

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081624\
 Data File : VX043065.D
 Acq On : 16 Aug 2024 10:56
 Operator : JC/MD
 Sample : P3606-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 16 23:52:46 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)

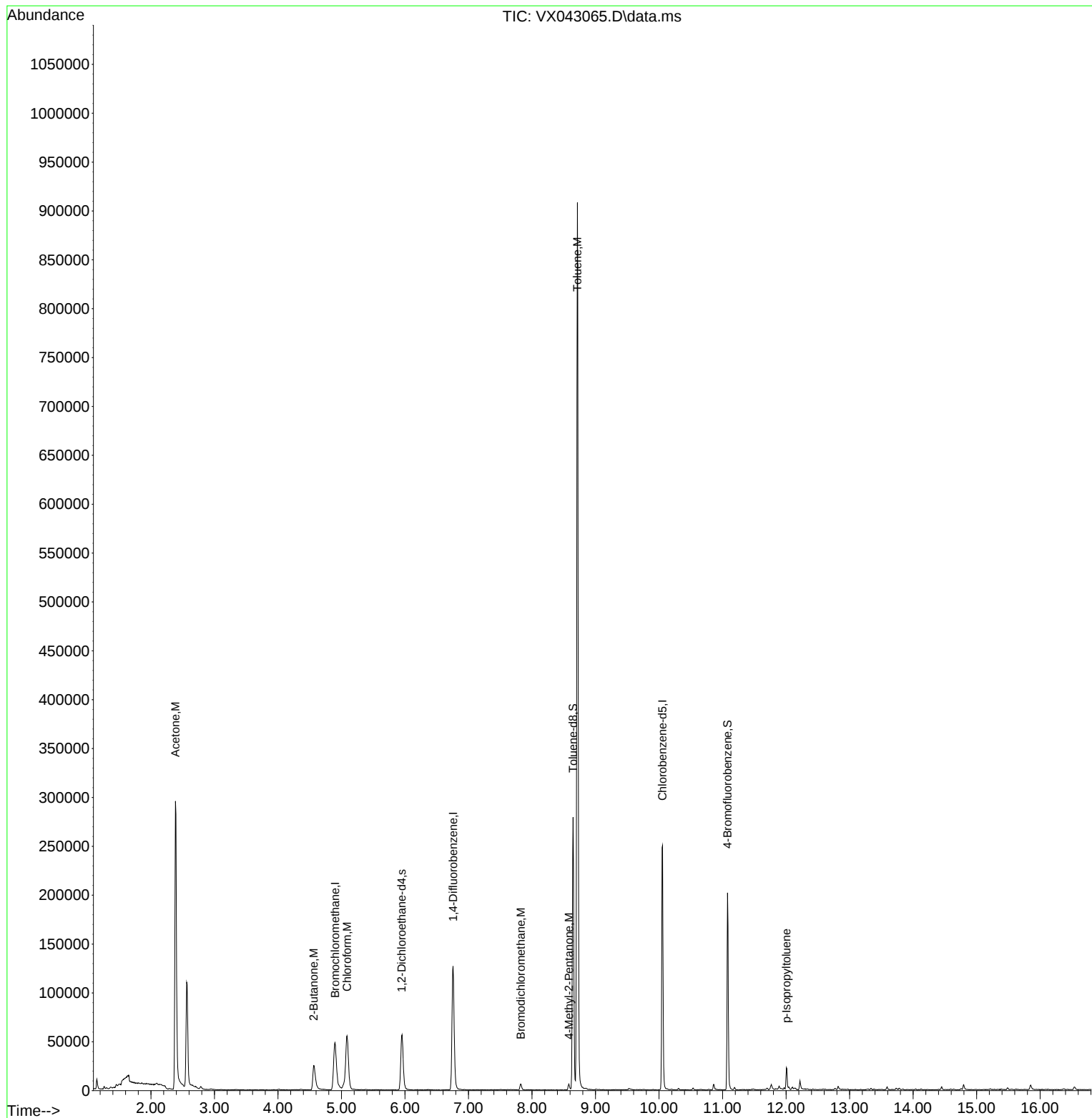
Internal Standards						
1) Bromochloromethane	4.897	128	22752	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	135362	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	119385	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	52875	28.709	ug/l	-0.01
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.700%
60) 4-Bromofluorobenzene	11.079	95	55648	27.457	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.533%
63) Toluene-d8	8.647	98	164991	30.085	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.267%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	111167	370.512	ug/l	81
25) Chloroform	5.086	83	64055	21.383	ug/l	97
30) 2-Butanone	4.562	43	48033	32.267	ug/l	99
41) Bromodichloromethane	7.824	83	4527	1.974	ug/l	99
58) 4-Methyl-2-Pentanone	8.580	43	4172	1.511	ug/l	96
62) Toluene	8.714	91	591773	86.775	ug/l	98
82) p-Isopropyltoluene	12.006	119	10418	1.764	ug/l	99

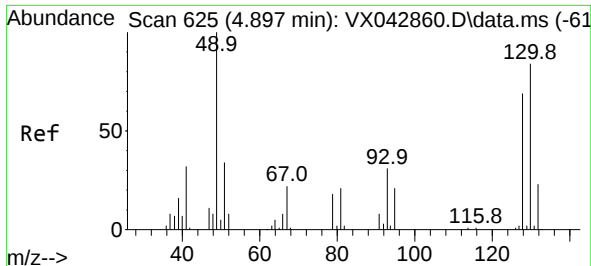
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Response via : Initial Calibration

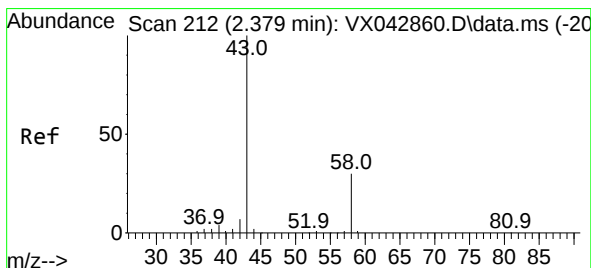
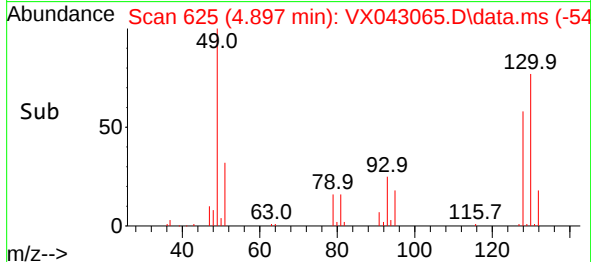
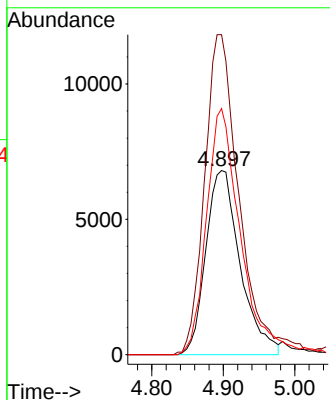
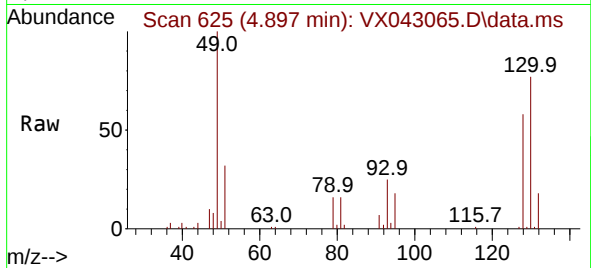




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX043065.D
Acq: 16 Aug 2024 10:56

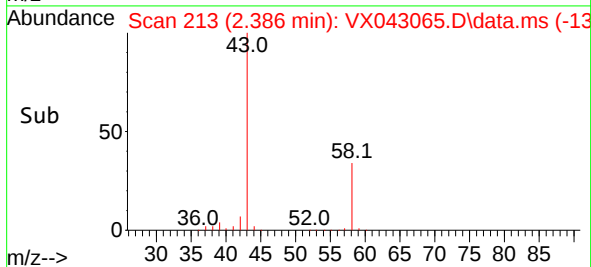
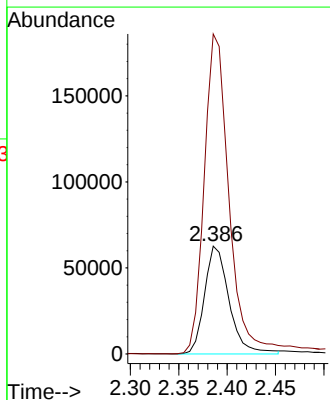
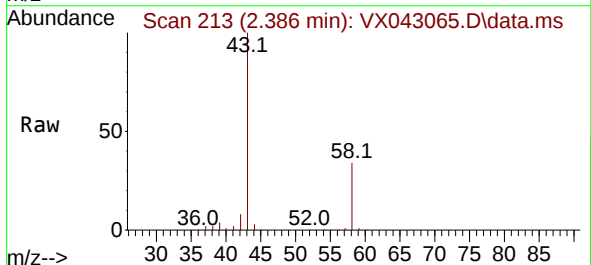
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JULY)

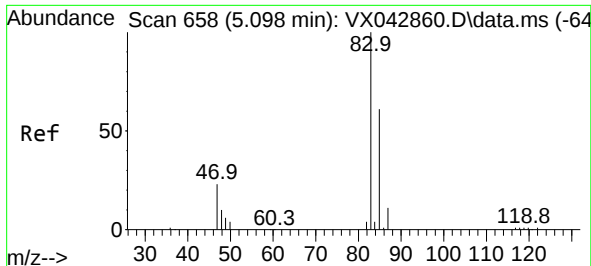
Tgt Ion:128 Resp: 22752
Ion Ratio Lower Upper
128 100
49 169.7 0.0 400.5
130 131.2 0.0 333.0



#15
Acetone
Concen: 370.512 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX043065.D
Acq: 16 Aug 2024 10:56

Tgt Ion: 58 Resp: 111167
Ion Ratio Lower Upper
58 100
43 296.3 269.9 404.9

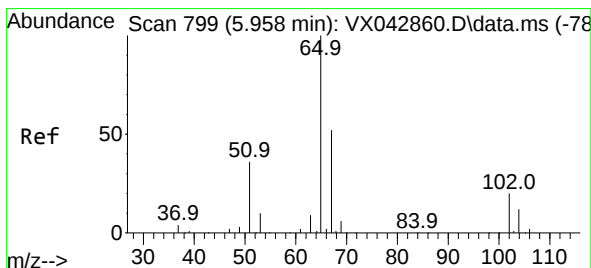
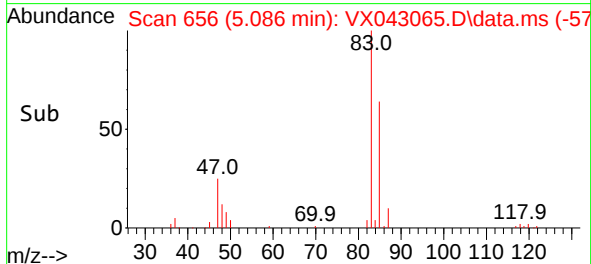
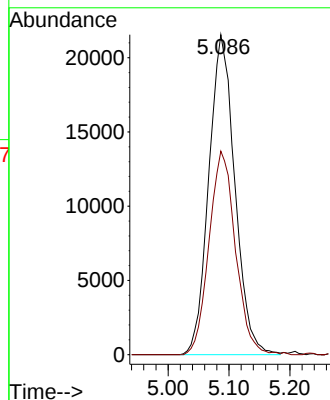
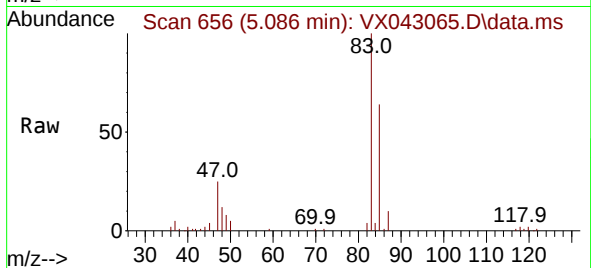




#25
Chloroform
Concen: 21.383 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX043065.D
Acq: 16 Aug 2024 10:56

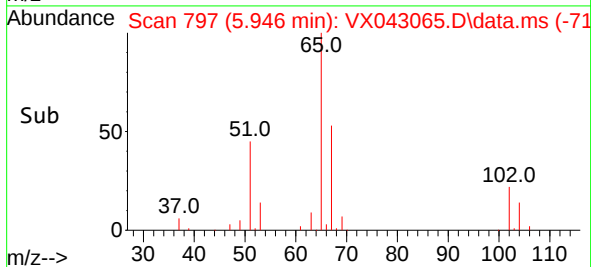
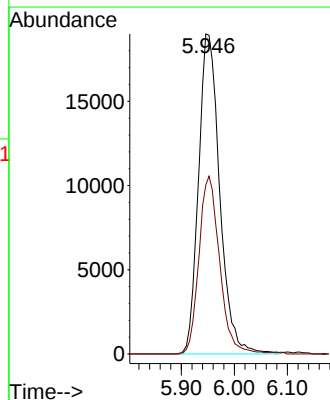
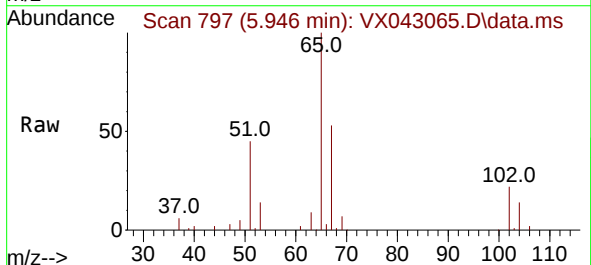
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JULY)

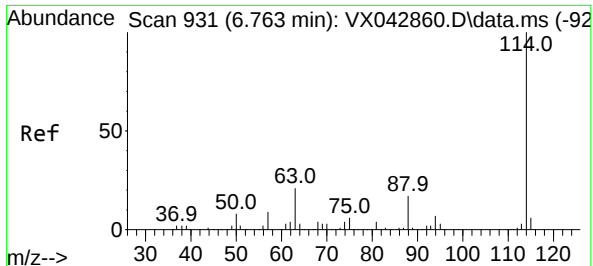
Tgt Ion: 83 Resp: 64055
Ion Ratio Lower Upper
83 100
85 63.6 49.2 73.8



#27
1,2-Dichloroethane-d4
Concen: 28.709 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.012 min
Lab File: VX043065.D
Acq: 16 Aug 2024 10:56

Tgt Ion: 65 Resp: 52875
Ion Ratio Lower Upper
65 100
67 54.0 40.6 60.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX043065.D

Acq: 16 Aug 2024 10:56

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JULY)

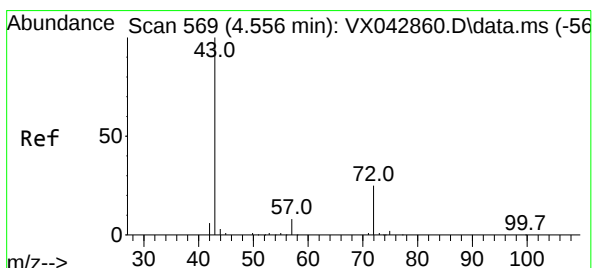
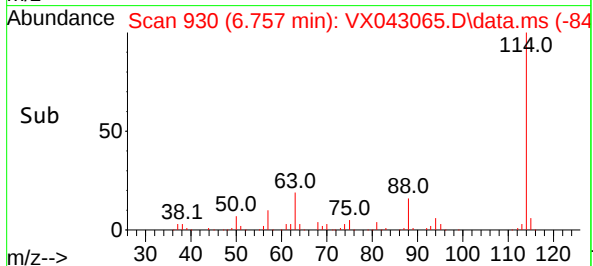
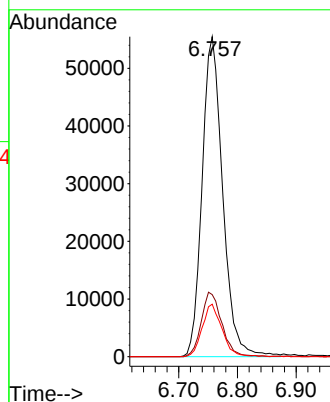
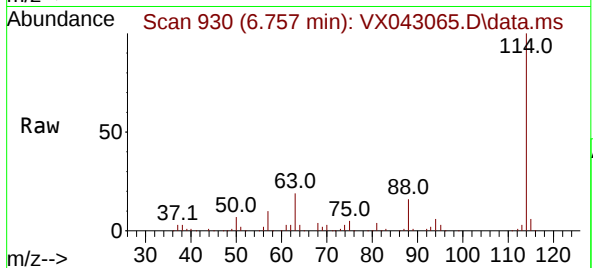
Tgt Ion:114 Resp: 135362

Ion Ratio Lower Upper

114 100

63 20.0 16.0 24.0

88 15.6 12.5 18.7



#30

2-Butanone

Concen: 32.267 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX043065.D

Acq: 16 Aug 2024 10:56

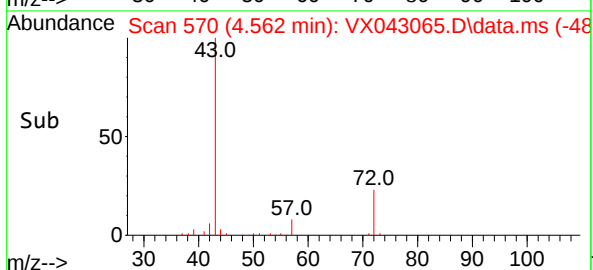
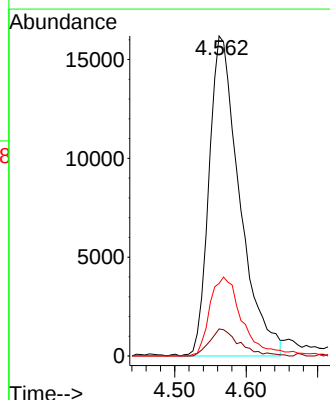
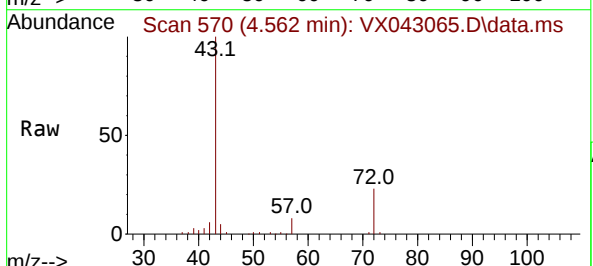
Tgt Ion: 43 Resp: 48033

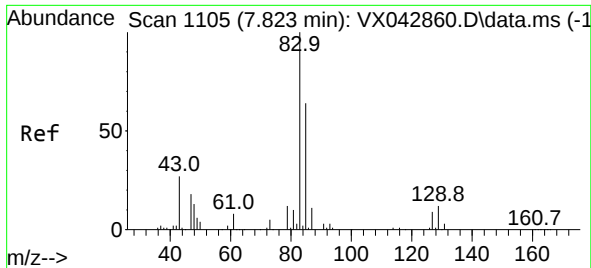
Ion Ratio Lower Upper

43 100

57 7.9 6.6 10.0

72 25.8 21.0 31.4

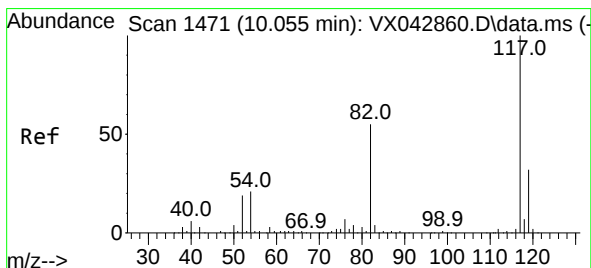
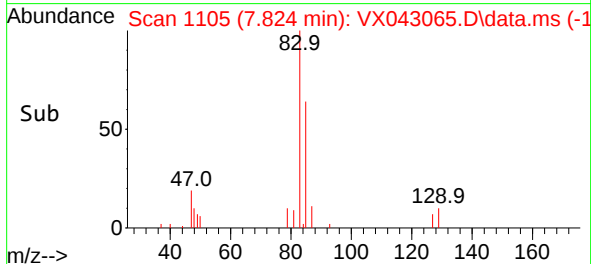
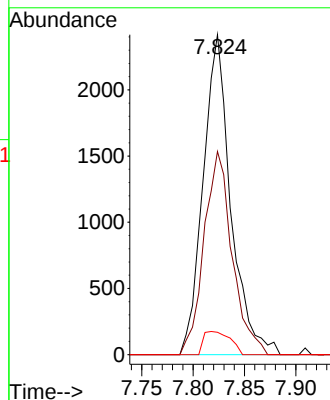
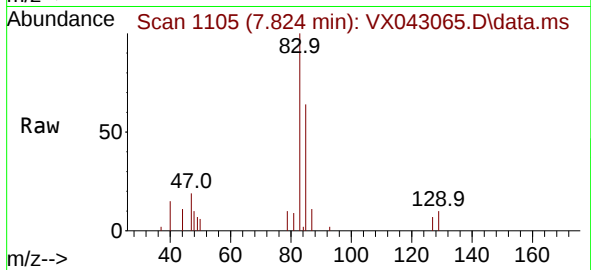




#41
Bromodichloromethane
Concen: 1.974 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX043065.D
Acq: 16 Aug 2024 10:56

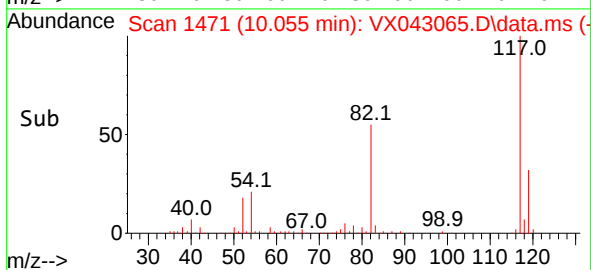
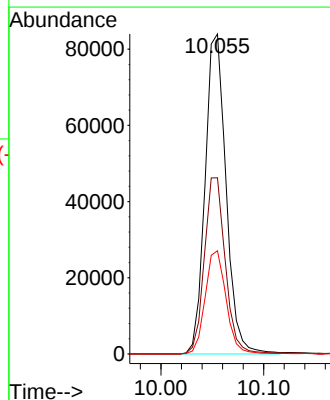
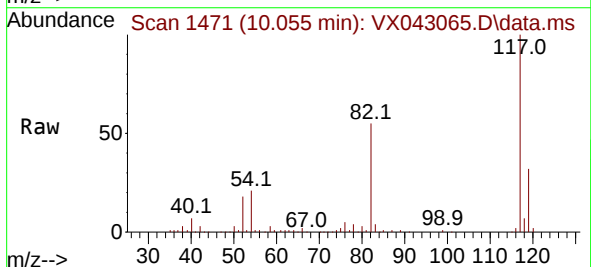
Instrument :
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ClientSampleId :
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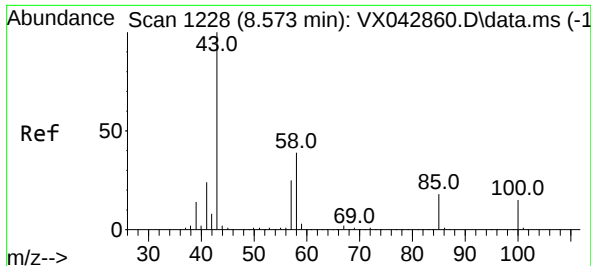
Tgt Ion:	83	Resp:	4527
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.8	76.2
127	7.0	6.9	10.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043065.D
Acq: 16 Aug 2024 10:56

Tgt Ion:	117	Resp:	119385
Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.9	67.3
119	32.2	25.4	38.2

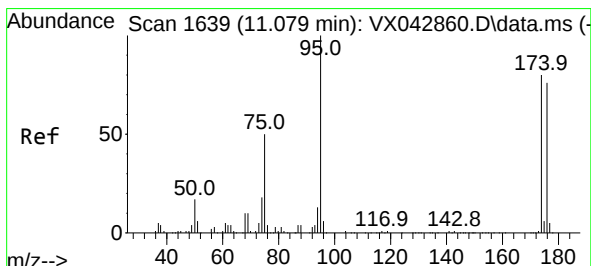
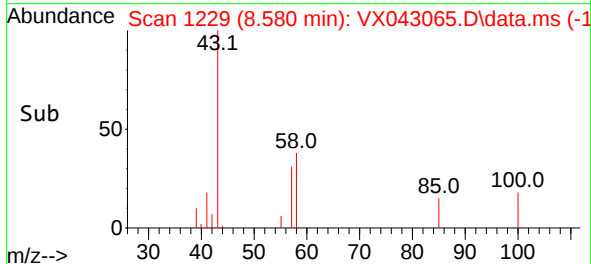
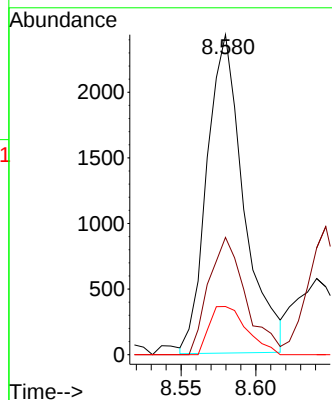
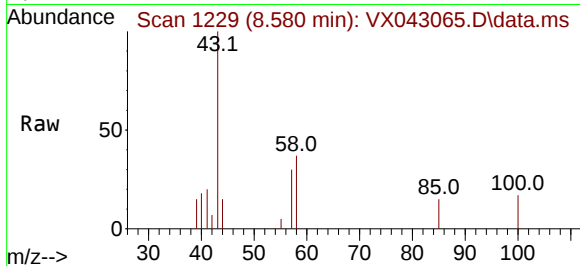




#58
4-Methyl-2-Pentanone
Concen: 1.511 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043065.D
Acq: 16 Aug 2024 10:56

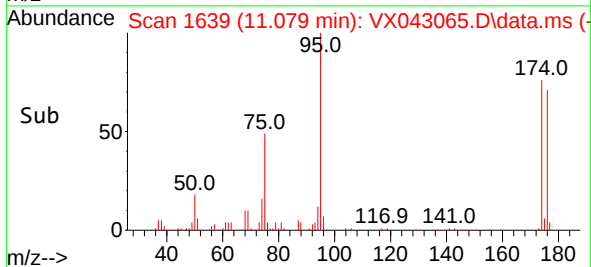
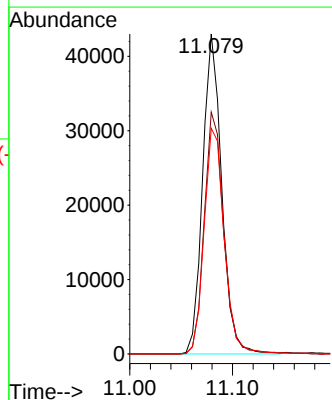
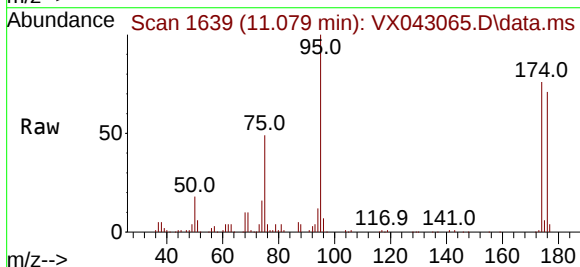
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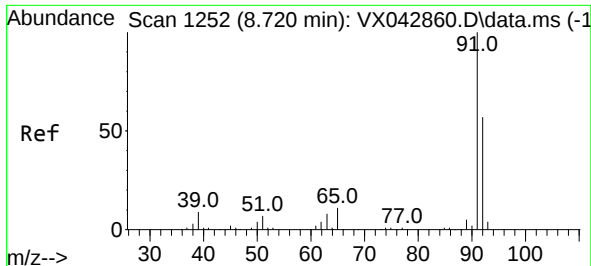
Tgt Ion:	43	Resp:	4172
Ion	Ratio	Lower	Upper
43	100		
58	37.1	31.4	47.0
85	15.4	14.6	21.8



#60
4-Bromofluorobenzene
Concen: 27.457 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043065.D
Acq: 16 Aug 2024 10:56

Tgt Ion:	95	Resp:	55648
Ion	Ratio	Lower	Upper
95	100		
174	76.7	65.0	97.6
176	74.2	63.4	95.0

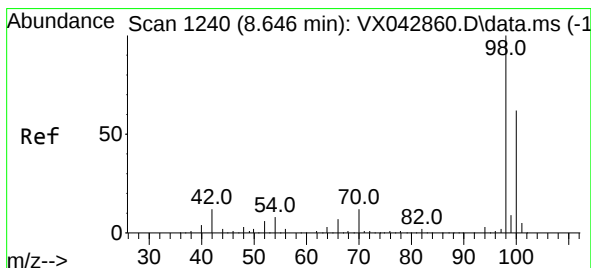
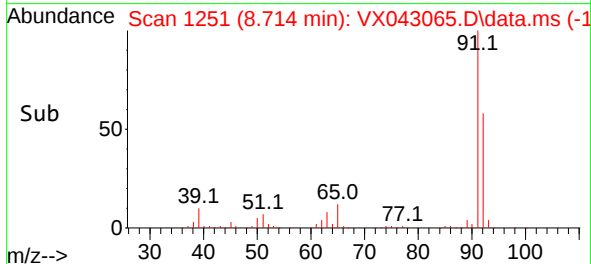
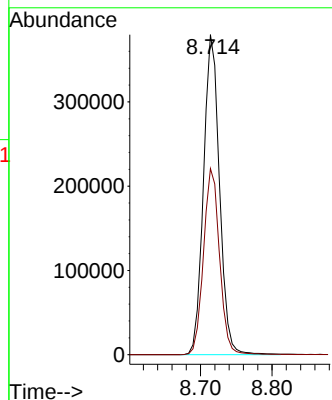
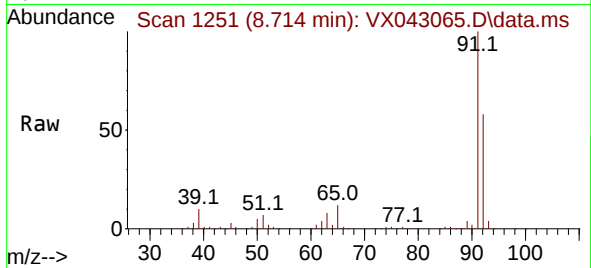




#62
Toluene
Concen: 86.775 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX043065.D
Acq: 16 Aug 2024 10:56

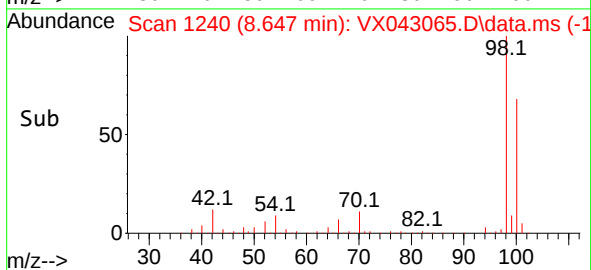
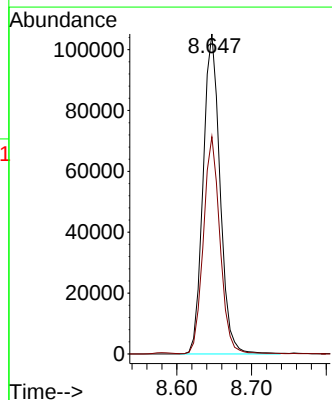
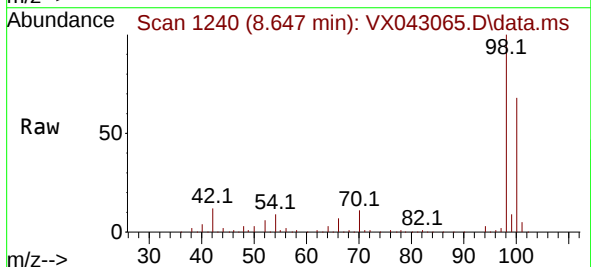
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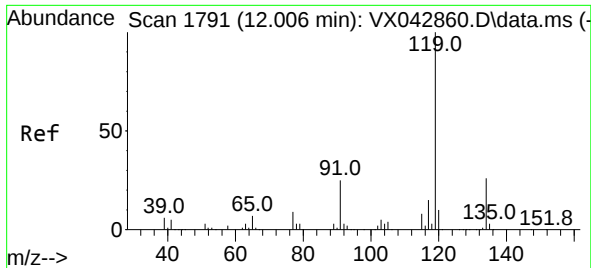
Tgt Ion: 91 Resp: 591773
Ion Ratio Lower Upper
91 100
92 58.3 45.7 68.5



#63
Toluene-d8
Concen: 30.085 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043065.D
Acq: 16 Aug 2024 10:56

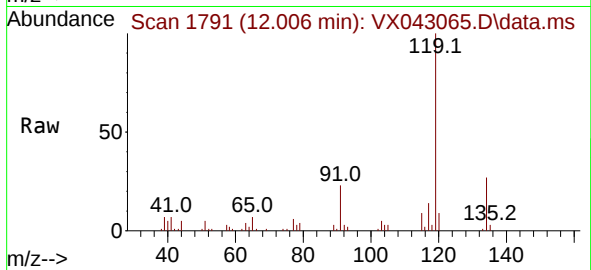
Tgt Ion: 98 Resp: 164991
Ion Ratio Lower Upper
98 100
100 66.2 50.9 76.3





#82
 p-Isopropyltoluene
 Concen: 1.764 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX043065.D
 Acq: 16 Aug 2024 10:56

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



Tgt Ion:	119	Resp:	10418
Ion	Ratio	Lower	Upper
119	100		
134	26.6	0.0	51.8
91	24.2	0.0	48.4

