

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081624\
 Data File : VX043070.D
 Acq On : 16 Aug 2024 12:52
 Operator : JC/MD
 Sample : P3606-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 16 23:54:42 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)

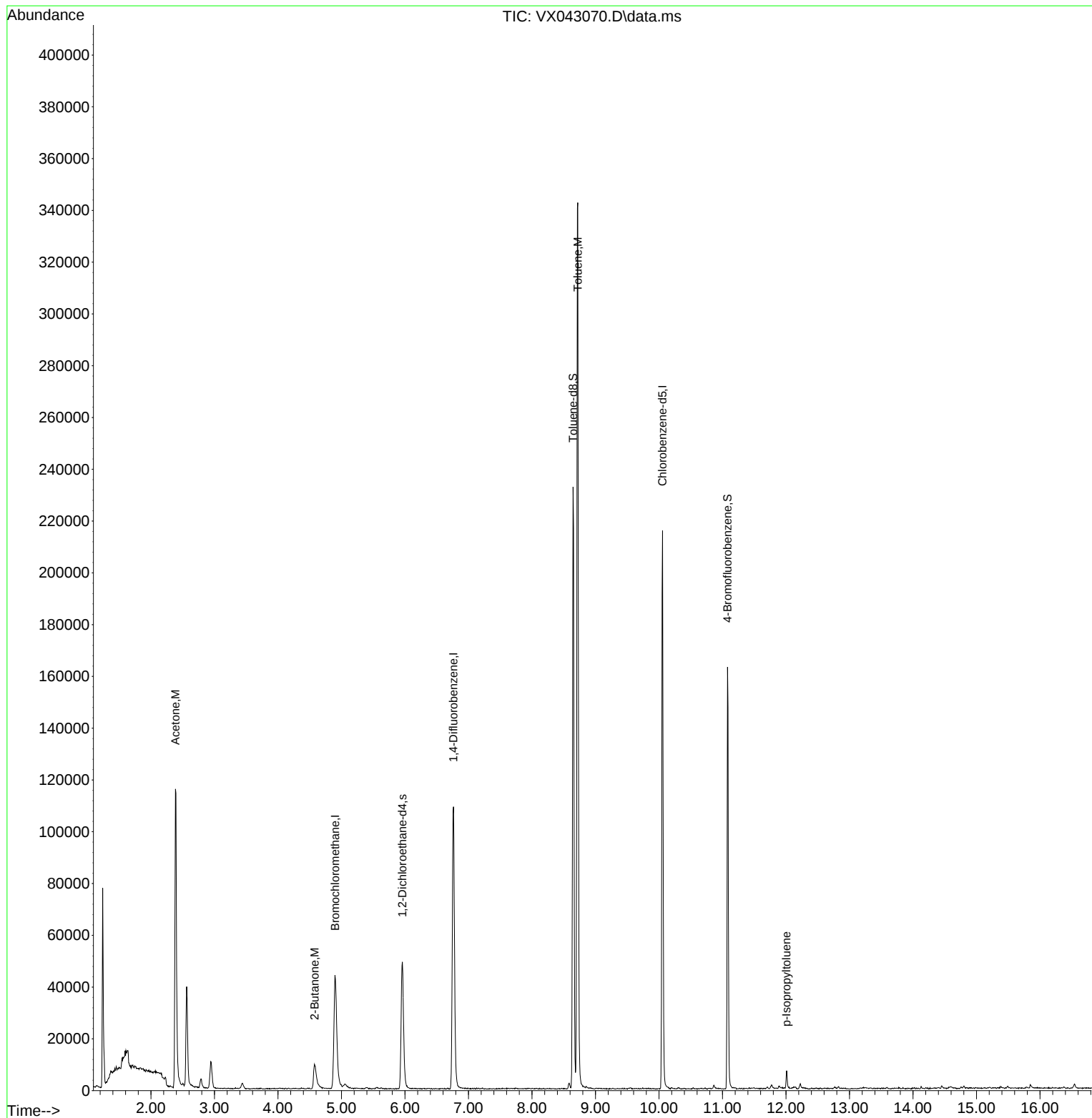
Internal Standards						
1) Bromochloromethane	4.898	128	19967	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	115974	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	100284	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	45346	28.056	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.533%
60) 4-Bromofluorobenzene	11.079	95	44783	26.305	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.700%
63) Toluene-d8	8.647	98	139512	30.284	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.933%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	42282	160.579	ug/l	87
30) 2-Butanone	4.574	43	18383	14.414	ug/l	98
62) Toluene	8.720	91	229415	40.048	ug/l	97
82) p-Isopropyltoluene	12.006	119	3472	0.700	ug/l	99

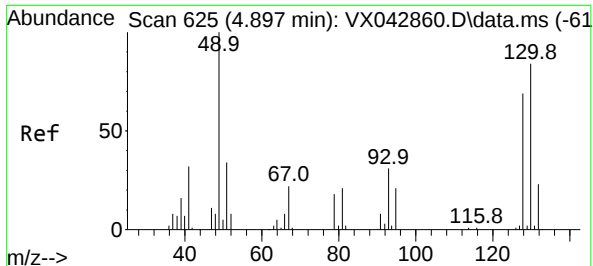
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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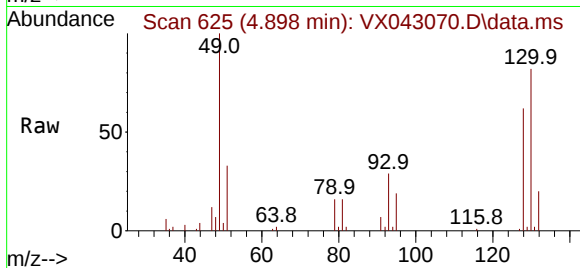
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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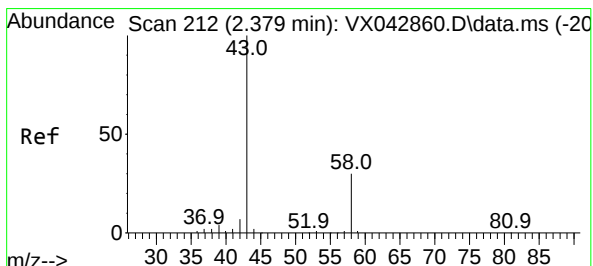
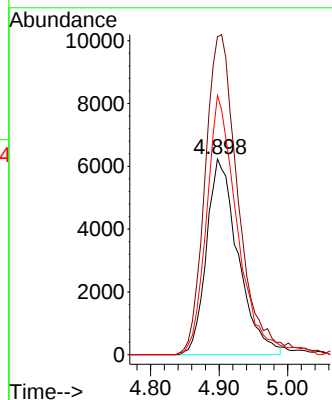
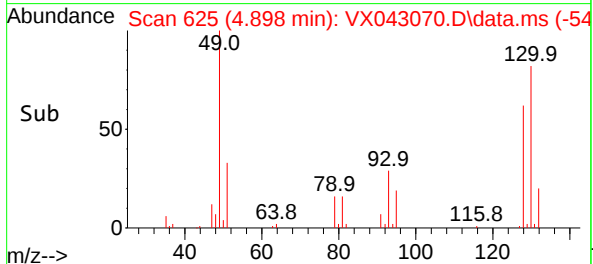


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX043070.D
Acq: 16 Aug 2024 12:52

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

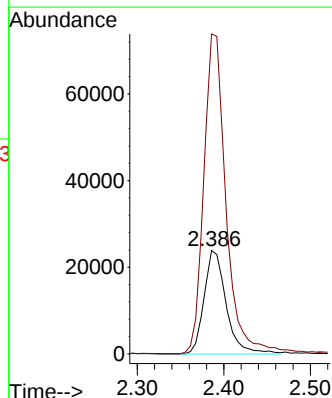
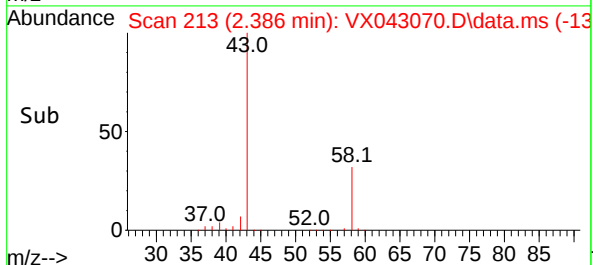
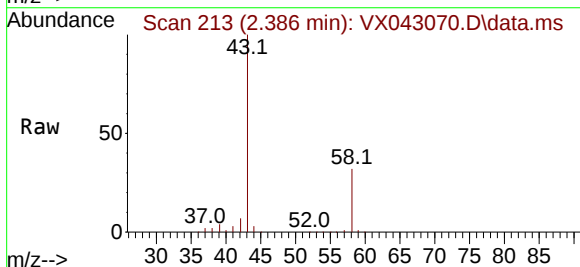


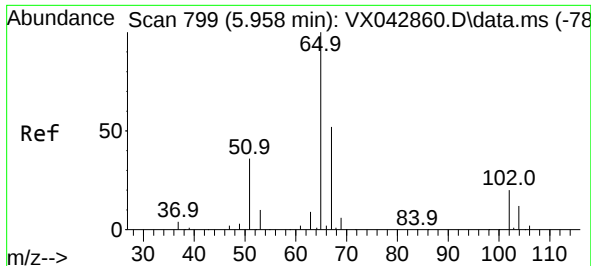
Tgt Ion:	128	Resp:	19967
Ion	Ratio	Lower	Upper
128	100		
49	171.2	0.0	400.5
130	128.4	0.0	333.0



#15
Acetone
Concen: 160.579 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX043070.D
Acq: 16 Aug 2024 12:52

Tgt Ion:	58	Resp:	42282
Ion	Ratio	Lower	Upper
58	100		
43	309.0	269.9	404.9

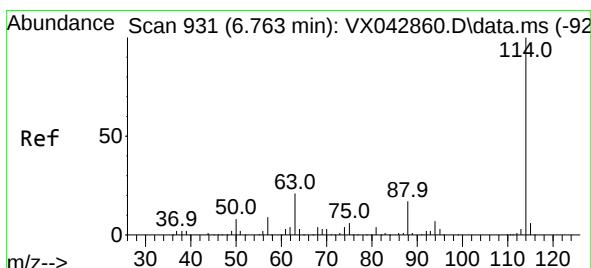
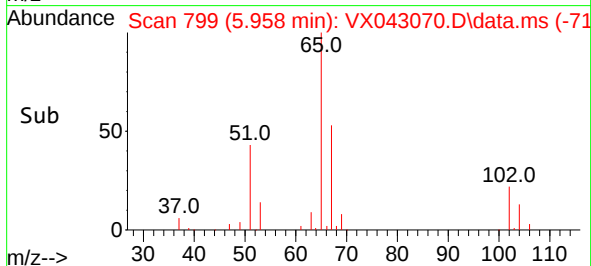
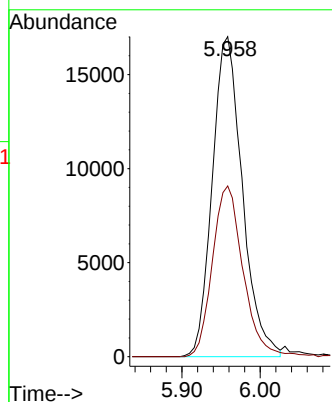
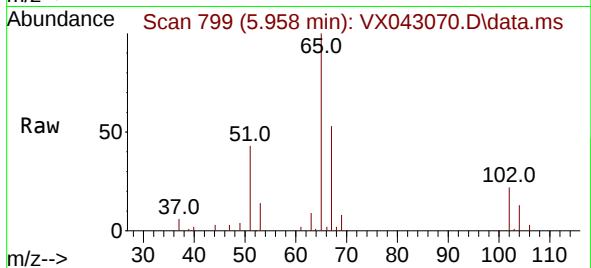




#27
 1,2-Dichloroethane-d4
 Concen: 28.056 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX043070.D
 Acq: 16 Aug 2024 12:52

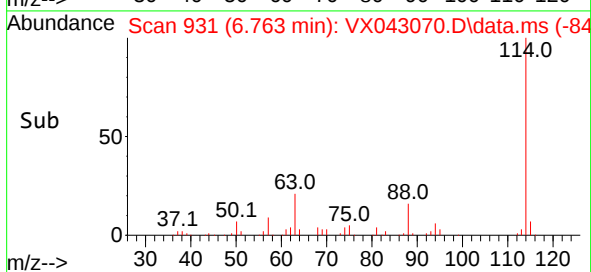
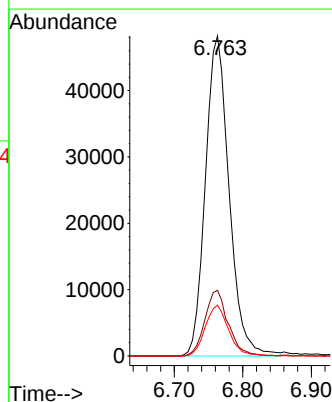
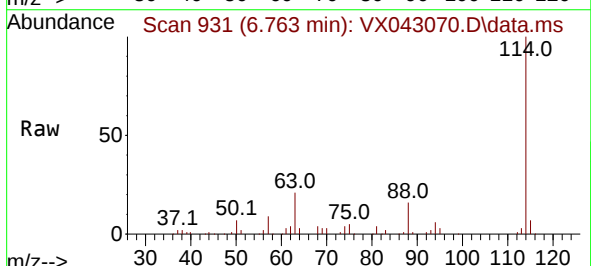
Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(AUG)DL

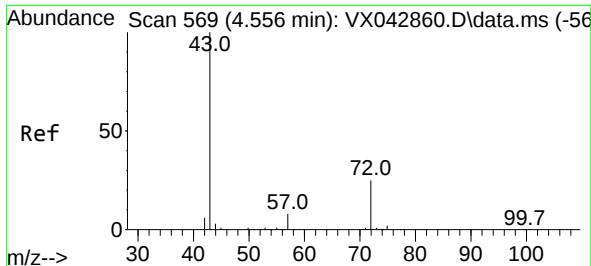
Tgt Ion: 65 Resp: 45346
 Ion Ratio Lower Upper
 65 100
 67 54.4 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043070.D
 Acq: 16 Aug 2024 12:52

Tgt Ion: 114 Resp: 115974
 Ion Ratio Lower Upper
 114 100
 63 20.1 16.0 24.0
 88 15.6 12.5 18.7

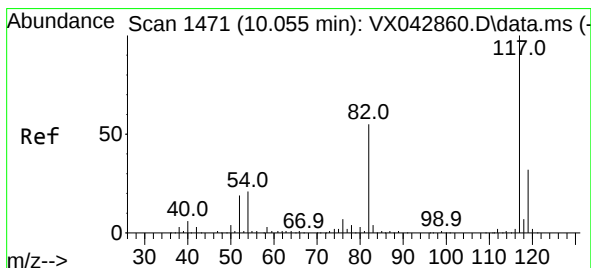
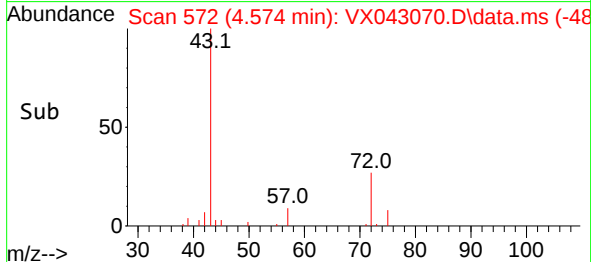
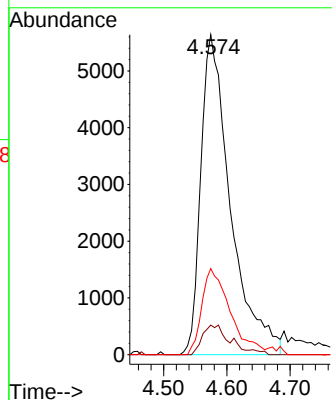
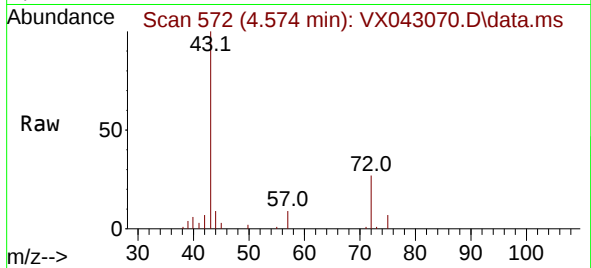




#30
2-Butanone
Concen: 14.414 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043070.D
Acq: 16 Aug 2024 12:52

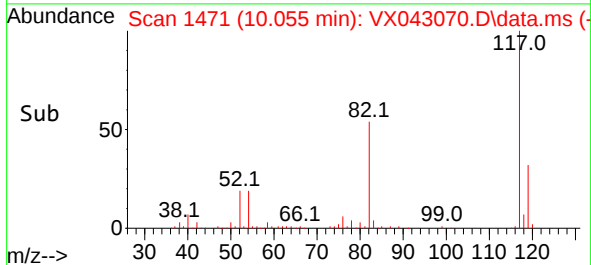
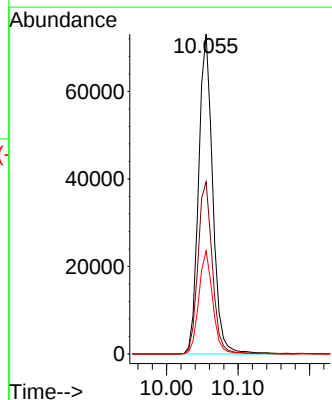
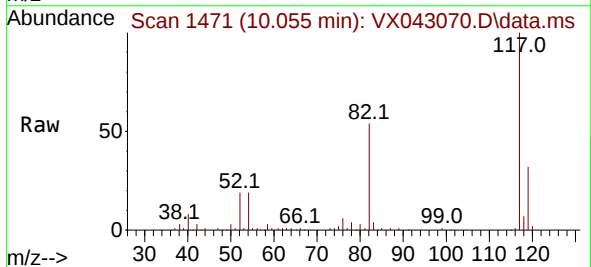
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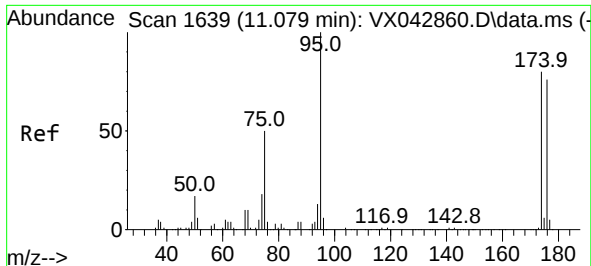
Tgt Ion: 43 Resp: 18383
Ion Ratio Lower Upper
43 100
57 6.8 6.6 10.0
72 25.7 21.0 31.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043070.D
Acq: 16 Aug 2024 12:52

Tgt Ion: 117 Resp: 100284
Ion Ratio Lower Upper
117 100
82 54.6 44.9 67.3
119 31.8 25.4 38.2

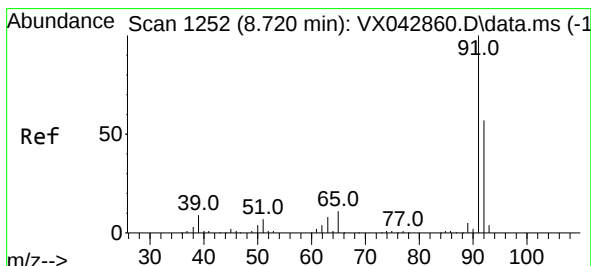
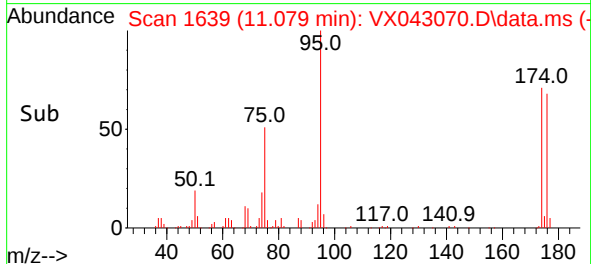
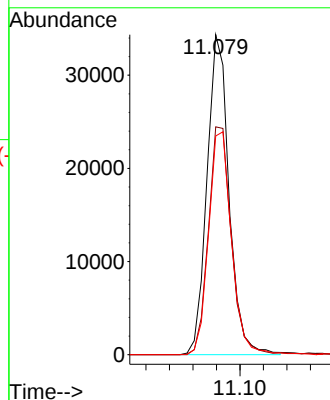
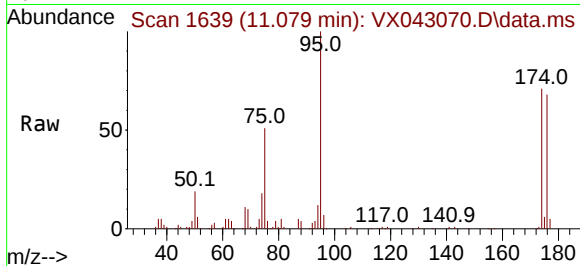




#60
4-Bromofluorobenzene
Concen: 26.305 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043070.D
Acq: 16 Aug 2024 12:52

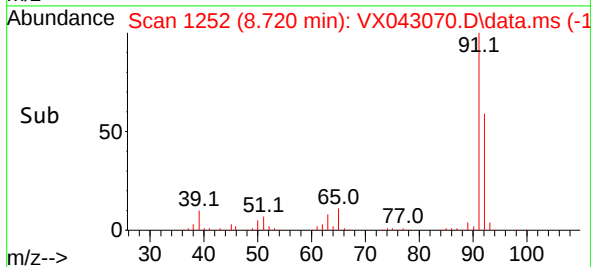
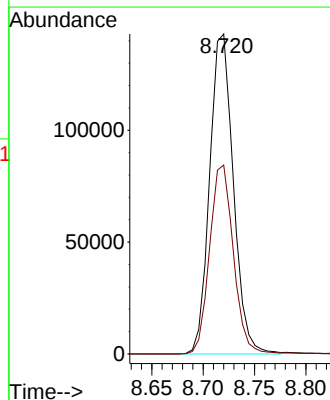
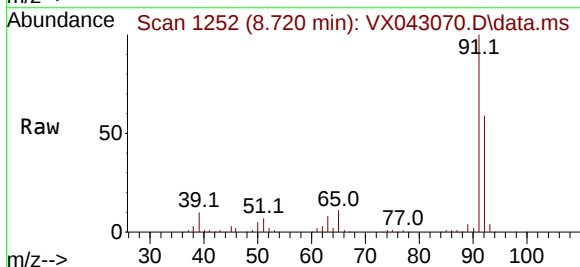
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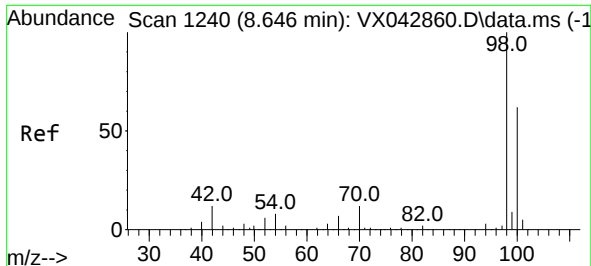
Tgt Ion: 95 Resp: 44783
Ion Ratio Lower Upper
95 100
174 74.2 65.0 97.6
176 72.0 63.4 95.0



#62
Toluene
Concen: 40.048 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX043070.D
Acq: 16 Aug 2024 12:52

Tgt Ion: 91 Resp: 229415
Ion Ratio Lower Upper
91 100
92 59.1 45.7 68.5

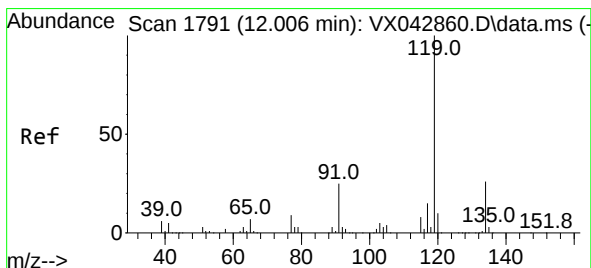
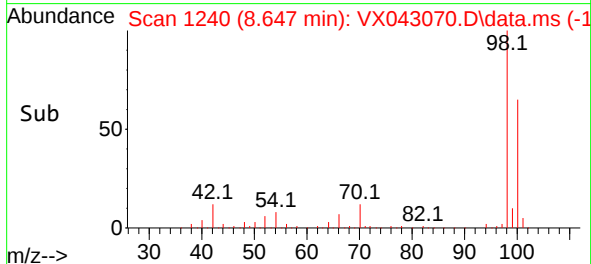
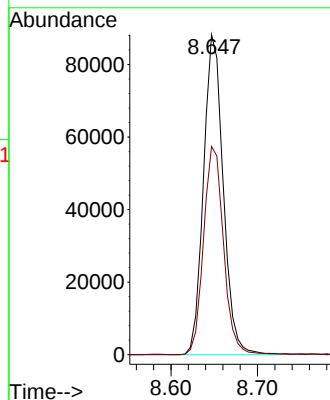
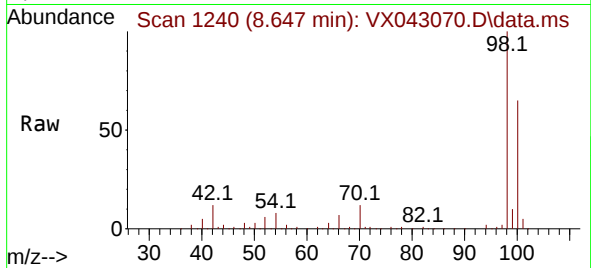




#63
Toluene-d8
Concen: 30.284 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043070.D
Acq: 16 Aug 2024 12:52

Instrument :
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ClientSampleId :
001-WILLETS-PT-BLVD(AUG)DL

Tgt Ion: 98 Resp: 139512
Ion Ratio Lower Upper
98 100
100 66.2 50.9 76.3



#82
p-Isopropyltoluene
Concen: 0.700 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX043070.D
Acq: 16 Aug 2024 12:52

Tgt Ion: 119 Resp: 3472
Ion Ratio Lower Upper
119 100
134 25.7 0.0 51.8
91 23.1 0.0 48.4

