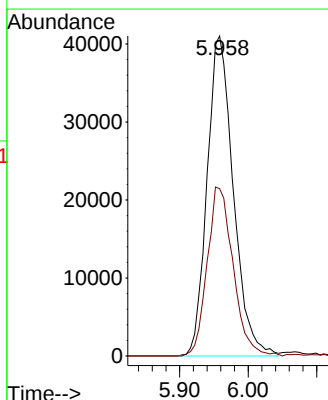
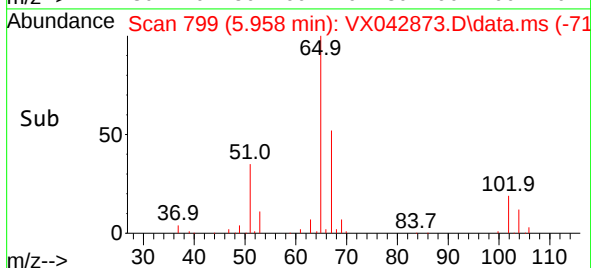
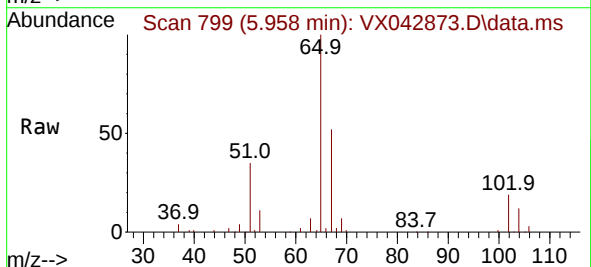


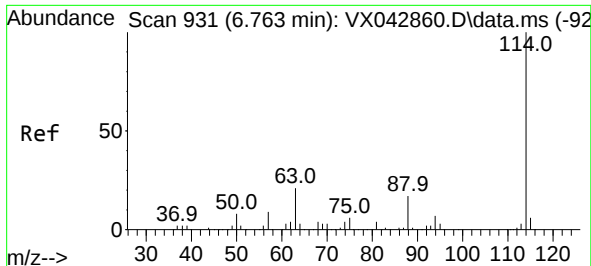
Tgt Ion: 84	Resp: 3312
Ion Ratio	Lower Upper
84 100	
49 117.7	95.0 142.6
51 30.2	30.1 45.1
86 64.9	55.4 83.2



#27
1,2-Dichloroethane-d4
Concen: 27.892 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.001 min
Lab File: VX042873.D
Acq: 06 Aug 2024 15:56

Tgt Ion: 65	Resp: 109098
Ion Ratio	Lower Upper
65 100	
67 52.1	40.6 60.8

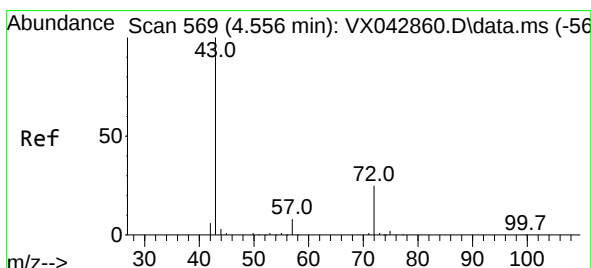
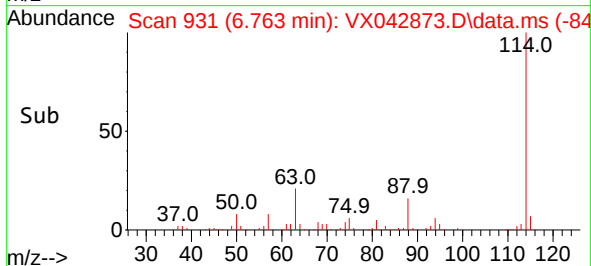
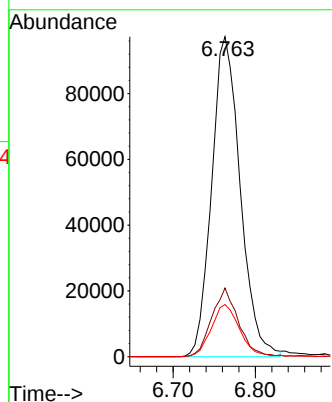
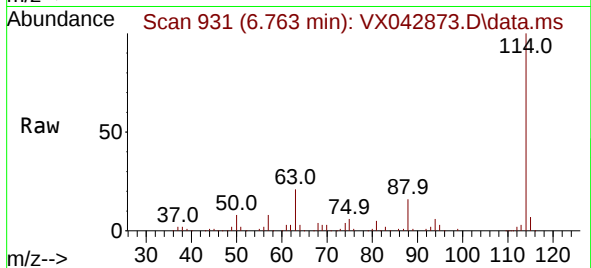




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX042873.D
Acq: 06 Aug 2024 15:56

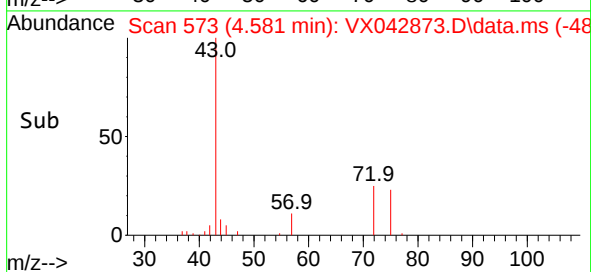
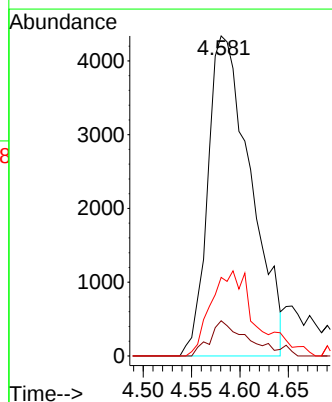
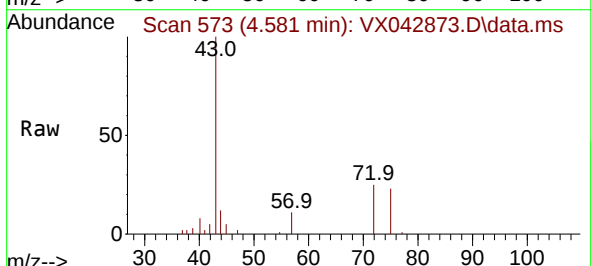
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JULY)DL

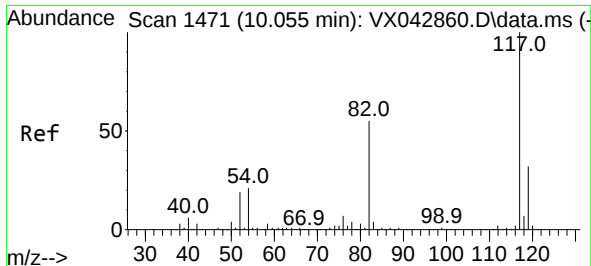
Tgt Ion:114 Resp: 234797
Ion Ratio Lower Upper
114 100
63 20.1 16.0 24.0
88 16.1 12.5 18.7



#30
2-Butanone
Concen: 6.002 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.025 min
Lab File: VX042873.D
Acq: 06 Aug 2024 15:56

Tgt Ion: 43 Resp: 13375
Ion Ratio Lower Upper
43 100
57 7.4 6.6 10.0
72 17.4 21.0 31.4#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VX042873.D

Acq: 06 Aug 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JULY)DL

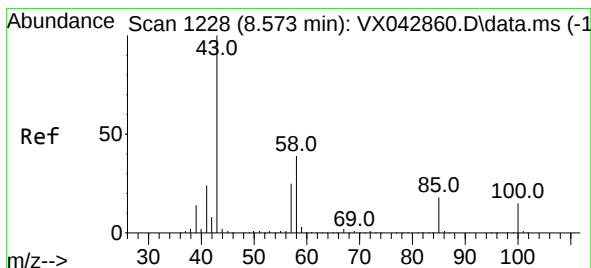
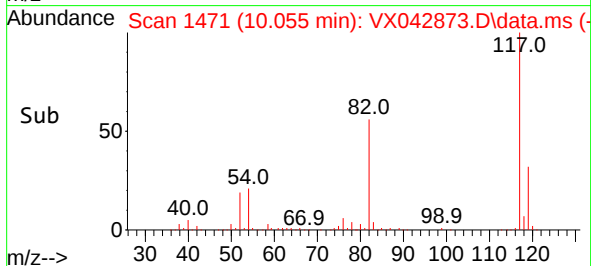
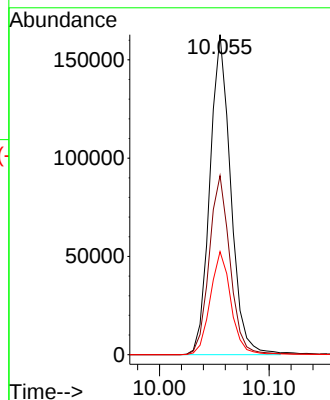
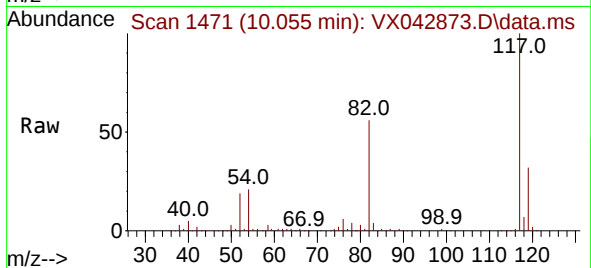
Tgt Ion:117 Resp: 215009

Ion Ratio Lower Upper

117 100

82 56.3 44.9 67.3

119 32.2 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 0.901 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.007 min

Lab File: VX042873.D

Acq: 06 Aug 2024 15:56

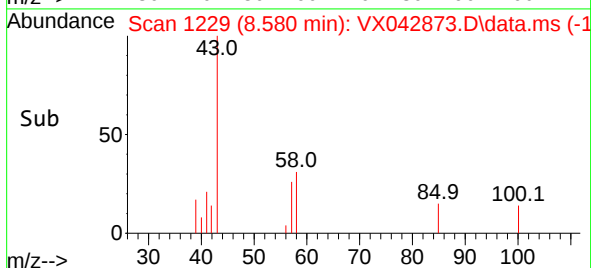
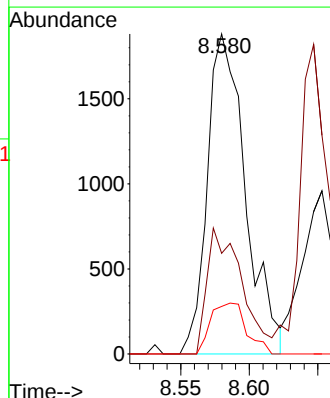
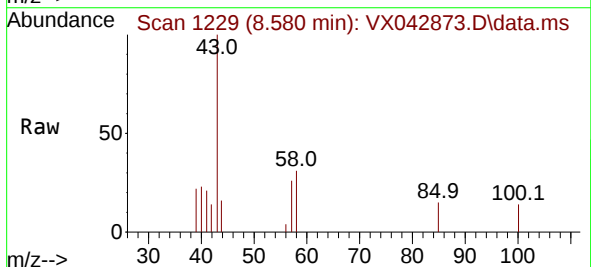
Tgt Ion: 43 Resp: 3649

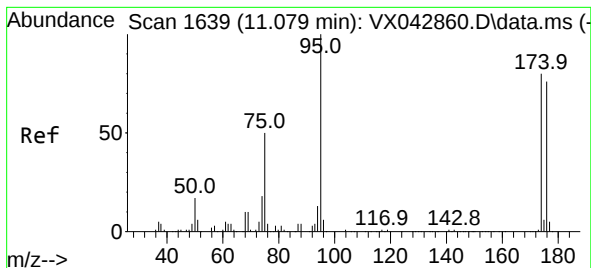
Ion Ratio Lower Upper

43 100

58 35.9 31.4 47.0

85 14.9 14.6 21.8

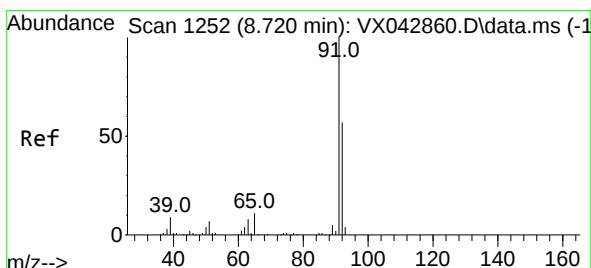
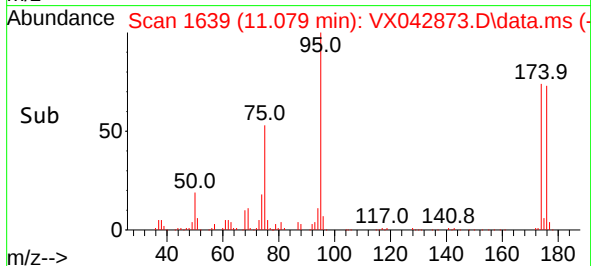
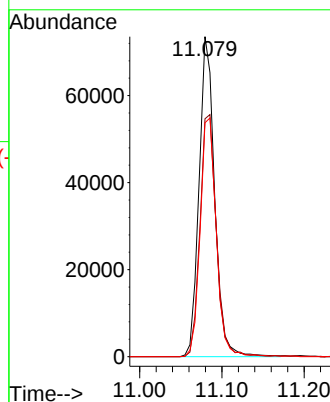
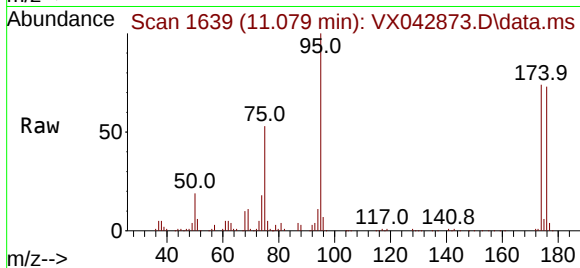




#60
4-Bromofluorobenzene
Concen: 27.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.001 min
Lab File: VX042873.D
Acq: 06 Aug 2024 15:56

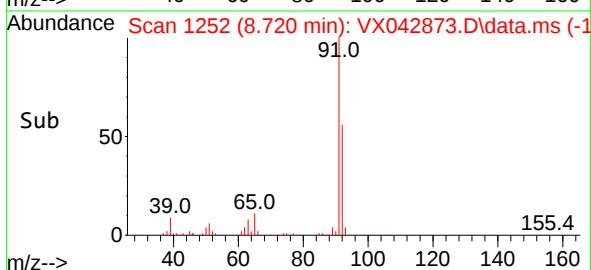
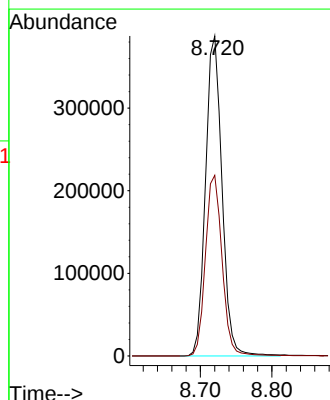
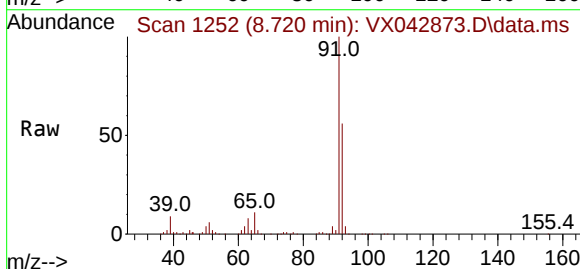
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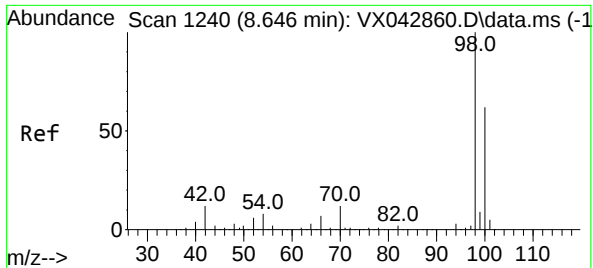
Tgt Ion: 95 Resp: 96761
Ion Ratio Lower Upper
95 100
174 78.7 65.0 97.6
176 76.7 63.4 95.0



#62
Toluene
Concen: 58.845 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.001 min
Lab File: VX042873.D
Acq: 06 Aug 2024 15:56

Tgt Ion: 91 Resp: 619687
Ion Ratio Lower Upper
91 100
92 57.1 45.7 68.5





#63
Toluene-d8
Concen: 29.888 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX042873.D
Acq: 06 Aug 2024 15:56

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

Tgt Ion: 98 Resp: 290269
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

