

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042945.D
 Acq On : 08 Aug 2024 11:32
 Operator : JC/MD
 Sample : P3505-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 08 14:51:45 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)

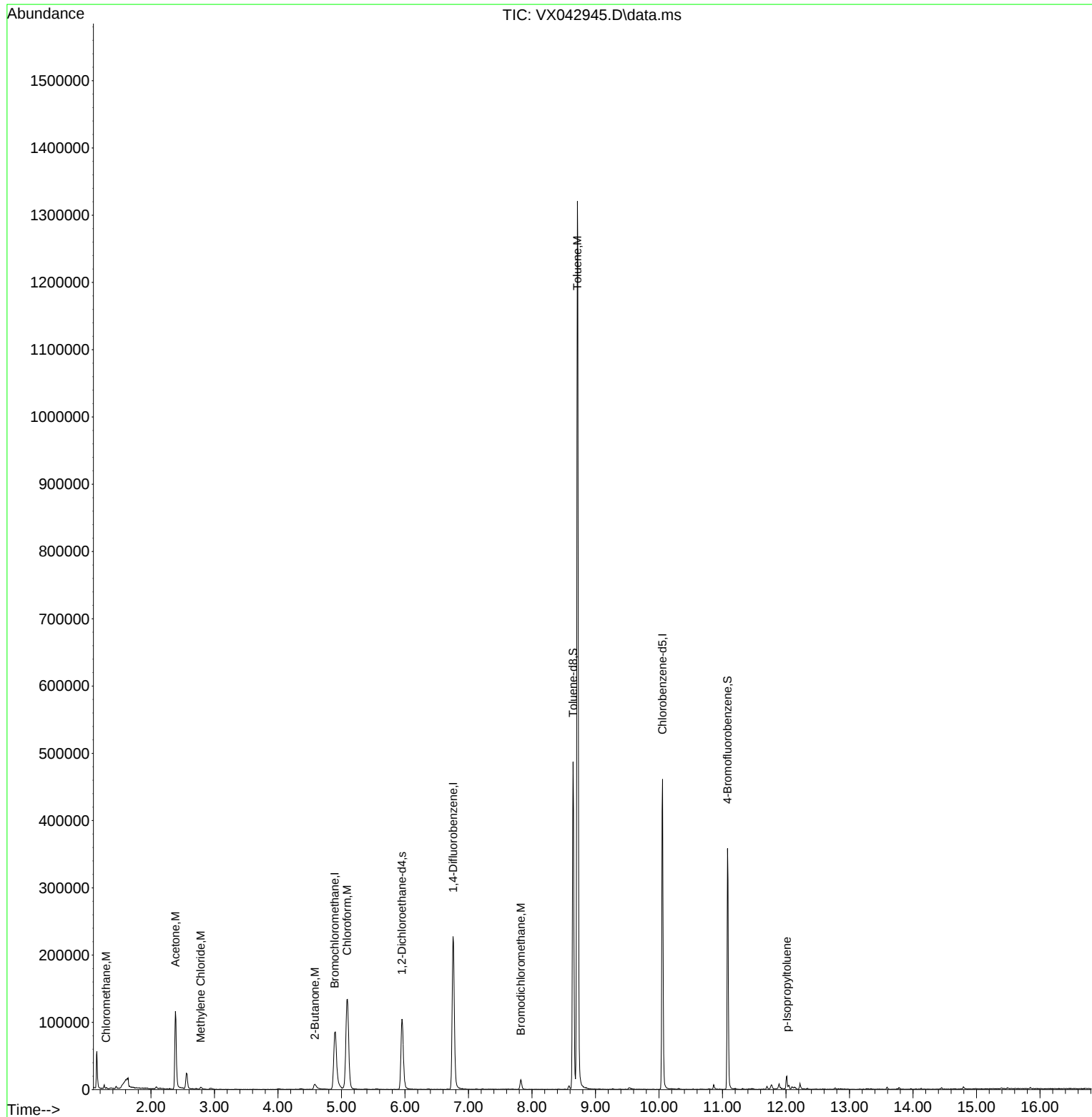
Internal Standards						
1) Bromochloromethane	4.891	128	42291	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	240439	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	217465	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	107533	27.536	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.800%
60) 4-Bromofluorobenzene	11.079	95	97218	27.402	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.333%
63) Toluene-d8	8.647	98	293296	29.858	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.533%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1378	0.604	ug/l	93
15) Acetone	2.386	58	41228	75.617	ug/l	94
18) Methylene Chloride	2.782	84	1695	0.577	ug/l #	86
25) Chloroform	5.087	83	170886	31.046	ug/l	97
30) 2-Butanone	4.581	43	15141	6.636	ug/l #	77
41) Bromodichloromethane	7.824	83	9635	2.545	ug/l #	96
62) Toluene	8.714	91	898112	84.321	ug/l	100
82) p-Isopropyltoluene	12.012	119	9011	0.869	ug/l	97

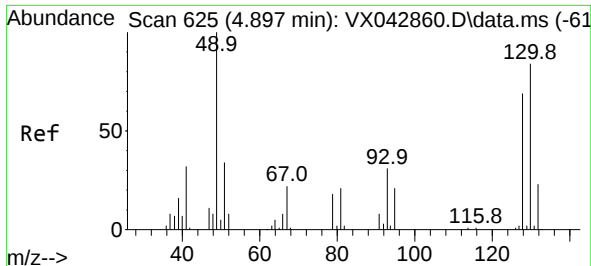
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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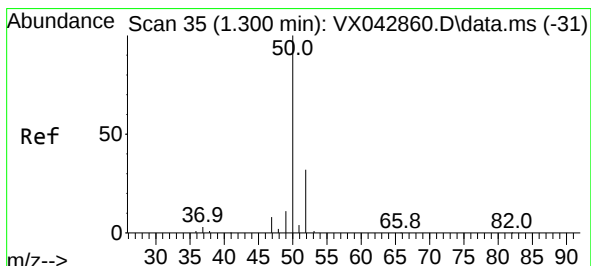
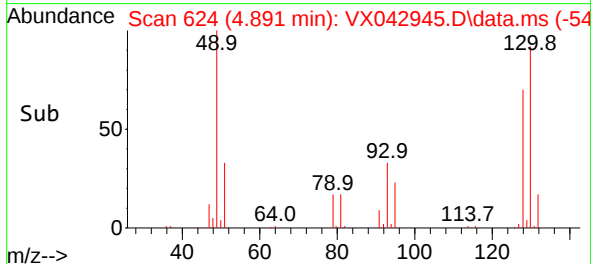
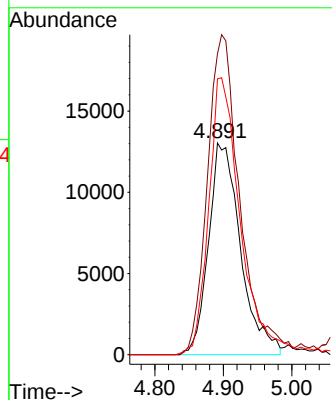
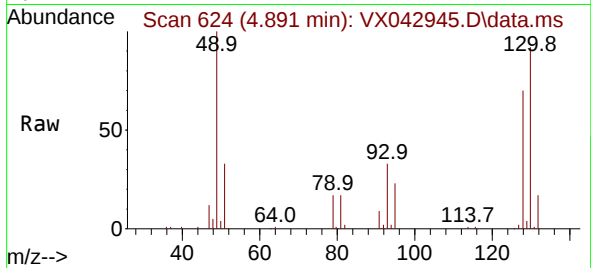




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042945.D
Acq: 08 Aug 2024 11:32

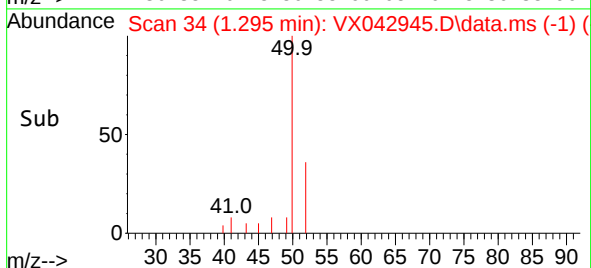
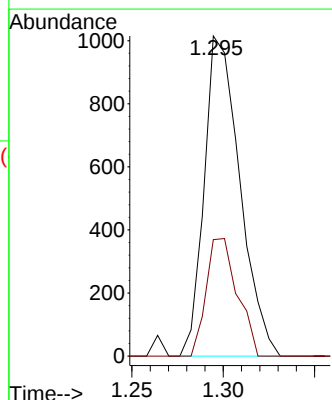
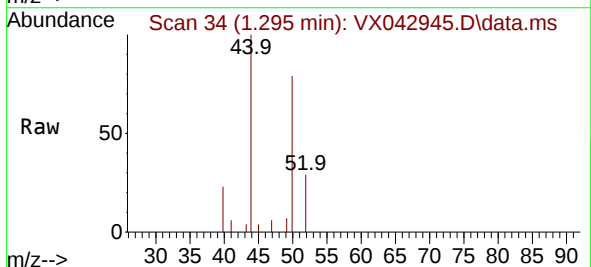
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)

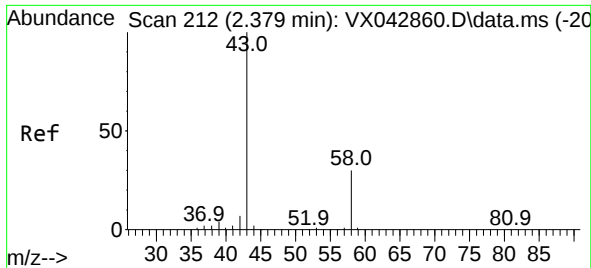
Tgt Ion:128 Resp: 42291
Ion Ratio Lower Upper
128 100
49 153.2 0.0 400.5
130 129.2 0.0 333.0



#3
Chloromethane
Concen: 0.604 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042945.D
Acq: 08 Aug 2024 11:32

Tgt Ion: 50 Resp: 1378
Ion Ratio Lower Upper
50 100
52 36.4 26.0 39.0





#15

Acetone

Concen: 75.617 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX042945.D

Acq: 08 Aug 2024 11:32

Instrument :

MSVOA_X

ClientSampleId :

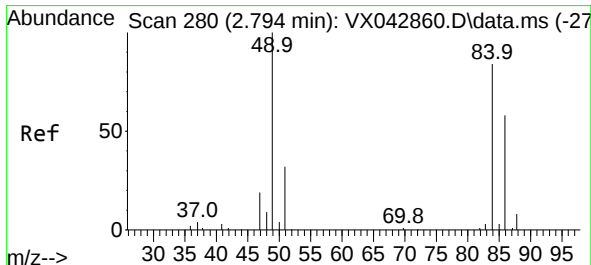
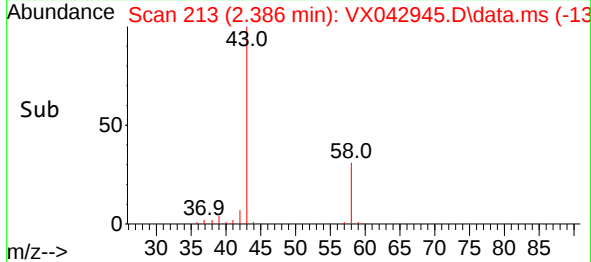
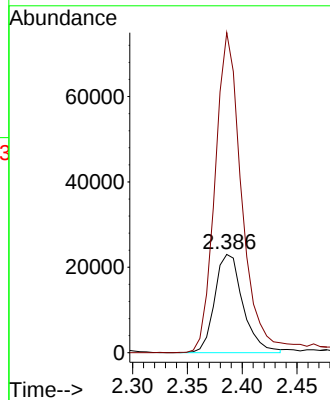
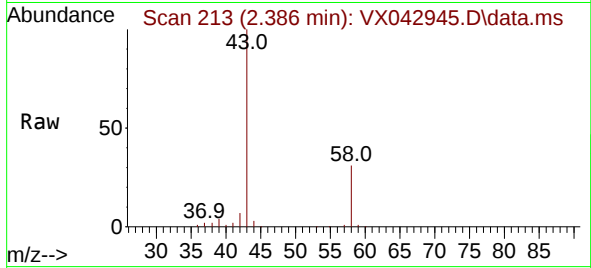
001-WILLETS-PT-BLVD(JUNE)

Tgt Ion: 58 Resp: 41228

Ion Ratio Lower Upper

58 100

43 325.1 269.9 404.9



#18

Methylene Chloride

Concen: 0.577 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.012 min

Lab File: VX042945.D

Acq: 08 Aug 2024 11:32

Tgt Ion: 84 Resp: 1695

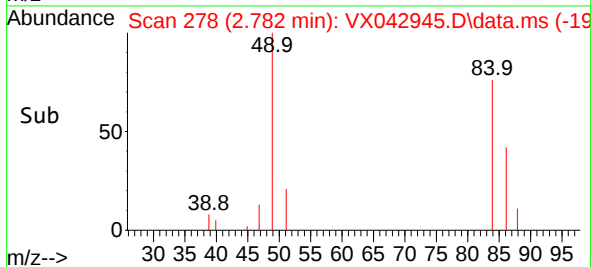
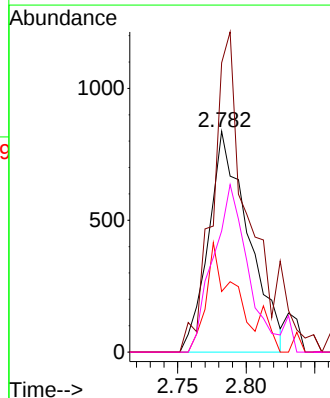
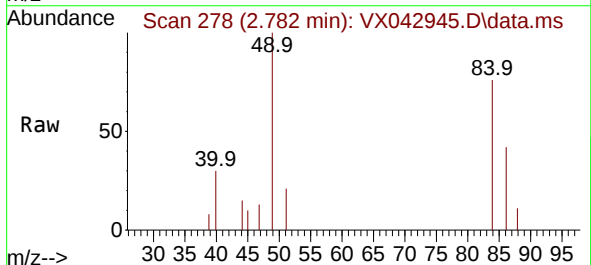
Ion Ratio Lower Upper

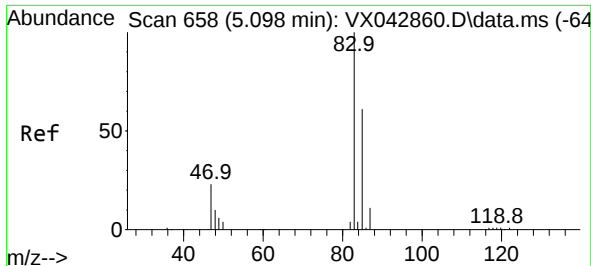
84 100

49 131.1 95.0 142.6

51 27.5 30.1 45.1#

86 54.8 55.4 83.2#





#25

Chloroform

Concen: 31.046 ug/l

RT: 5.087 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX042945.D

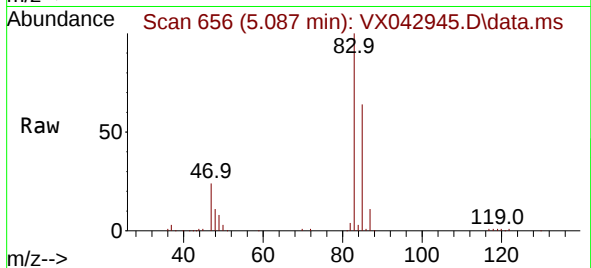
Acq: 08 Aug 2024 11:32

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)

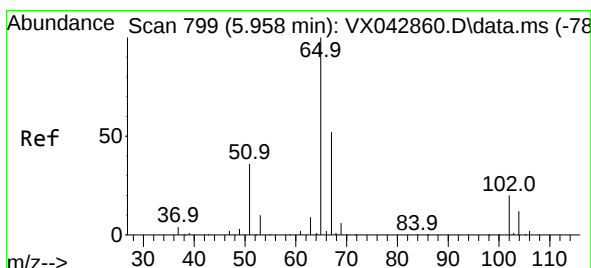
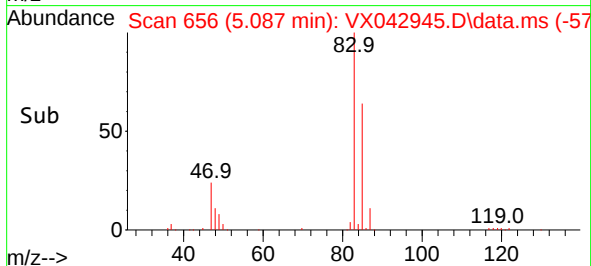
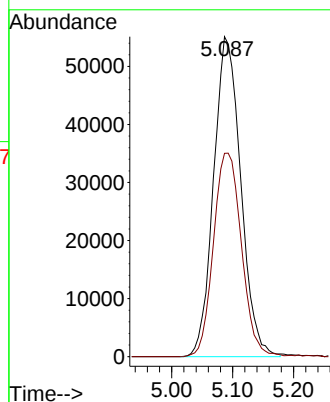


Tgt Ion: 83 Resp: 170886

Ion Ratio Lower Upper

83 100

85 63.6 49.2 73.8



#27

1,2-Dichloroethane-d4

Concen: 27.536 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX042945.D

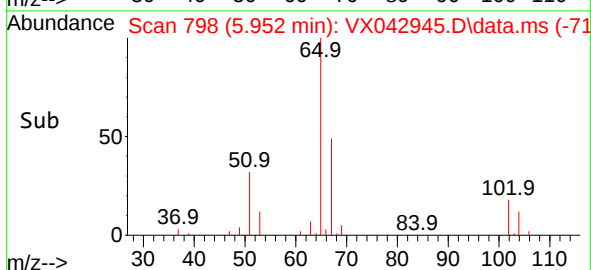
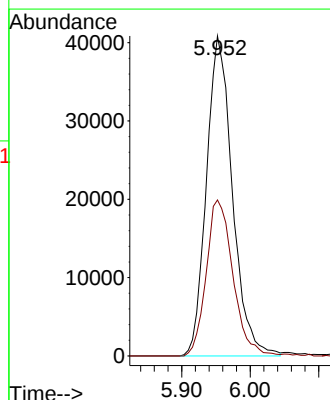
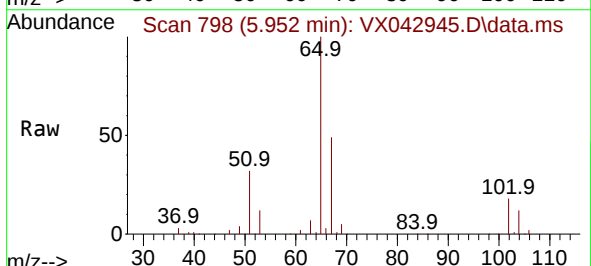
Acq: 08 Aug 2024 11:32

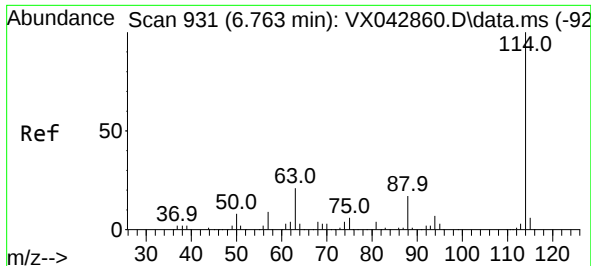
Tgt Ion: 65 Resp: 107533

Ion Ratio Lower Upper

65 100

67 50.1 40.6 60.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX042945.D

Acq: 08 Aug 2024 11:32

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)

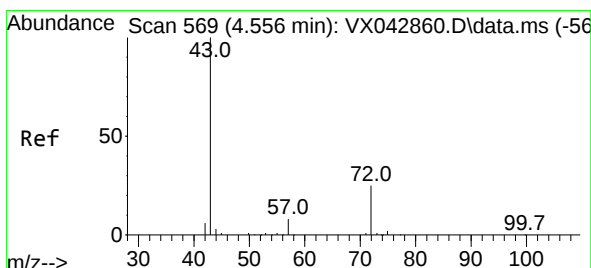
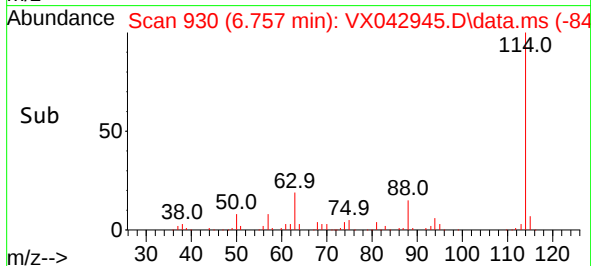
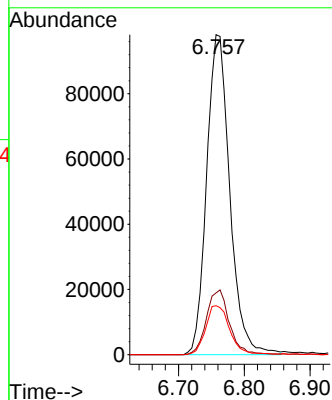
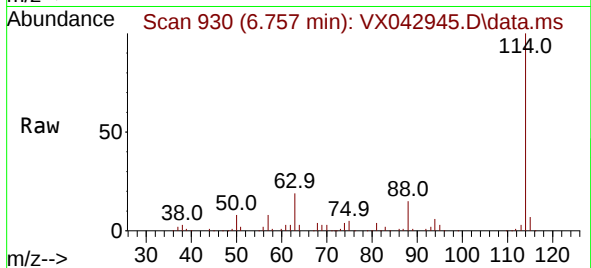
Tgt Ion:114 Resp: 240439

Ion Ratio Lower Upper

114 100

63 20.0 16.0 24.0

88 15.7 12.5 18.7



#30

2-Butanone

Concen: 6.636 ug/l

RT: 4.581 min Scan# 573

Delta R.T. 0.025 min

Lab File: VX042945.D

Acq: 08 Aug 2024 11:32

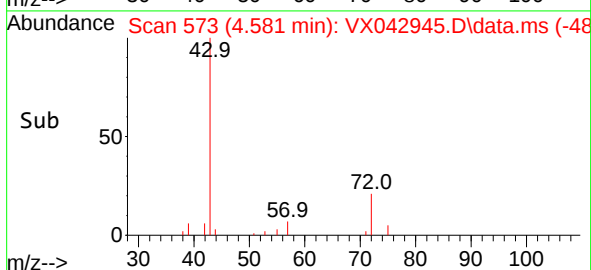
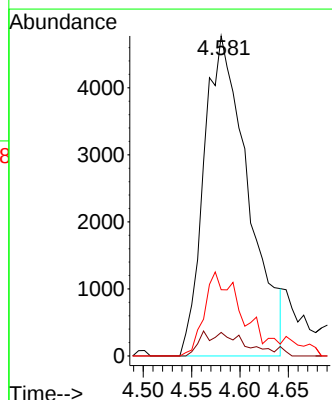
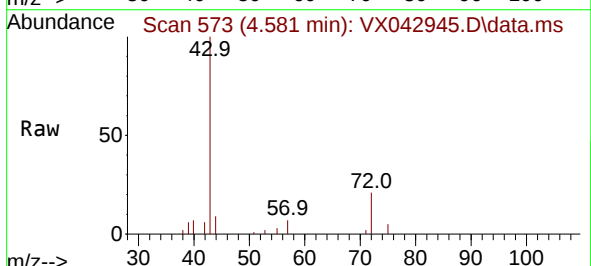
Tgt Ion: 43 Resp: 15141

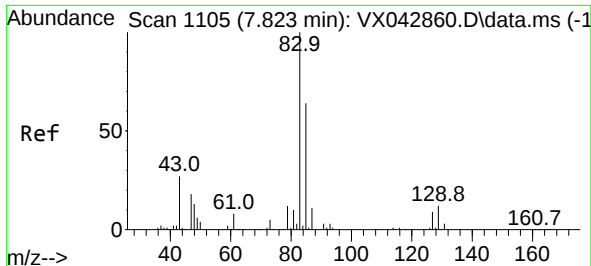
Ion Ratio Lower Upper

43 100

57 2.8 6.6 10.0#

72 13.0 21.0 31.4#

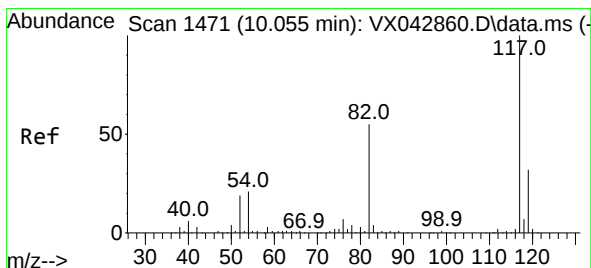
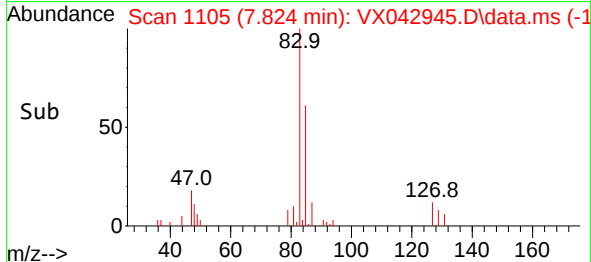
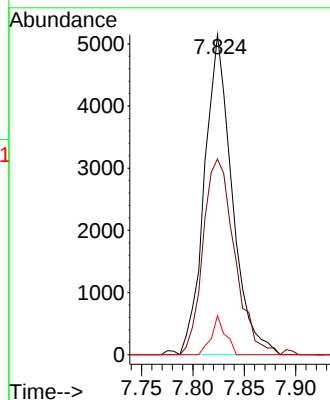
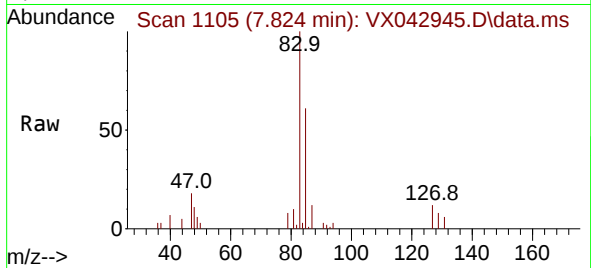




#41
Bromodichloromethane
Concen: 2.545 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042945.D
Acq: 08 Aug 2024 11:32

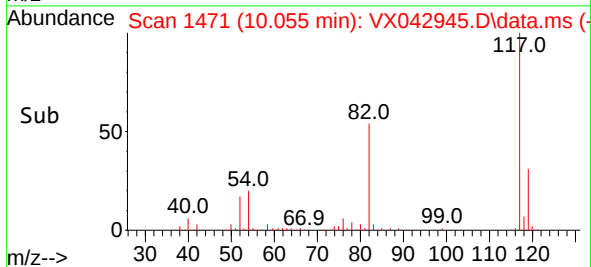
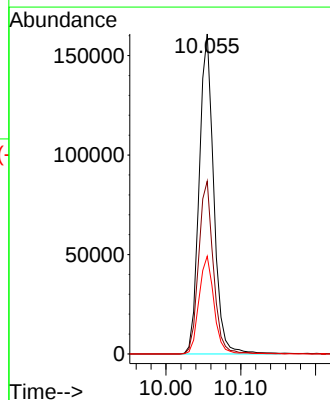
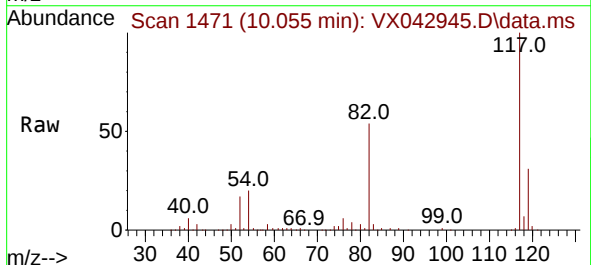
Instrument :
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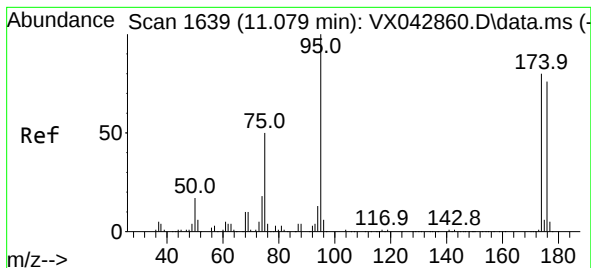
Tgt Ion: 83 Resp: 9635
Ion Ratio Lower Upper
83 100
85 61.1 50.8 76.2
127 12.1 6.9 10.3#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VX042945.D
Acq: 08 Aug 2024 11:32

Tgt Ion: 117 Resp: 217465
Ion Ratio Lower Upper
117 100
82 54.2 44.9 67.3
119 31.1 25.4 38.2

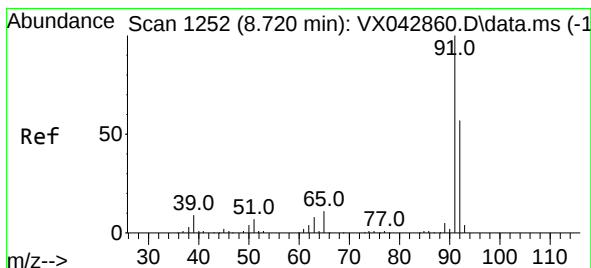
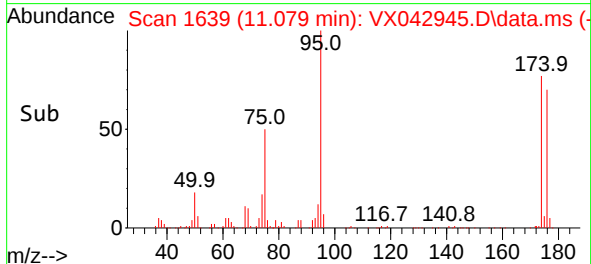
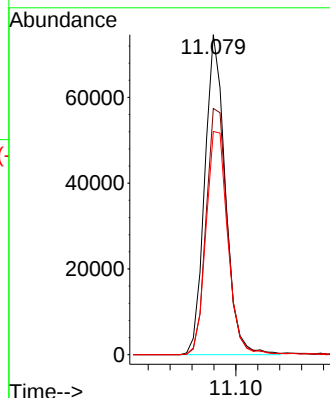
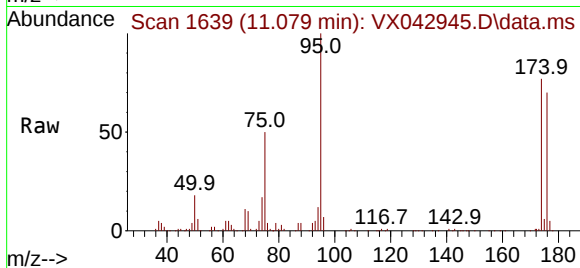




#60
4-Bromofluorobenzene
Concen: 27.402 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042945.D
Acq: 08 Aug 2024 11:32

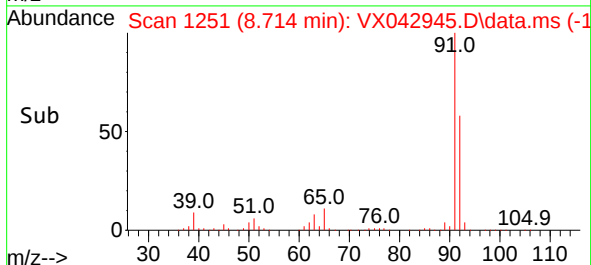
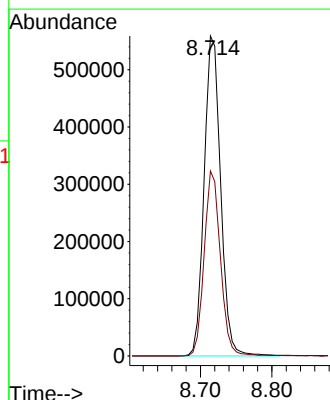
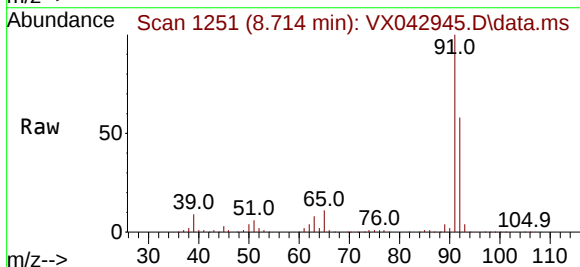
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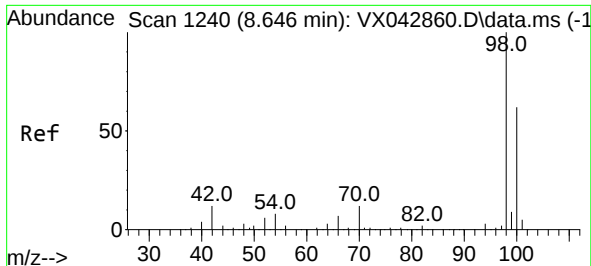
Tgt Ion: 95 Resp: 97218
Ion Ratio Lower Upper
95 100
174 80.0 65.0 97.6
176 74.3 63.4 95.0



#62
Toluene
Concen: 84.321 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042945.D
Acq: 08 Aug 2024 11:32

Tgt Ion: 91 Resp: 898112
Ion Ratio Lower Upper
91 100
92 56.9 45.7 68.5

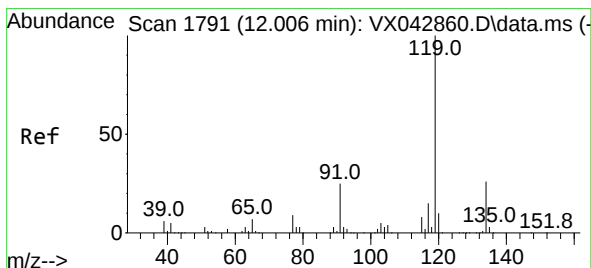
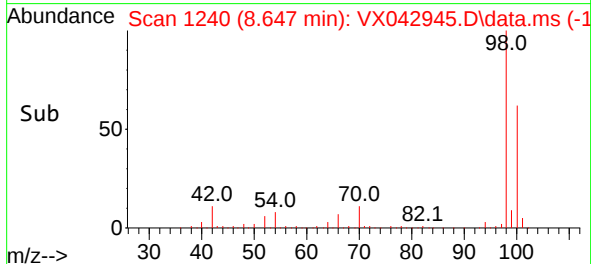
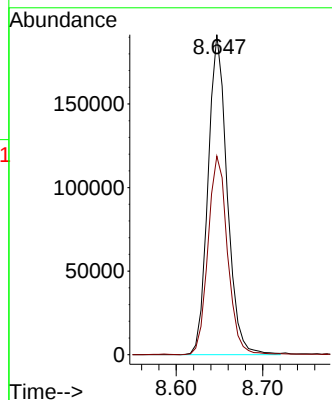
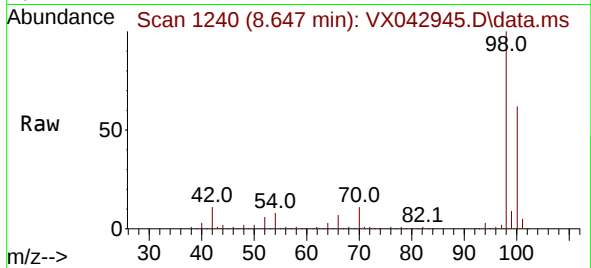




#63
Toluene-d8
Concen: 29.858 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX042945.D
Acq: 08 Aug 2024 11:32

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

Tgt Ion: 98 Resp: 293296
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#82
p-Isopropyltoluene
Concen: 0.869 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.007 min
Lab File: VX042945.D
Acq: 08 Aug 2024 11:32

Tgt Ion: 119 Resp: 9011
Ion Ratio Lower Upper
119 100
134 28.4 0.0 51.8
91 24.4 0.0 48.4

