

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023613.D
 Acq On : 09 Aug 2021 14:53
 Operator : JC/MD
 Sample : M3262-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 10 03:58:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 03 12:05:42 2021
 Response via : Initial Calibration

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

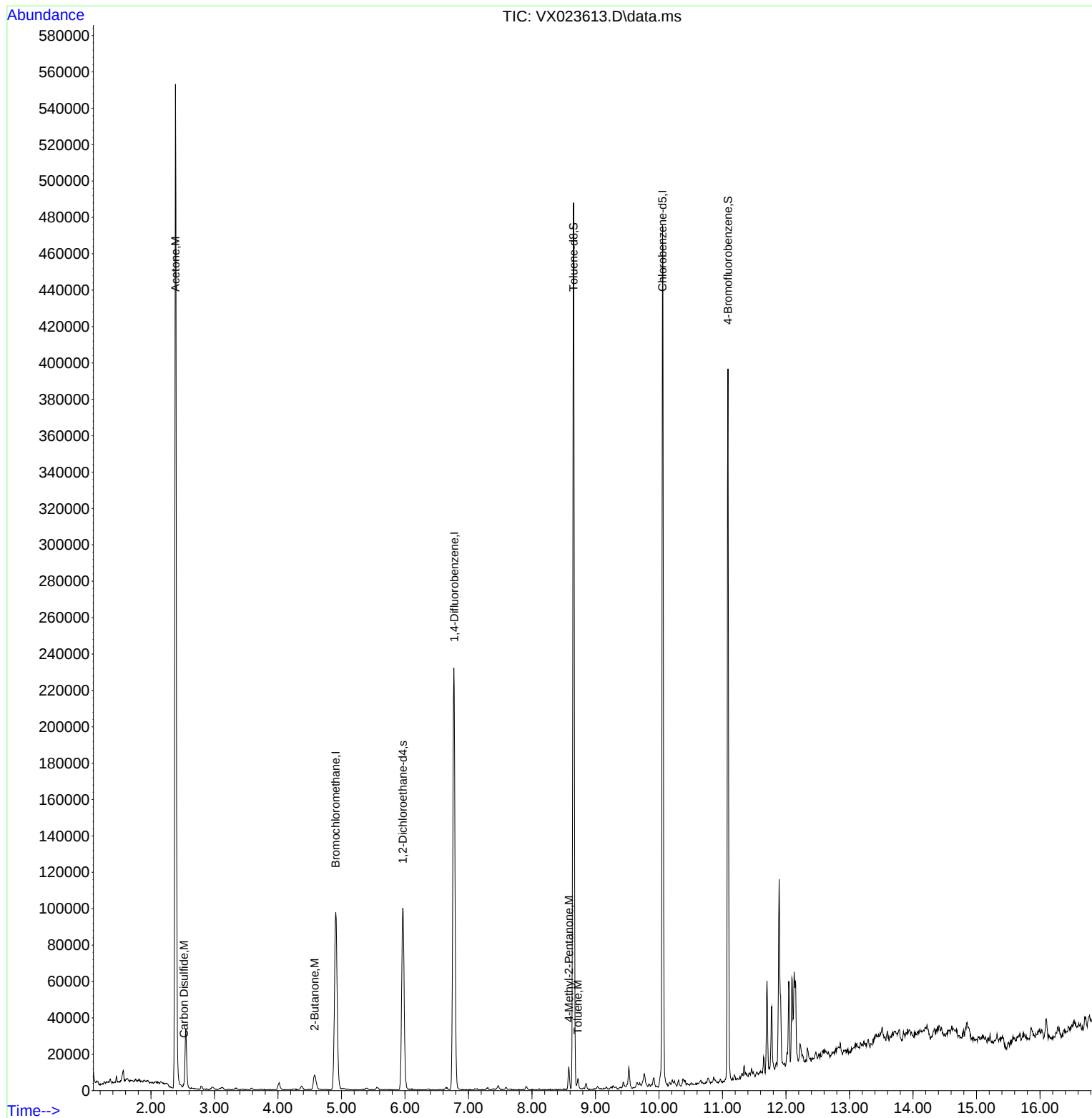
Internal Standards						
1) Bromochloromethane	4.910	128	41490	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.775	114	232381	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	210103	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	99829	31.113	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.700%
60) 4-Bromofluorobenzene	11.085	95	99604	28.943	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.467%
63) Toluene-d8	8.653	98	280430	29.657	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.867%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	169601	352.870	ug/l	99
16) Carbon Disulfide	2.520	76	2239	0.378	ug/l #	79
30) 2-Butanone	4.574	43	14837	6.116	ug/l #	77
58) 4-Methyl-2-Pentanone	8.580	43	7689	1.698	ug/l	94
62) Toluene	8.720	91	3181	0.268	ug/l	99

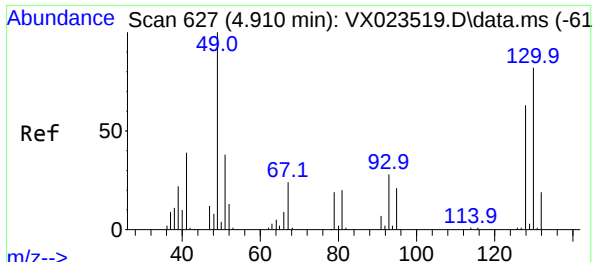
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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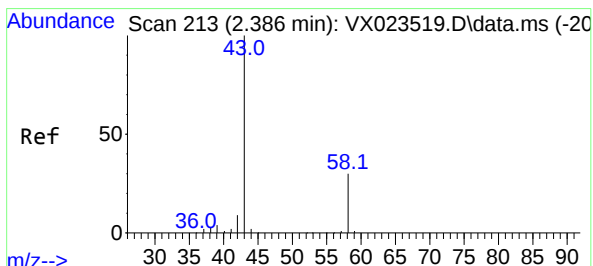
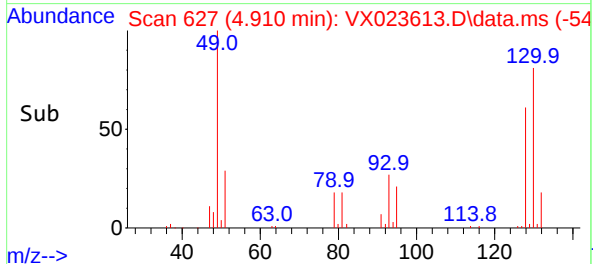
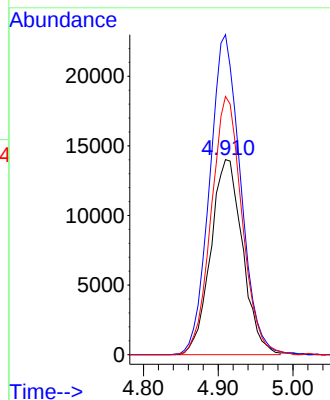
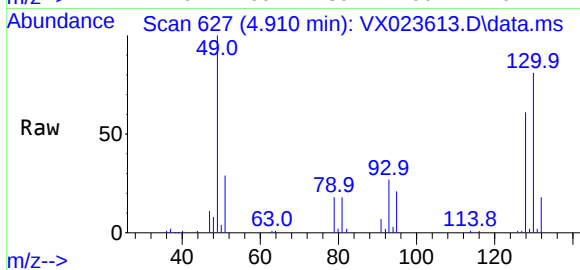




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 627
Delta R.T. -0.000 min
Lab File: VX023613.D
Acq: 09 Aug 2021 14:53

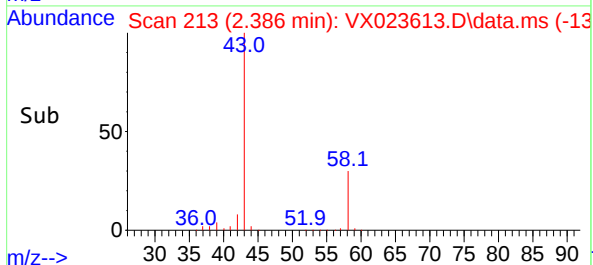
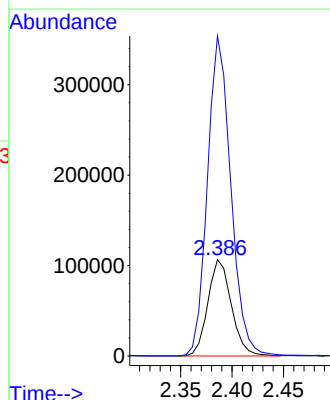
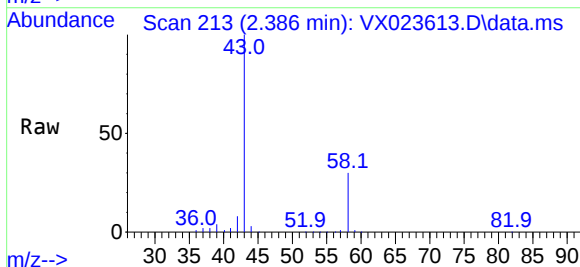
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)

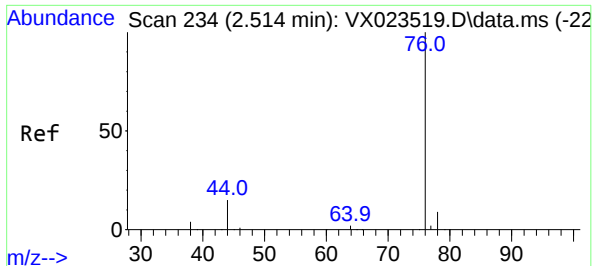
Tgt Ion:128 Resp: 41490
Ion Ratio Lower Upper
128 100
49 159.5 0.0 402.5
130 128.4 0.0 326.5



#15
Acetone
Concen: 352.870 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX023613.D
Acq: 09 Aug 2021 14:53

Tgt Ion: 58 Resp: 169601
Ion Ratio Lower Upper
58 100
43 332.1 266.6 400.0

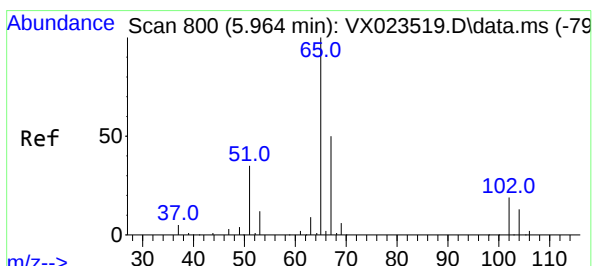
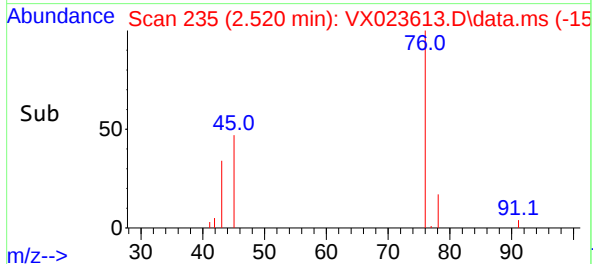
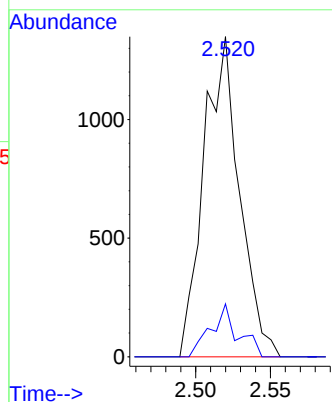
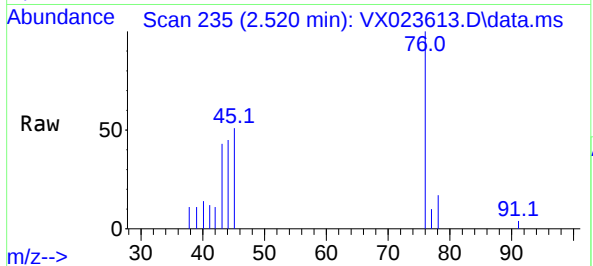




#16
Carbon Disulfide
Concen: 0.378 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023613.D
Acq: 09 Aug 2021 14:53

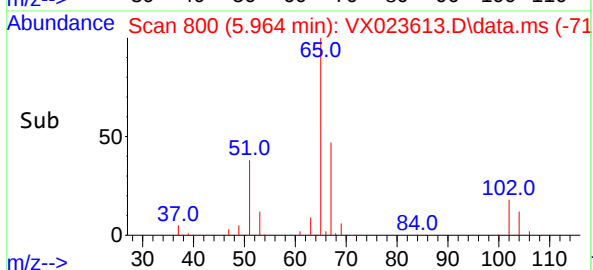
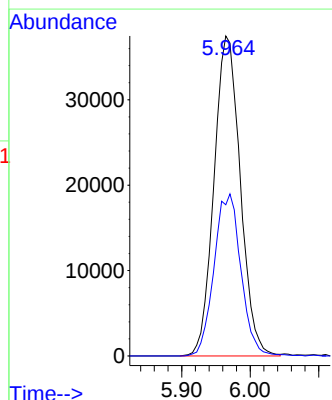
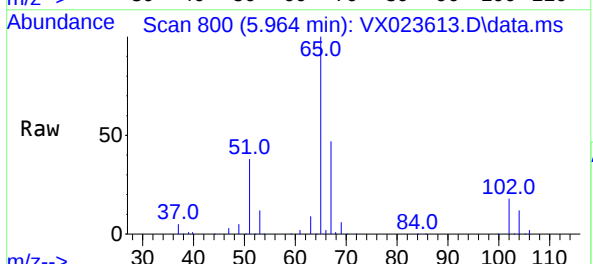
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)

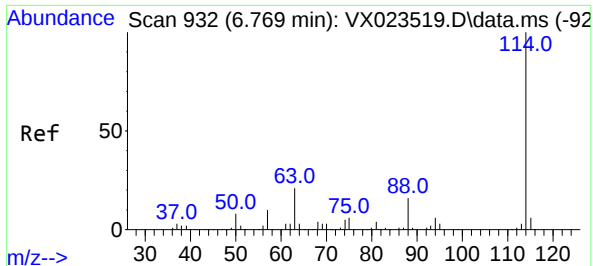
Tgt Ion: 76 Resp: 2239
Ion Ratio Lower Upper
76 100
78 16.5 7.3 10.9#



#27
1,2-Dichloroethane-d4
Concen: 31.113 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023613.D
Acq: 09 Aug 2021 14:53

Tgt Ion: 65 Resp: 99829
Ion Ratio Lower Upper
65 100
67 51.6 42.4 63.6



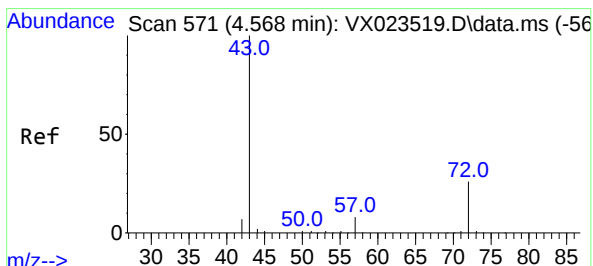
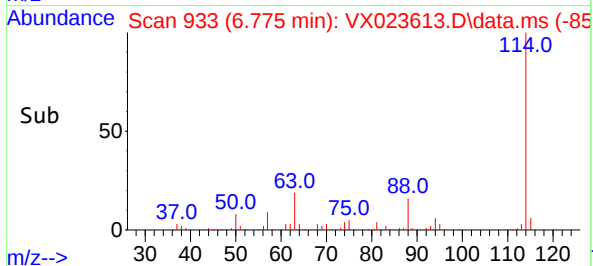
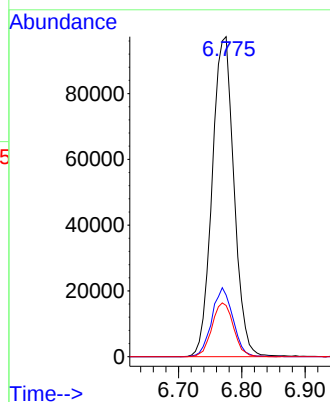
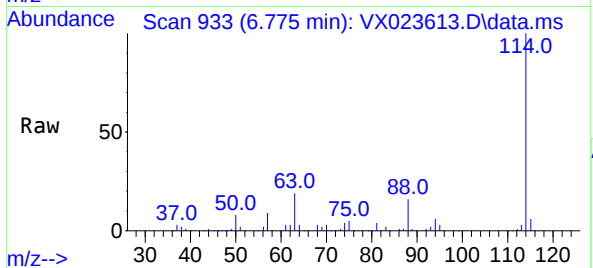


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX023613.D
Acq: 09 Aug 2021 14:53

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

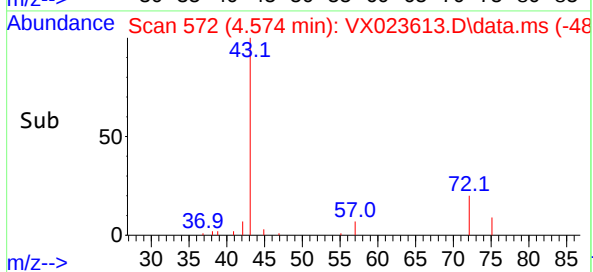
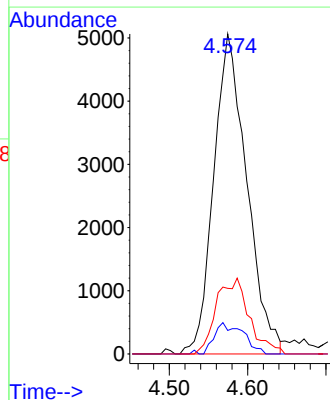
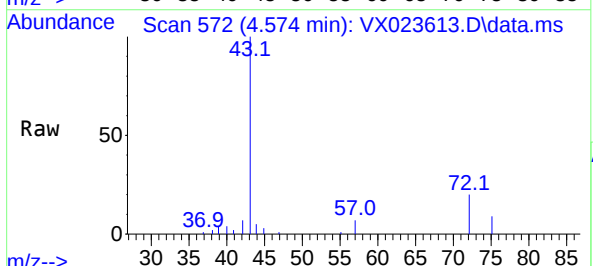
Tgt Ion:114 Resp: 232381
Ion Ratio Lower Upper
114 100
63 20.9 16.4 24.6
88 16.6 12.7 19.1

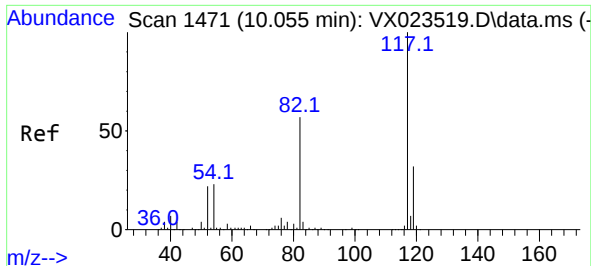


#30

2-Butanone
Concen: 6.116 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023613.D
Acq: 09 Aug 2021 14:53

Tgt Ion: 43 Resp: 14837
Ion Ratio Lower Upper
43 100
57 4.1 6.6 9.8#
72 12.8 21.0 31.4#

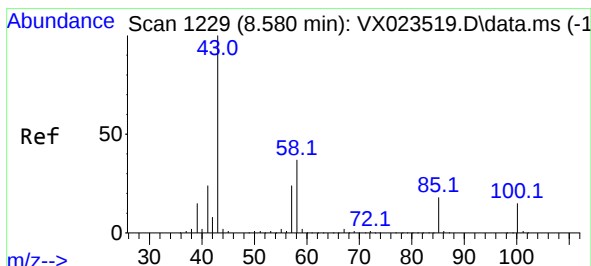
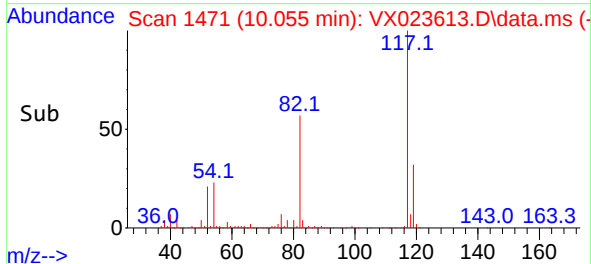
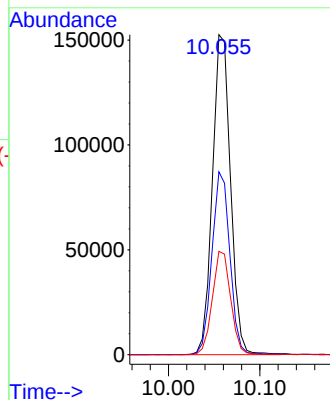
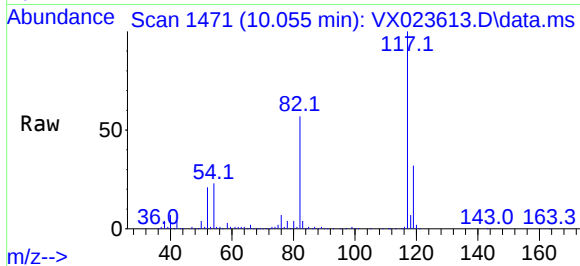




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023613.D
Acq: 09 Aug 2021 14:53

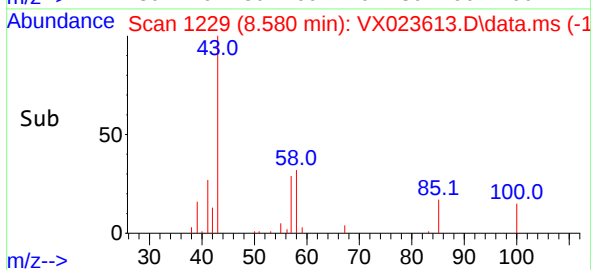
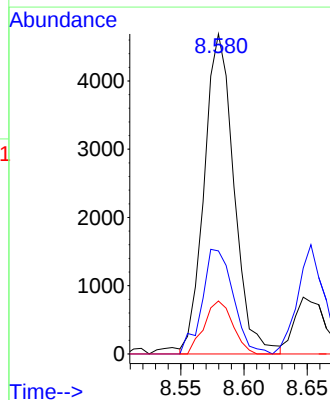
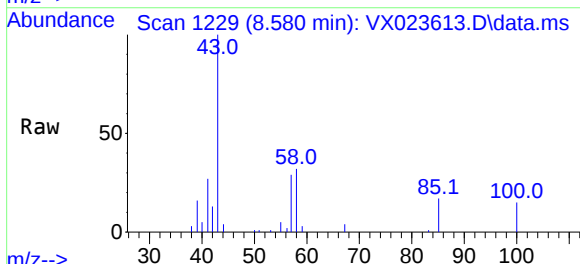
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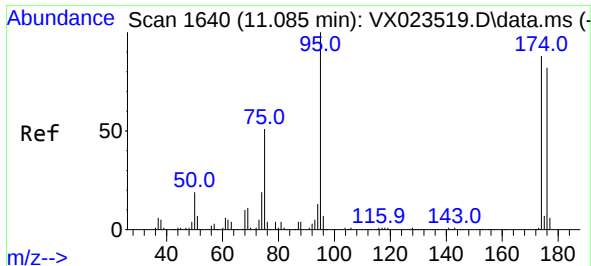
Tgt Ion:	117	Resp:	210103
Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.0	67.4
119	32.6	26.2	39.2



#58
4-Methyl-2-Pentanone
Concen: 1.698 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX023613.D
Acq: 09 Aug 2021 14:53

Tgt Ion:	43	Resp:	7689
Ion	Ratio	Lower	Upper
43	100		
58	34.2	30.5	45.7
85	15.7	14.0	21.0

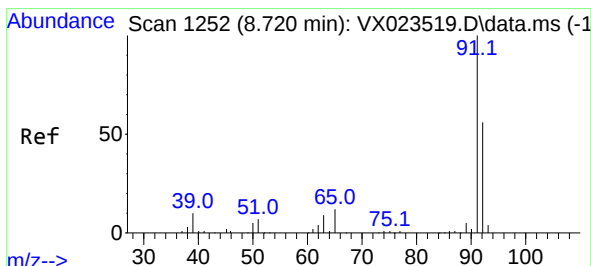
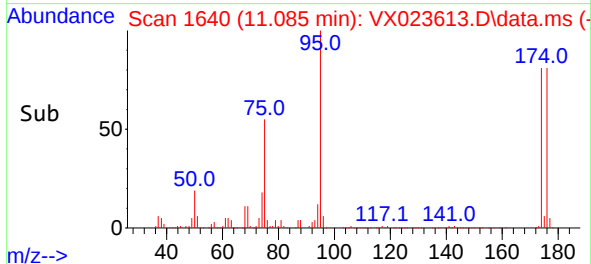
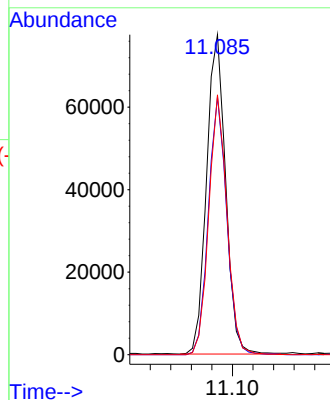
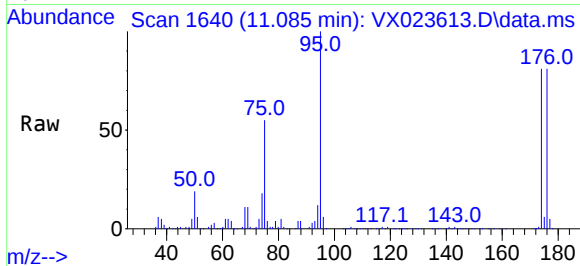




#60
4-Bromofluorobenzene
Concen: 28.943 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023613.D
Acq: 09 Aug 2021 14:53

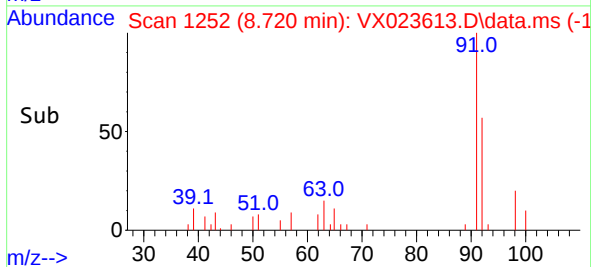
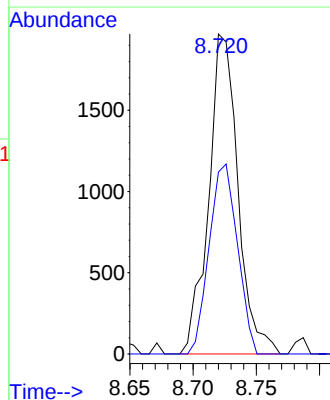
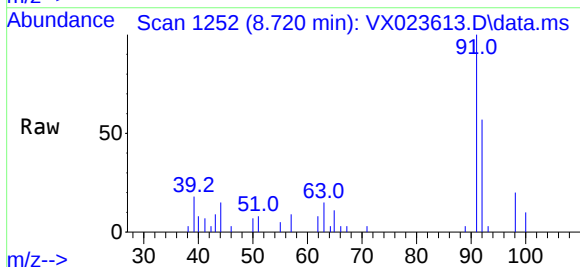
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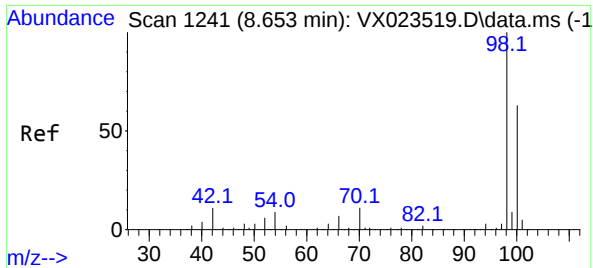
Tgt Ion: 95 Resp: 99604
Ion Ratio Lower Upper
95 100
174 77.9 63.5 95.3
176 77.7 63.0 94.4



#62
Toluene
Concen: 0.268 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX023613.D
Acq: 09 Aug 2021 14:53

Tgt Ion: 91 Resp: 3181
Ion Ratio Lower Upper
91 100
92 57.1 46.5 69.7





#63
Toluene-d8
Concen: 29.657 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023613.D
Acq: 09 Aug 2021 14:53

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

Tgt Ion: 98 Resp: 280430
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0

