

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036431.D
 Acq On : 06 Jul 2023 13:30
 Operator : JC/MD
 Sample : 03509-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-03-G

Quant Time: Jul 07 01:46:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

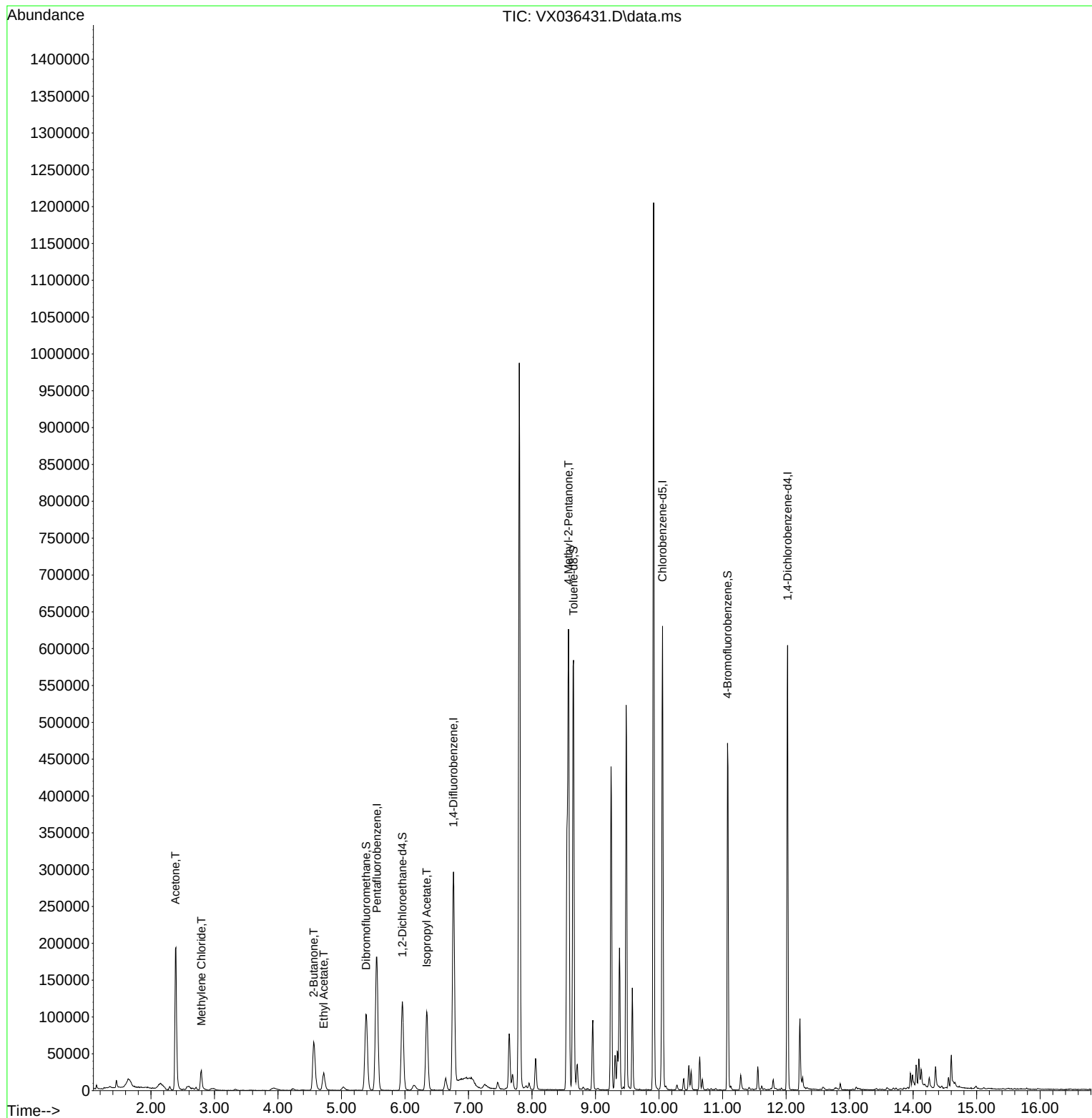
Internal Standards						
1) Pentafluorobenzene	5.556	168	174353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	295872	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113300	45.334	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.660%
35) Dibromofluoromethane	5.385	113	91466	46.884	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.760%
50) Toluene-d8	8.653	98	362028	49.684	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.360%
62) 4-Bromofluorobenzene	11.079	95	124733	48.599	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.200%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	232142	217.312	ug/l	97
20) Methylene Chloride	2.794	84	13051	5.674	ug/l #	94
25) 2-Butanone	4.562	43	117207	76.364	ug/l	94
37) Ethyl Acetate	4.720	43	40885	13.794	ug/l	97
43) Isopropyl Acetate	6.342	43	146952	31.079	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	461931	151.638	ug/l	89

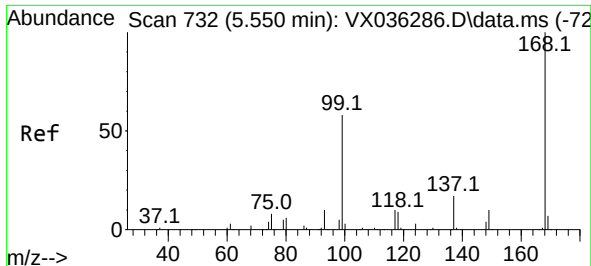
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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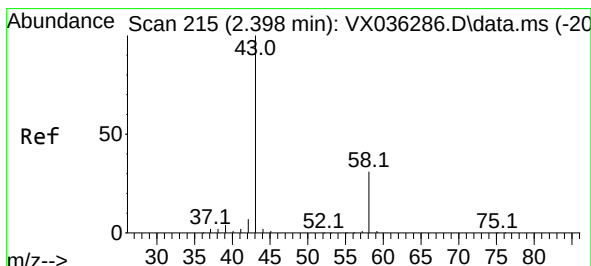
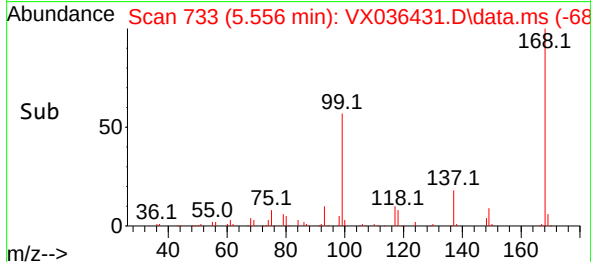
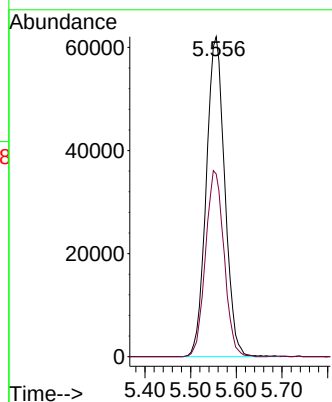
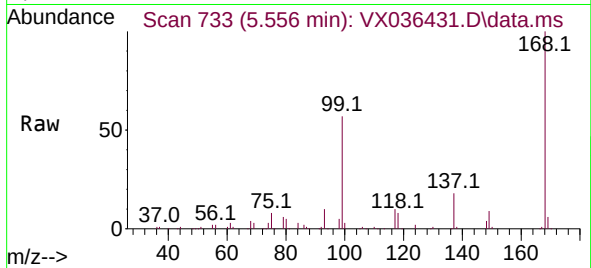




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036431.D
Acq: 06 Jul 2023 13:30

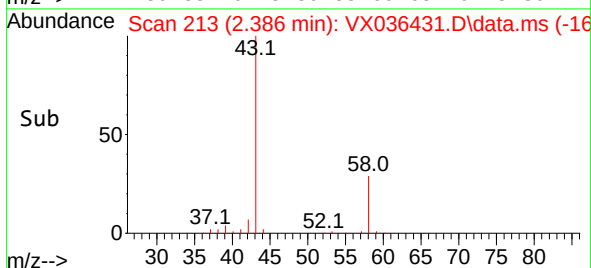
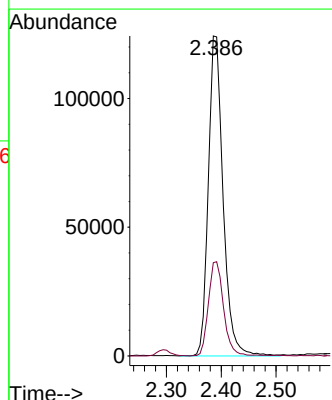
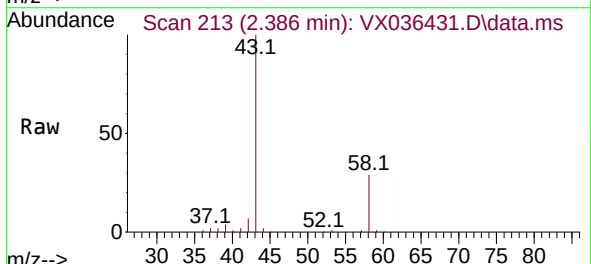
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-03-G

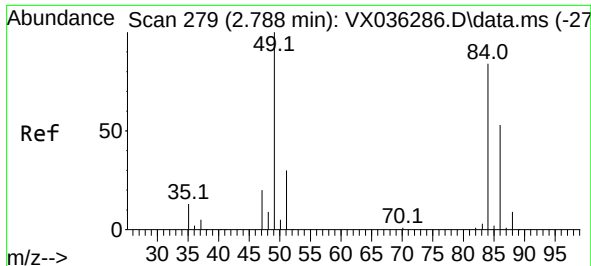
Tgt Ion:168 Resp: 174353
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0



#16
Acetone
Concen: 217.312 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036431.D
Acq: 06 Jul 2023 13:30

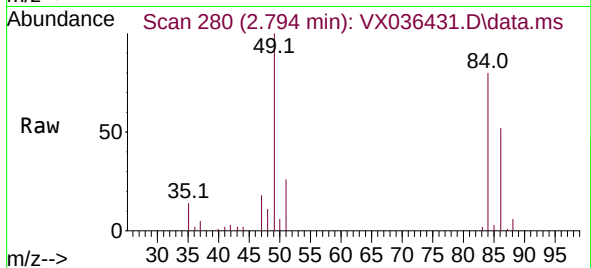
Tgt Ion: 43 Resp: 232142
Ion Ratio Lower Upper
43 100
58 29.0 21.9 32.9



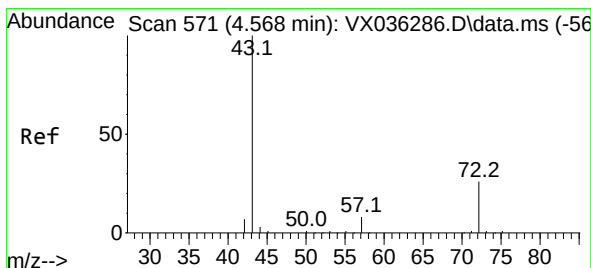
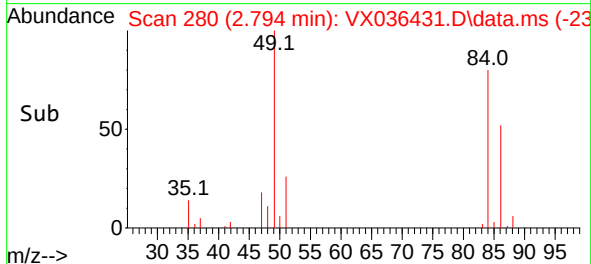
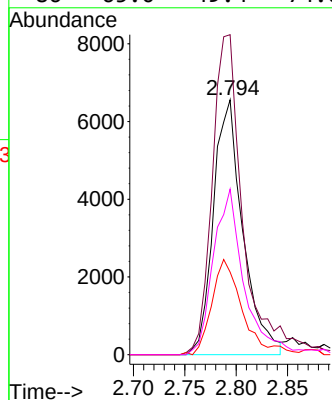


#20
Methylene Chloride
Concen: 5.674 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036431.D
Acq: 06 Jul 2023 13:30

Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-03-G

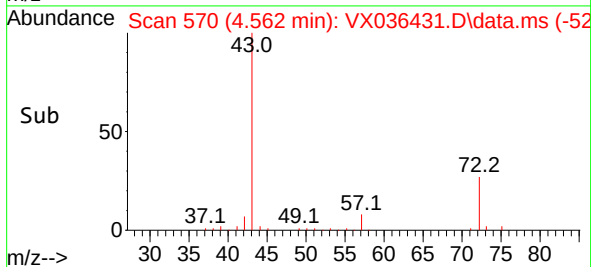
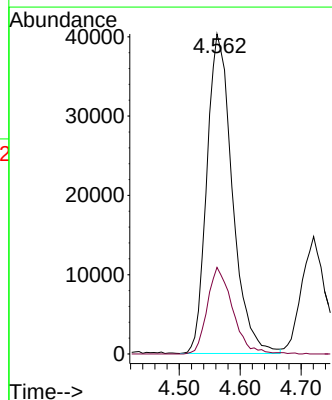
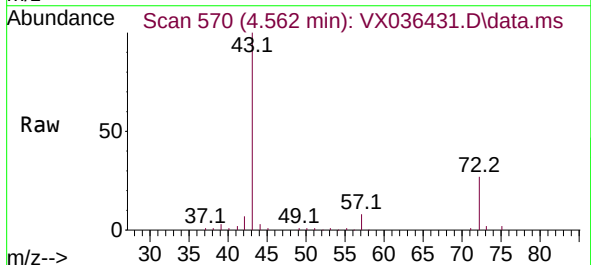


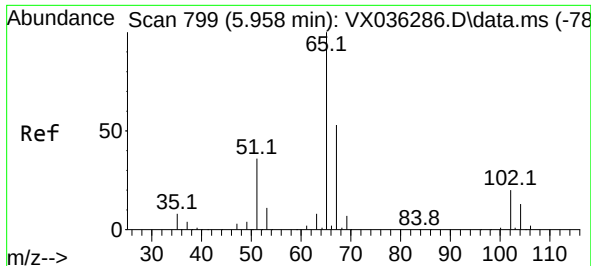
Tgt Ion: 84	Resp: 13051
Ion Ratio	Lower Upper
84	100
49	125.5 103.6 155.4
51	32.4 33.8 50.6#
86	65.0 49.4 74.0



#25
2-Butanone
Concen: 76.364 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036431.D
Acq: 06 Jul 2023 13:30

Tgt Ion: 43	Resp: 117207
Ion Ratio	Lower Upper
43	100
72	27.1 19.4 29.2

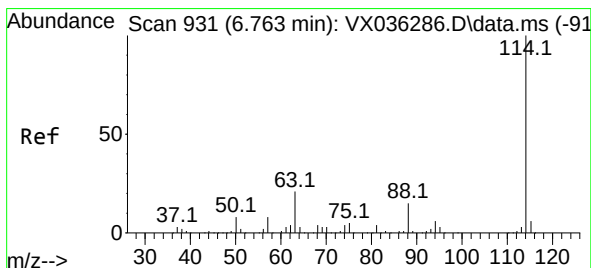
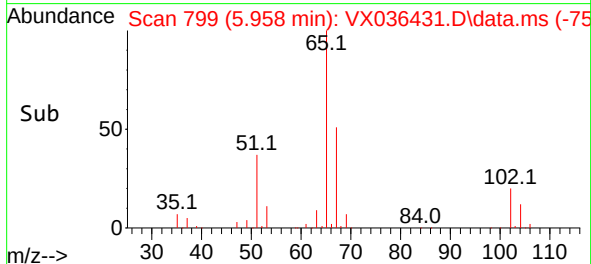
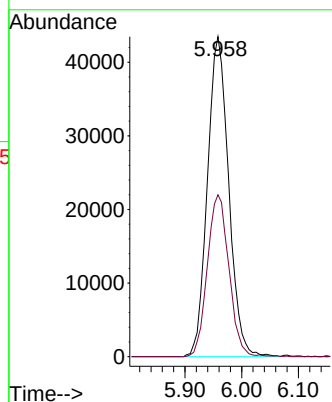
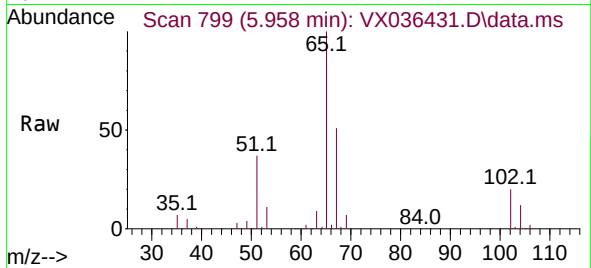




#33
 1,2-Dichloroethane-d4
 Concen: 45.334 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036431.D
 Acq: 06 Jul 2023 13:30

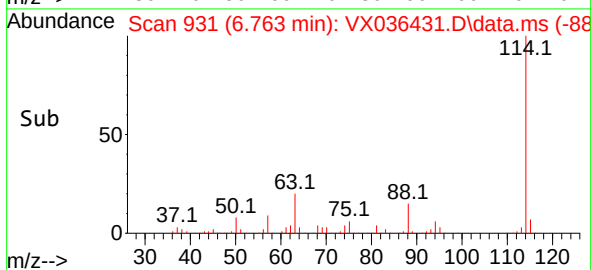
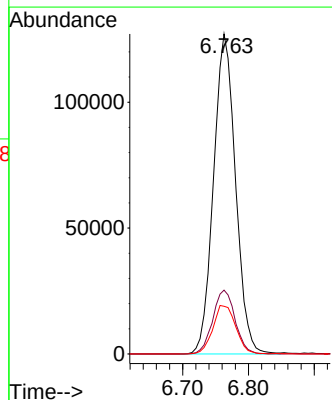
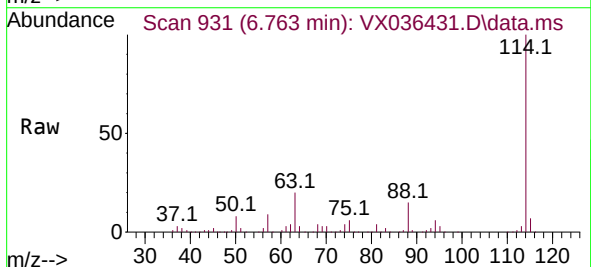
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-03-G

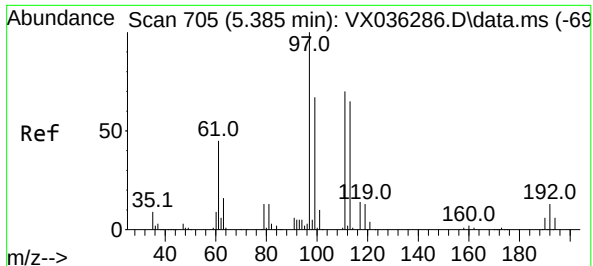
Tgt Ion: 65 Resp: 113300
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036431.D
 Acq: 06 Jul 2023 13:30

Tgt Ion: 114 Resp: 295872
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 45.0
 88 14.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.884 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036431.D

Acq: 06 Jul 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :

WC-WWS-03-G

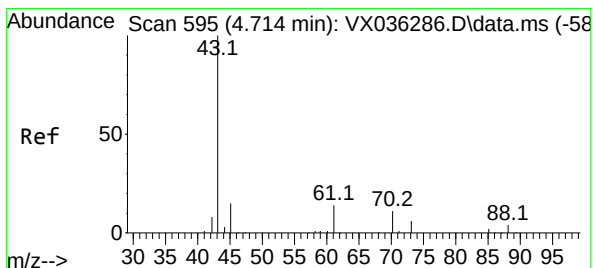
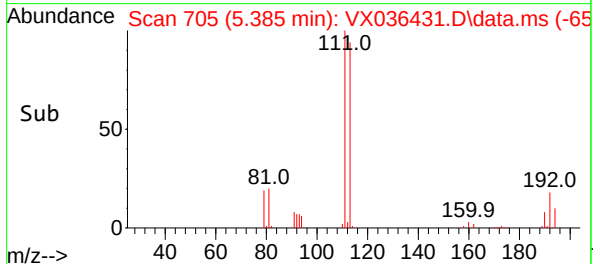
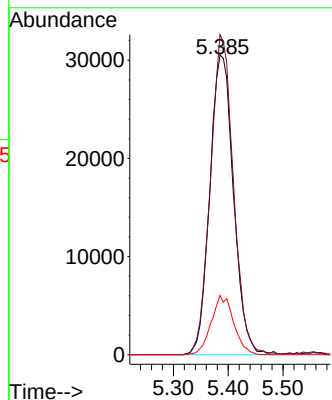
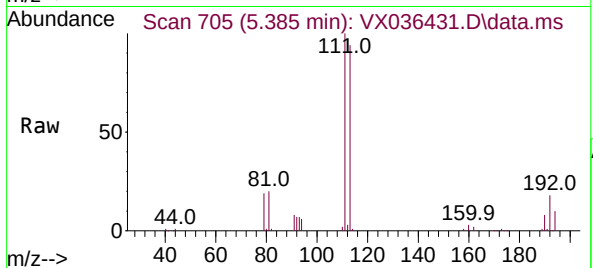
Tgt Ion:113 Resp: 91466

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

192 18.8 13.3 19.9



#37

Ethyl Acetate

Concen: 13.794 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX036431.D

Acq: 06 Jul 2023 13:30

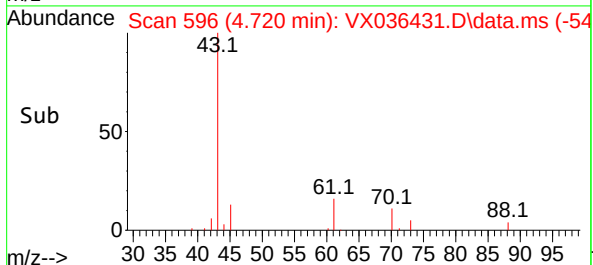
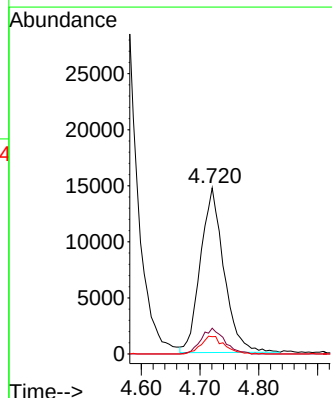
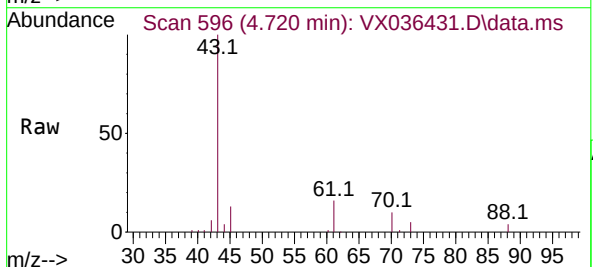
Tgt Ion: 43 Resp: 40885

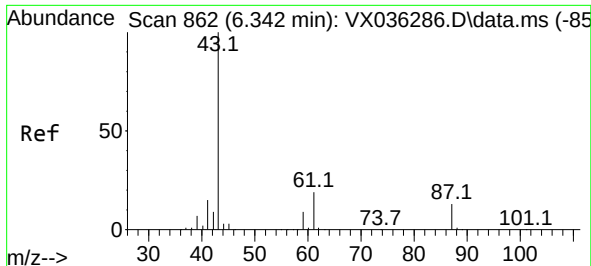
Ion Ratio Lower Upper

43 100

61 15.5 10.6 16.0

70 10.6 8.3 12.5

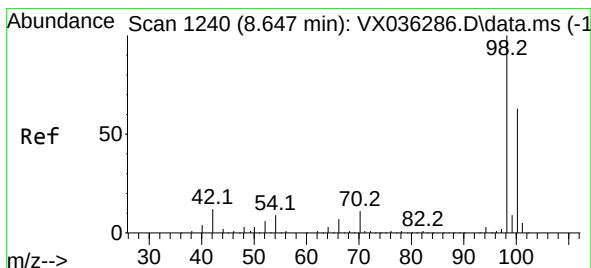
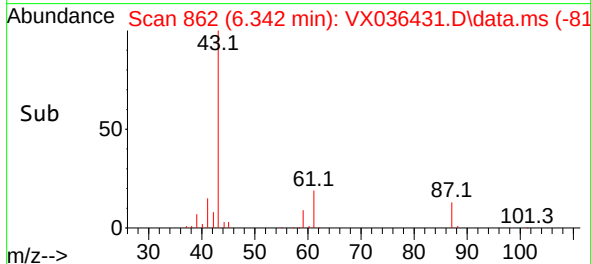
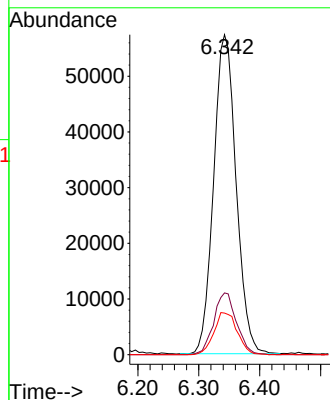
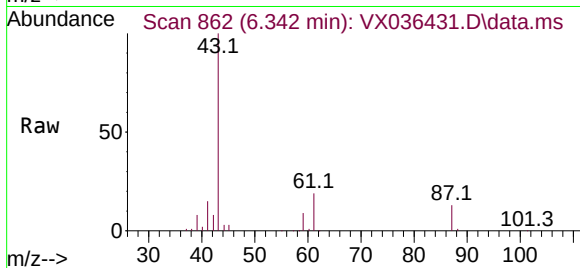




#43
Isopropyl Acetate
Concen: 31.079 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036431.D
Acq: 06 Jul 2023 13:30

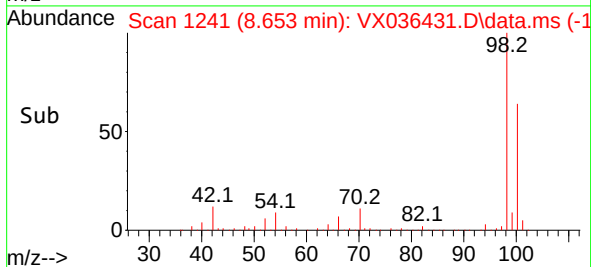
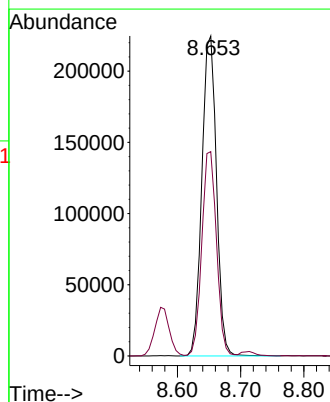
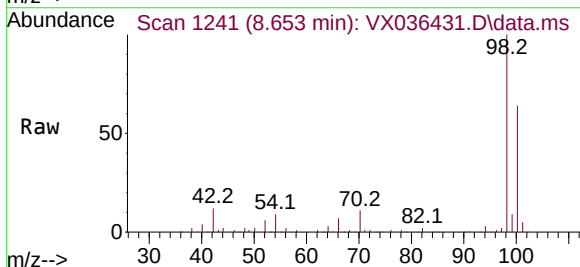
Instrument :
MSVOA_X
ClientSampleId :
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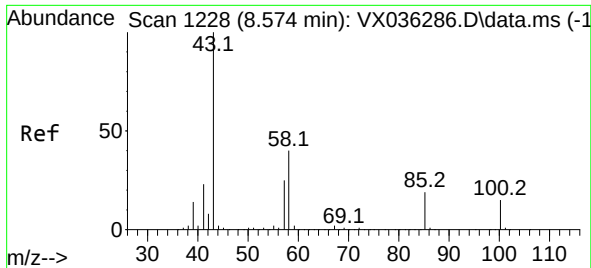
Tgt Ion: 43 Resp: 146952
Ion Ratio Lower Upper
43 100
61 19.6 15.2 22.8
87 13.7 9.8 14.6



#50
Toluene-d8
Concen: 49.684 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036431.D
Acq: 06 Jul 2023 13:30

Tgt Ion: 98 Resp: 362028
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

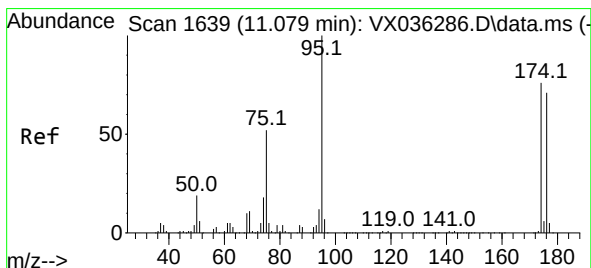
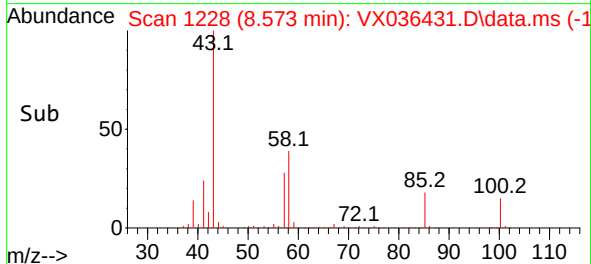
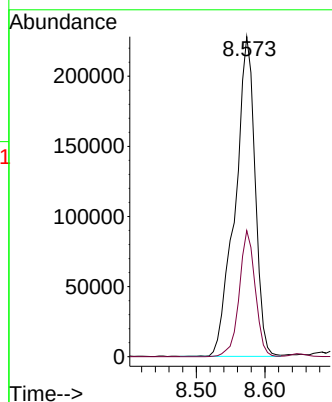
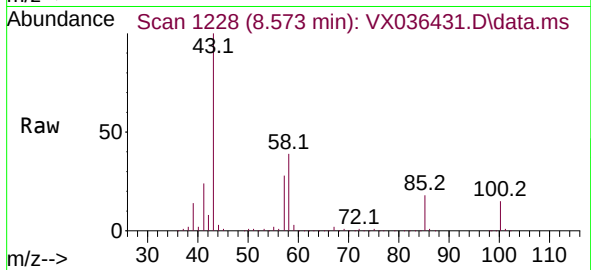




#51
4-Methyl-2-Pentanone
Concen: 151.638 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036431.D
Acq: 06 Jul 2023 13:30

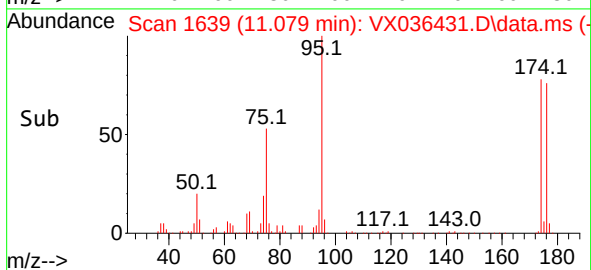
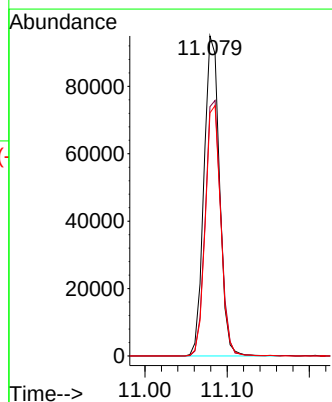
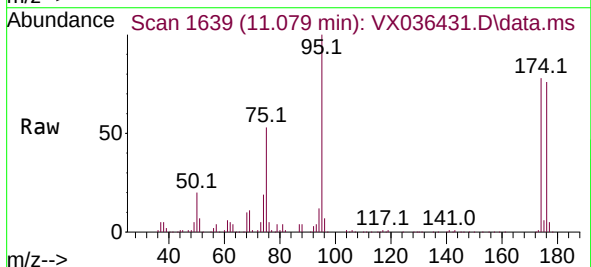
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WC-WWS-03-G

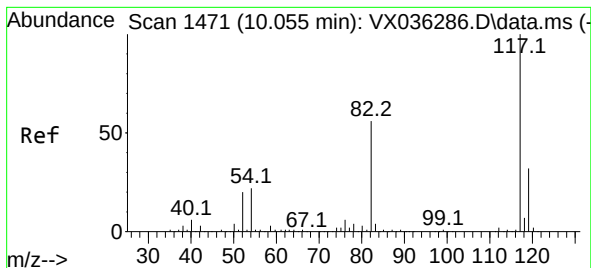
Tgt Ion: 43 Resp: 461931
Ion Ratio Lower Upper
43 100
58 31.7 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 48.599 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036431.D
Acq: 06 Jul 2023 13:30

Tgt Ion: 95 Resp: 124733
Ion Ratio Lower Upper
95 100
174 79.8 0.0 135.6
176 77.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX036431.D

Acq: 06 Jul 2023 13:30

Instrument :

MSVOA_X

ClientSampleId :

WC-WWS-03-G

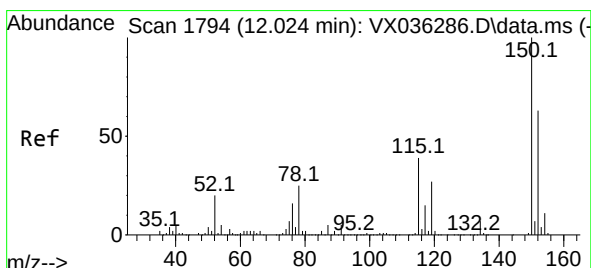
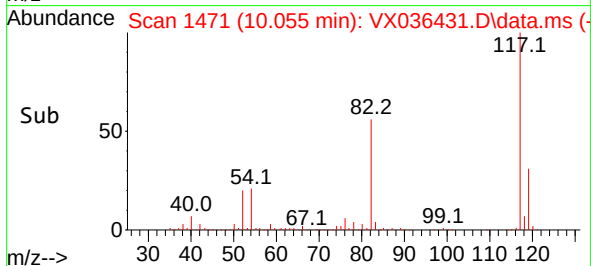
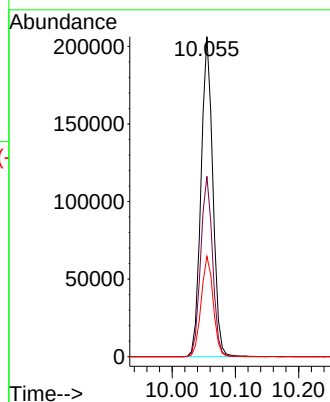
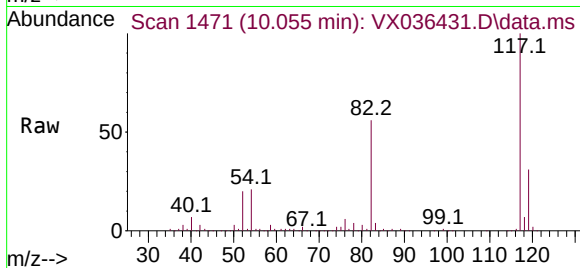
Tgt Ion:117 Resp: 268001

Ion Ratio Lower Upper

117 100

82 56.4 46.2 69.4

119 31.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036431.D

Acq: 06 Jul 2023 13:30

Tgt Ion:152 Resp: 121538

Ion Ratio Lower Upper

152 100

115 58.8 43.3 129.9

150 156.2 0.0 345.0

