

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011022\
 Data File : VX026406.D
 Acq On : 10 Jan 2022 16:40
 Operator : JC/MD
 Sample : N1046-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 11 04:56:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

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

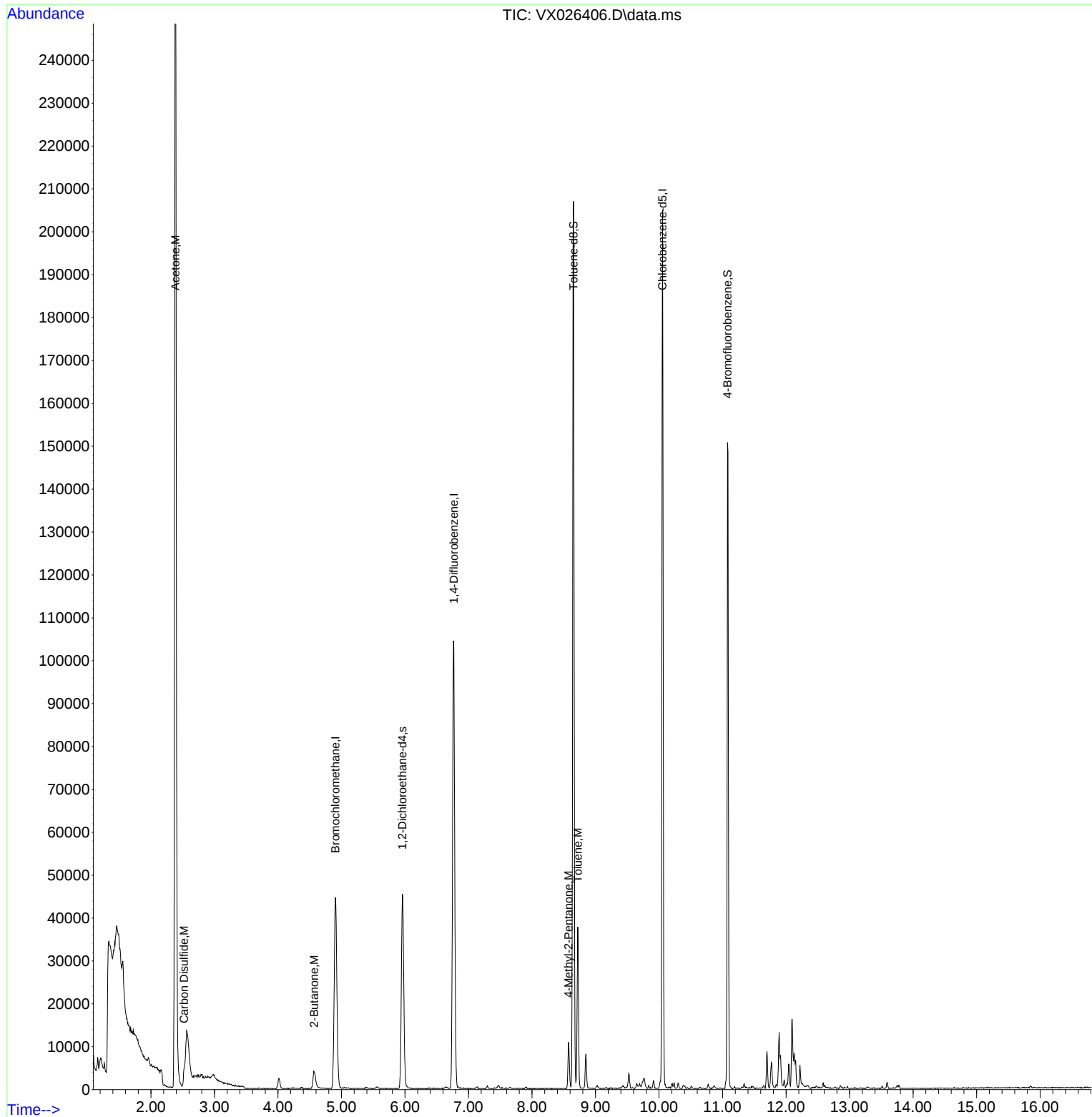
Internal Standards						
1) Bromochloromethane	4.904	128	18809	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	103490	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	88866	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	45399	30.017	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.067%
60) 4-Bromofluorobenzene	11.079	95	42679	28.777	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.933%
63) Toluene-d8	8.653	98	121894	29.858	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.533%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	95365	513.857	ug/l	96
16) Carbon Disulfide	2.520	76	6780	2.375	ug/l	98
30) 2-Butanone	4.568	43	8325	8.968	ug/l #	75
58) 4-Methyl-2-Pentanone	8.574	43	6882	4.152	ug/l	99
62) Toluene	8.720	91	22803	4.806	ug/l	98

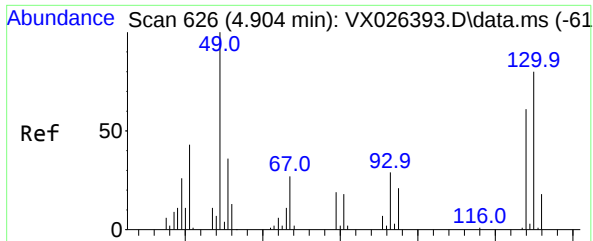
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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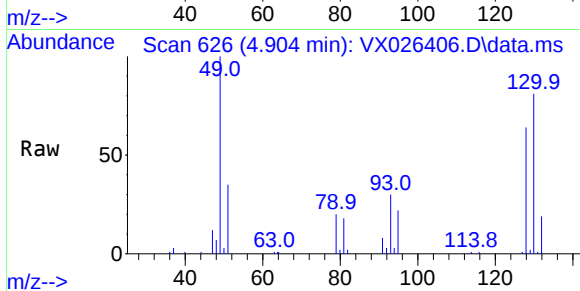
Quant Time: Jan 11 04:56:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 2022
Response via : Initial Calibration



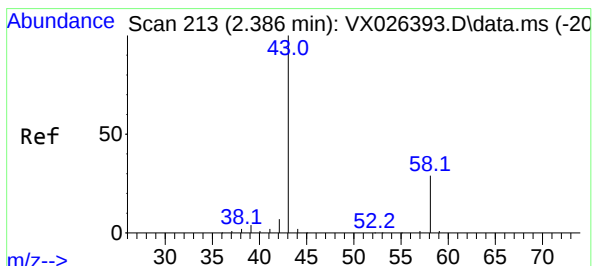
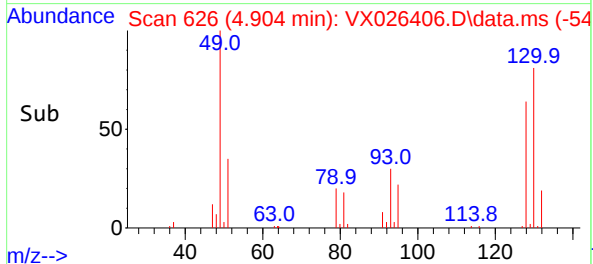
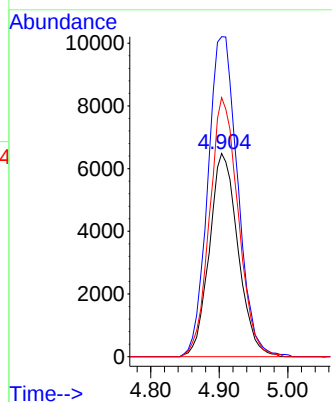


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX026406.D
Acq: 10 Jan 2022 16:40

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

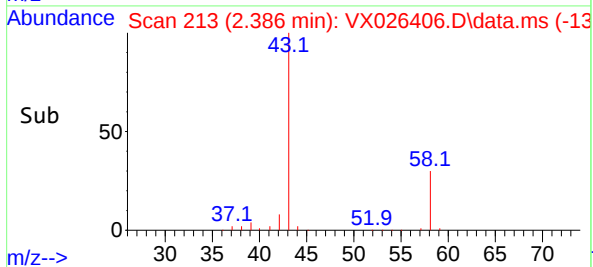
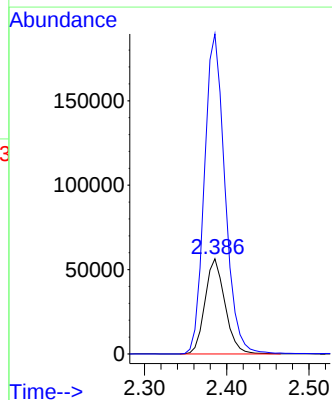
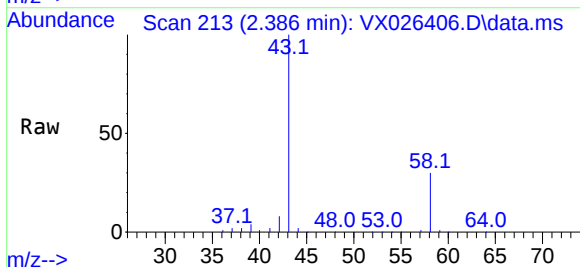


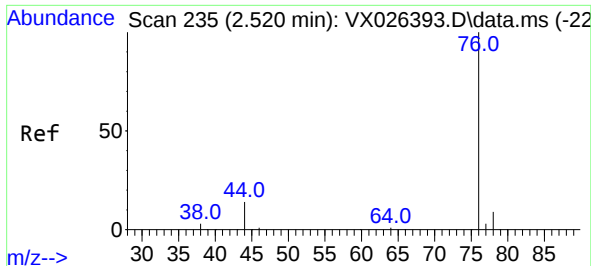
Tgt Ion:128 Resp: 18809
Ion Ratio Lower Upper
128 100
49 164.4 0.0 413.5
130 127.6 0.0 326.0



#15
Acetone
Concen: 513.857 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026406.D
Acq: 10 Jan 2022 16:40

Tgt Ion: 58 Resp: 95365
Ion Ratio Lower Upper
58 100
43 335.9 276.3 414.5

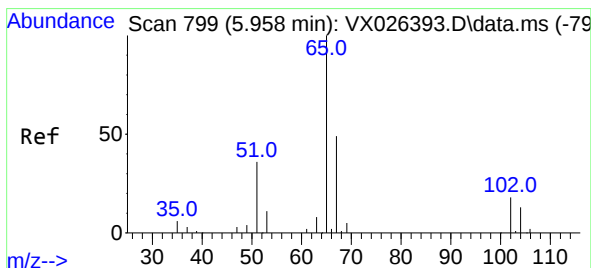
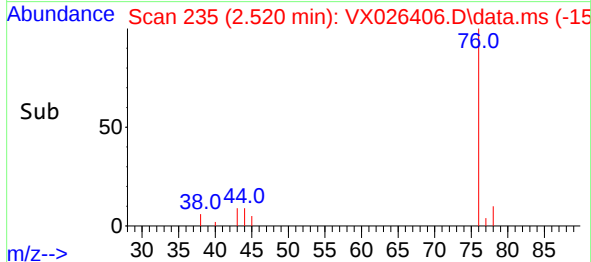
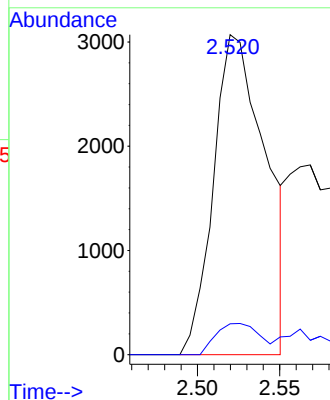
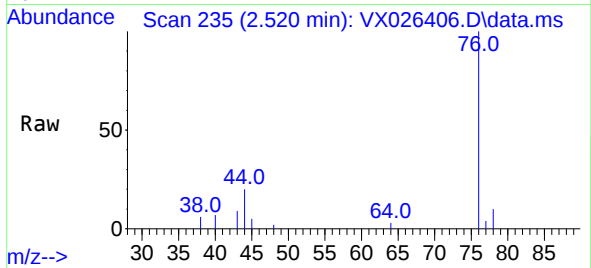




#16
Carbon Disulfide
Concen: 2.375 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026406.D
Acq: 10 Jan 2022 16:40

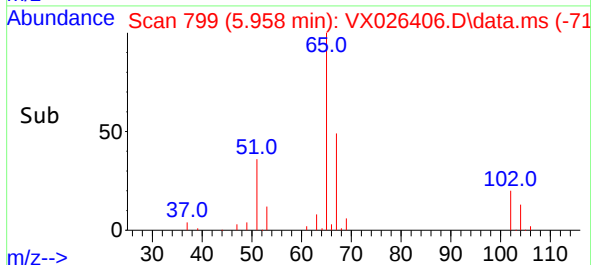
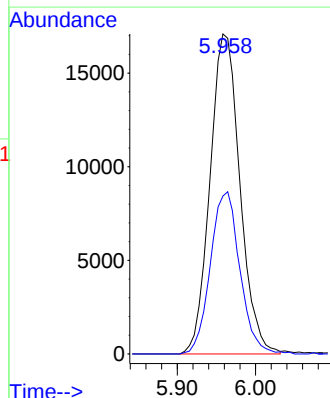
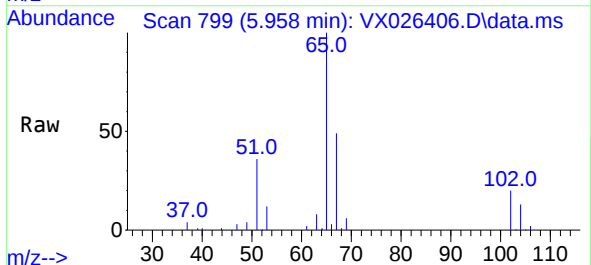
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JAN)

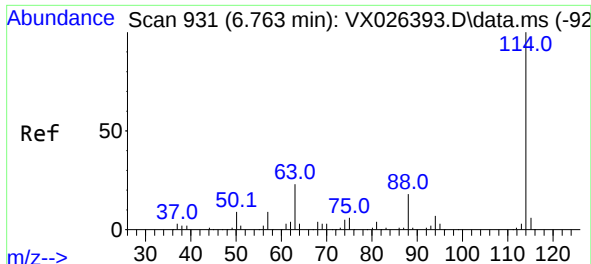
Tgt Ion: 76 Resp: 6780
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#27
1,2-Dichloroethane-d4
Concen: 30.017 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026406.D
Acq: 10 Jan 2022 16:40

Tgt Ion: 65 Resp: 45399
Ion Ratio Lower Upper
65 100
67 49.9 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX026406.D

Acq: 10 Jan 2022 16:40

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JAN)

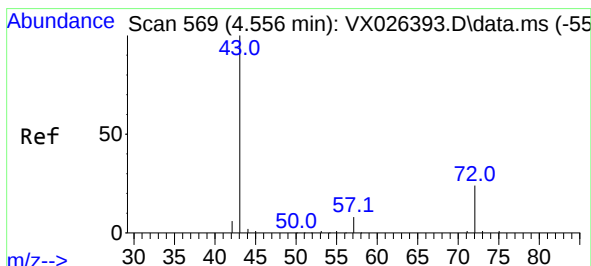
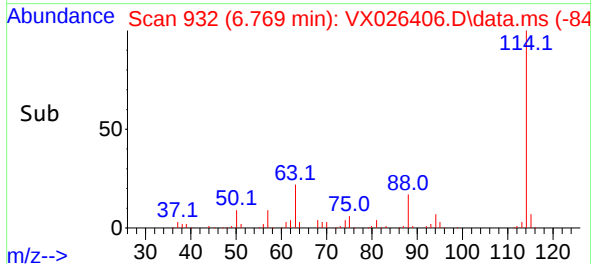
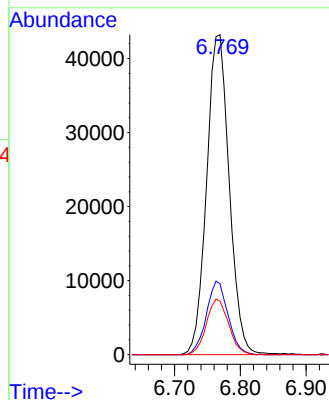
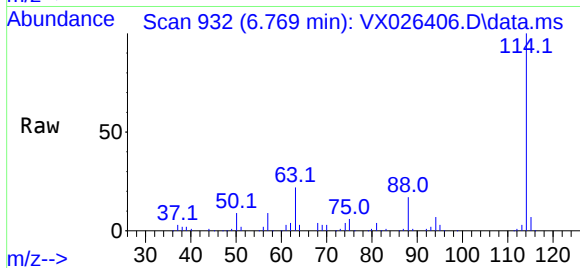
Tgt Ion:114 Resp: 103490

Ion Ratio Lower Upper

114 100

63 22.0 17.4 26.2

88 17.0 13.5 20.3



#30

2-Butanone

Concen: 8.968 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX026406.D

Acq: 10 Jan 2022 16:40

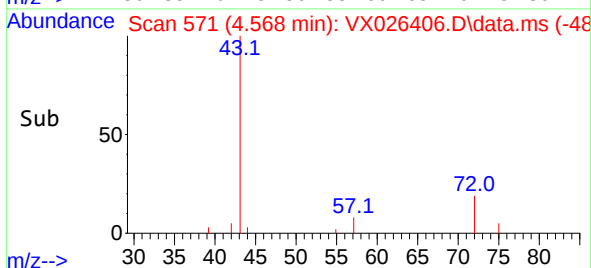
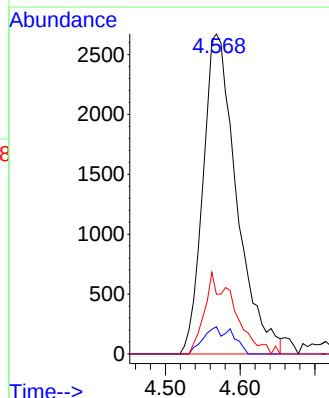
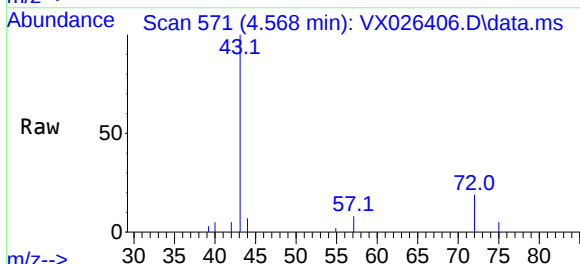
Tgt Ion: 43 Resp: 8325

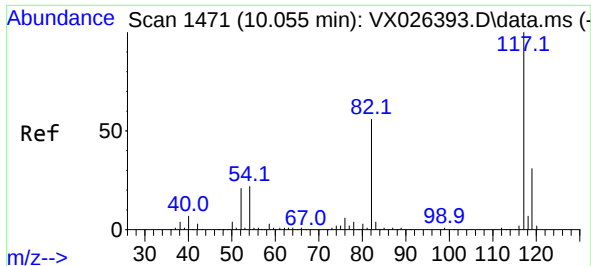
Ion Ratio Lower Upper

43 100

57 4.4 6.3 9.5#

72 9.6 19.8 29.6#

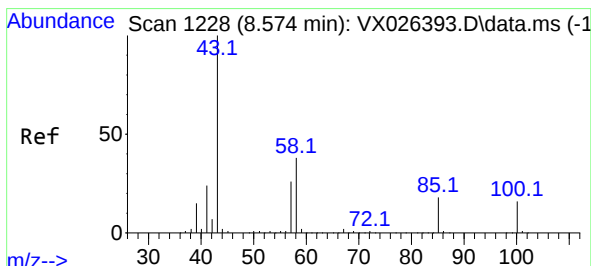
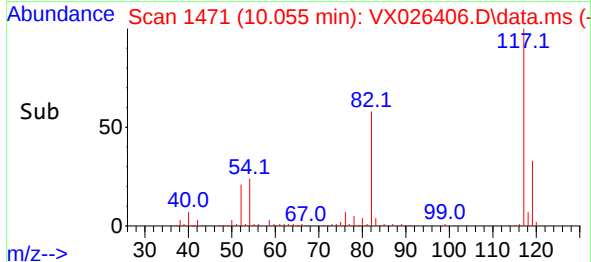
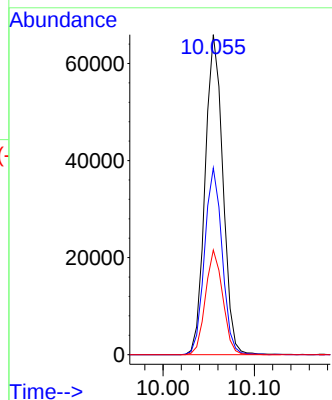
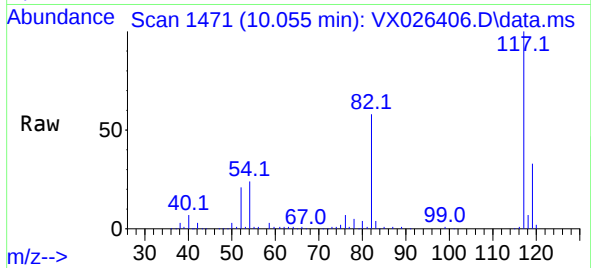




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026406.D
Acq: 10 Jan 2022 16:40

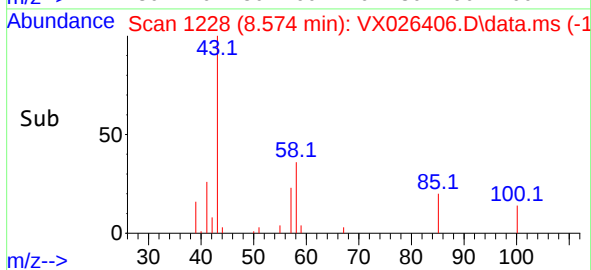
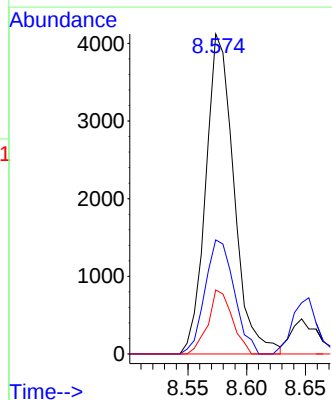
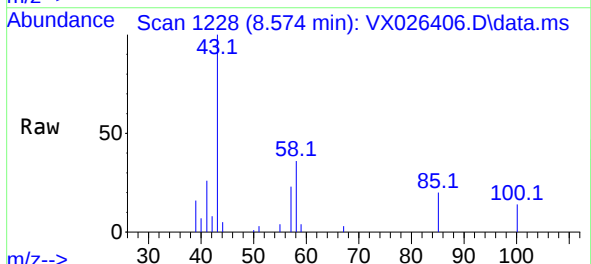
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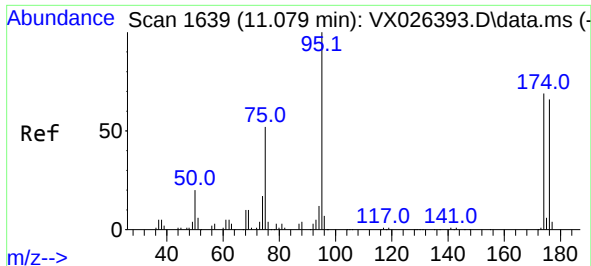
Tgt Ion:117 Resp: 88866
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 31.8 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 4.152 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX026406.D
Acq: 10 Jan 2022 16:40

Tgt Ion: 43 Resp: 6882
Ion Ratio Lower Upper
43 100
58 36.8 30.2 45.4
85 17.2 14.1 21.1

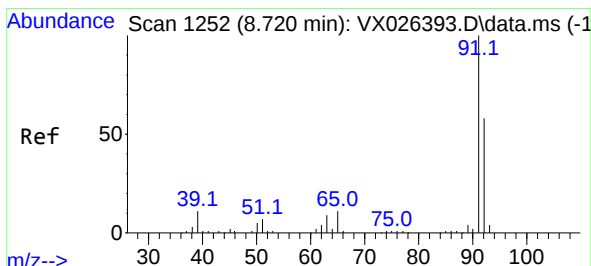
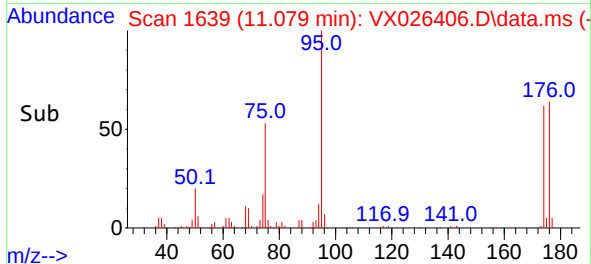
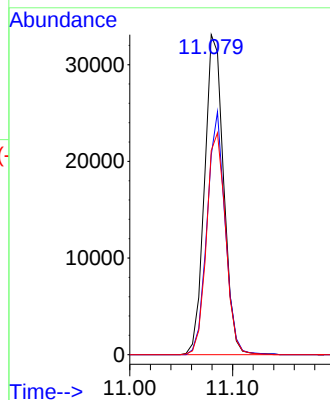
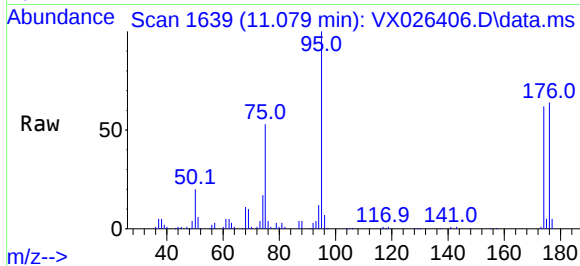




#60
4-Bromofluorobenzene
Concen: 28.777 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026406.D
Acq: 10 Jan 2022 16:40

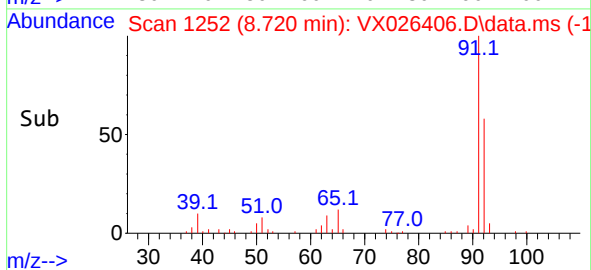
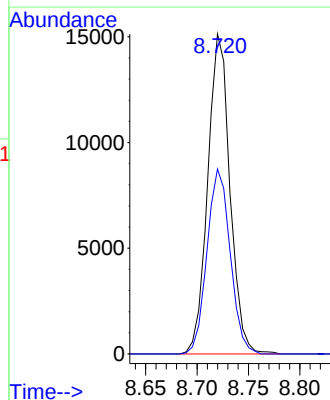
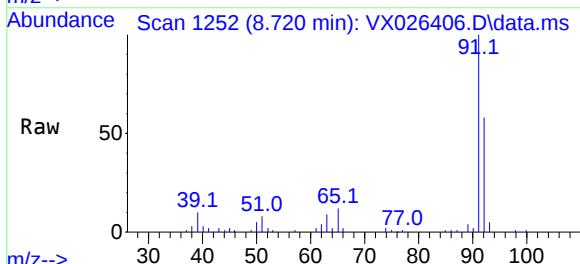
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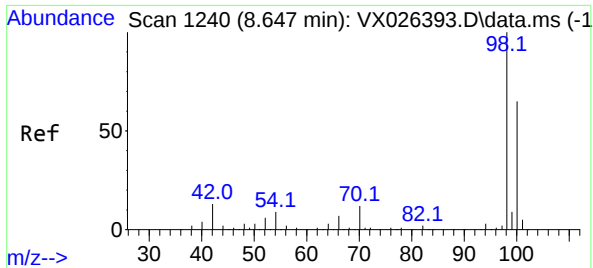
Tgt Ion: 95 Resp: 42679
Ion Ratio Lower Upper
95 100
174 71.9 58.0 87.0
176 69.3 56.5 84.7



#62
Toluene
Concen: 4.806 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026406.D
Acq: 10 Jan 2022 16:40

Tgt Ion: 91 Resp: 22803
Ion Ratio Lower Upper
91 100
92 60.2 47.2 70.8





#63
Toluene-d8
Concen: 29.858 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026406.D
Acq: 10 Jan 2022 16:40

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

Tgt Ion: 98 Resp: 121894
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

