

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036437.D
 Acq On : 06 Jul 2023 15:53
 Operator : JC/MD
 Sample : 03510-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-11-G

Quant Time: Jul 07 01:49:15 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)

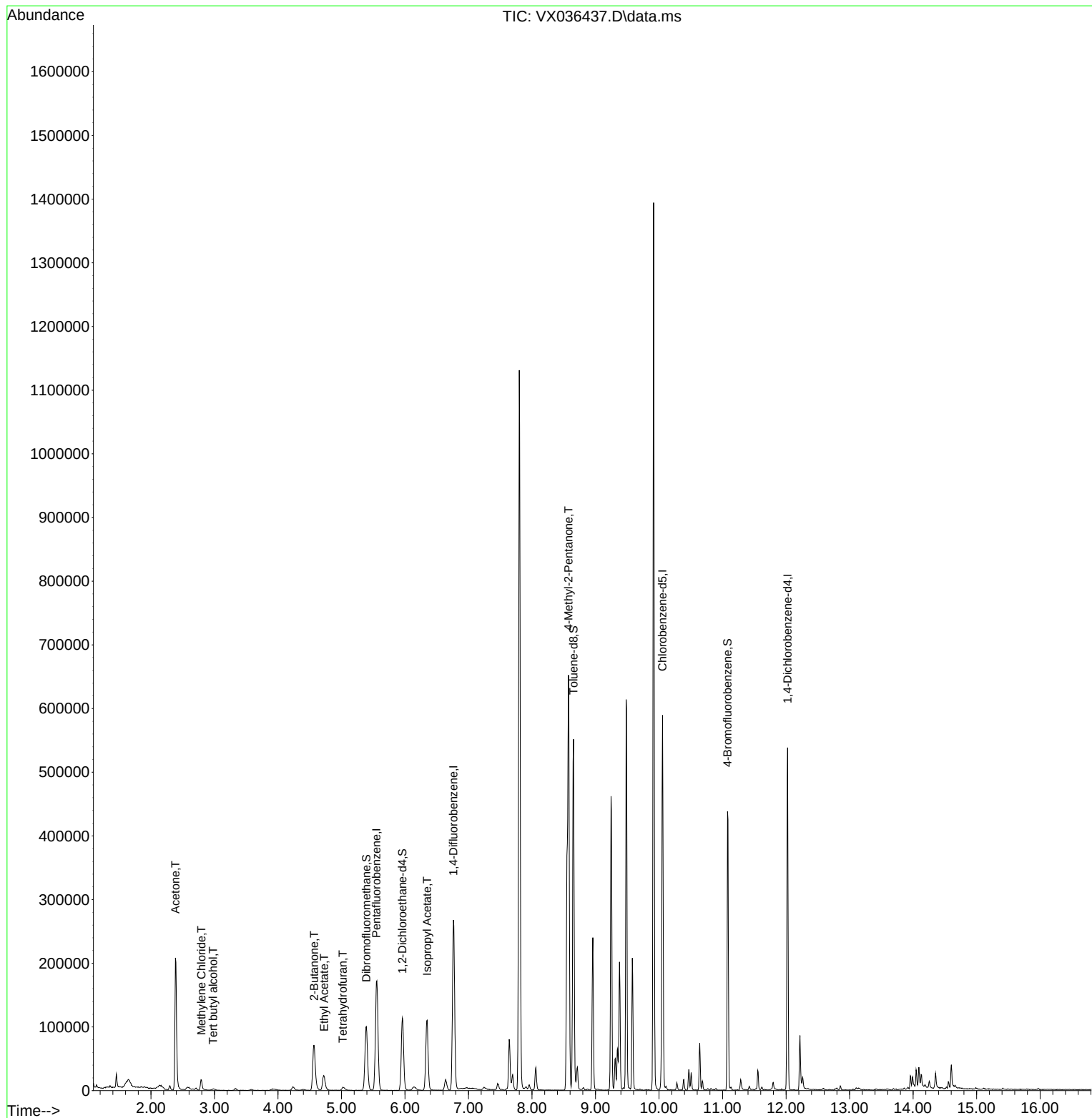
Internal Standards						
1) Pentafluorobenzene	5.549	168	163795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	274824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106934	45.545	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	91.080%	
35) Dibromofluoromethane	5.391	113	87394	48.228	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.460%	
50) Toluene-d8	8.652	98	331890	49.036	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.080%	
62) 4-Bromofluorobenzene	11.079	95	116317	48.791	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	4243	9.928	ug/l #	93
16) Acetone	2.385	43	243638	242.775	ug/l	92
20) Methylene Chloride	2.794	84	8877	4.108	ug/l #	84
25) 2-Butanone	4.568	43	127873	88.683	ug/l	96
29) Tetrahydrofuran	5.019	42	4725	5.147	ug/l	90
37) Ethyl Acetate	4.726	43	42220	15.336	ug/l	96
43) Isopropyl Acetate	6.348	43	153797	35.018	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	484869	171.358	ug/l	89

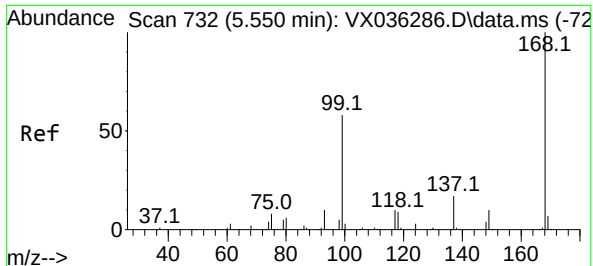
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
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Sample : 03510-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

Quant Time: Jul 07 01:49:15 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

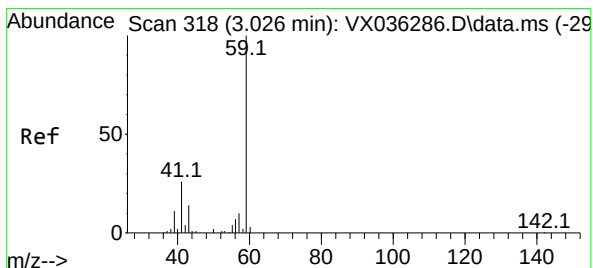
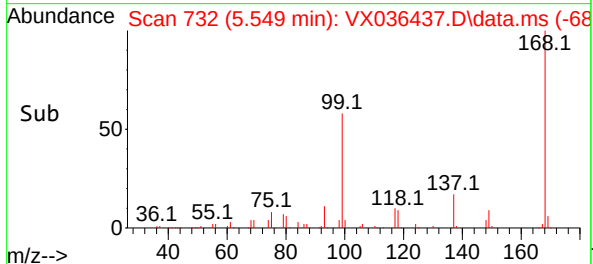
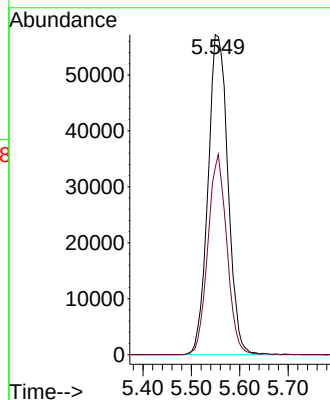
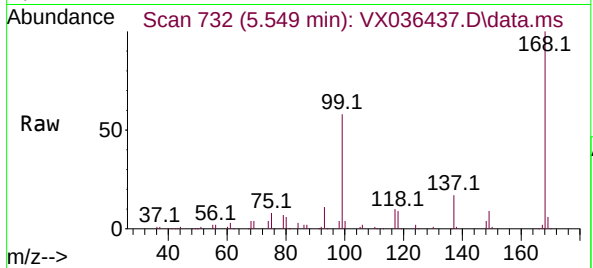




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

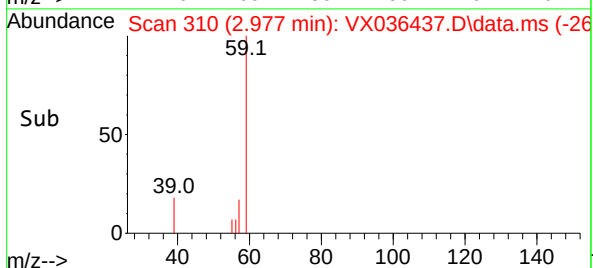
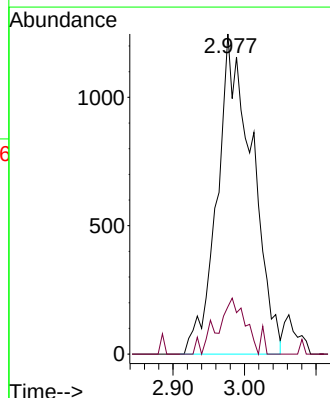
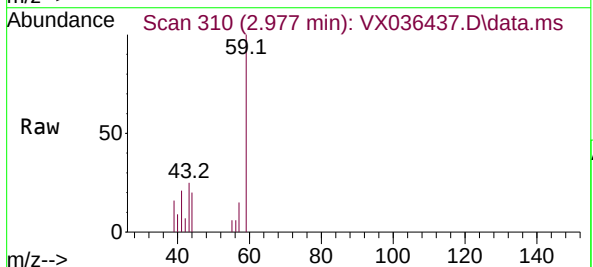
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

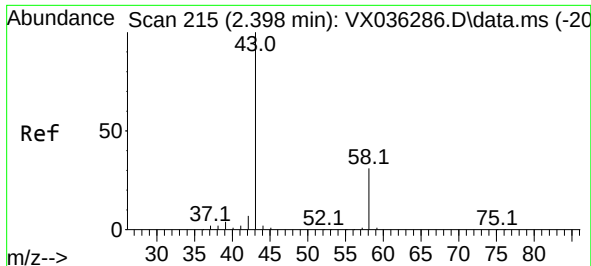
Tgt Ion:168 Resp: 163795
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 9.928 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.036 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 59 Resp: 4243
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0#

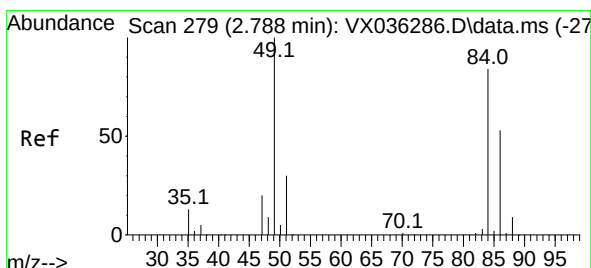
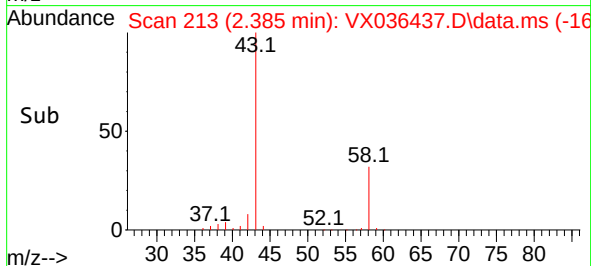
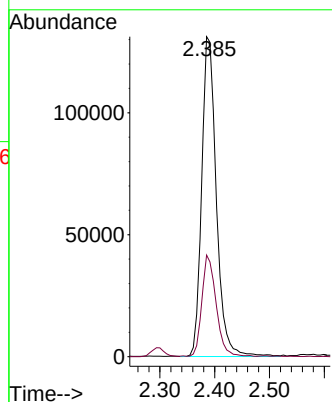
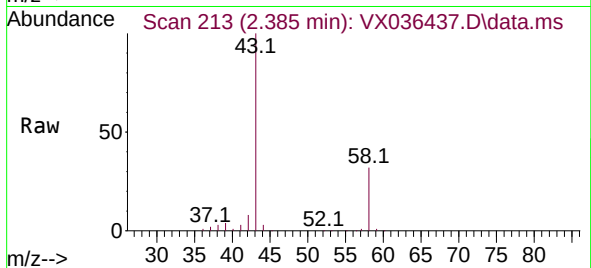




#16
Acetone
Concen: 242.775 ug/l
RT: 2.385 min Scan# 21
Delta R.T. -0.019 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

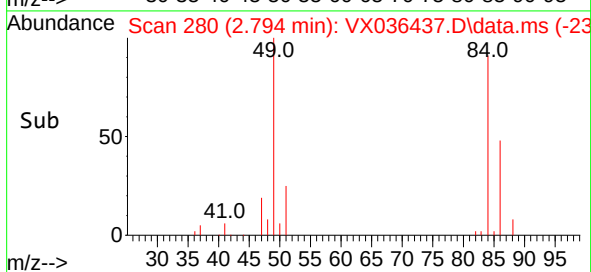
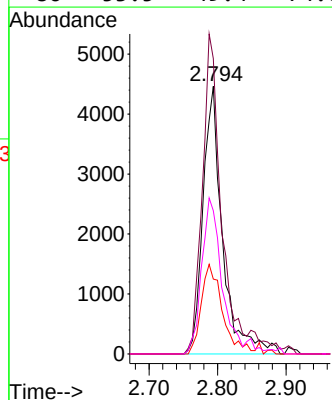
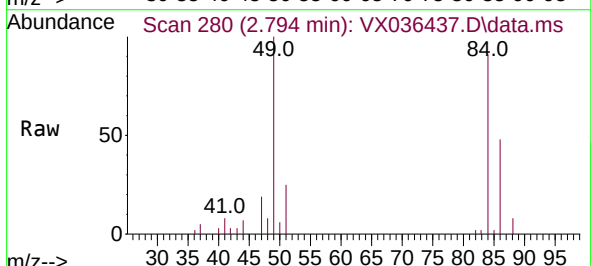
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

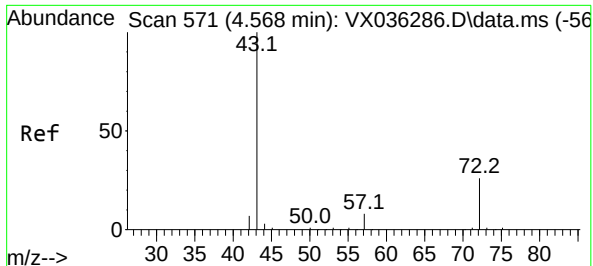
Tgt Ion: 43 Resp: 243638
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9



#20
Methylene Chloride
Concen: 4.108 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 84 Resp: 8877
Ion Ratio Lower Upper
84 100
49 110.3 103.6 155.4
51 28.0 33.8 50.6#
86 53.5 49.4 74.0





#25

2-Butanone

Concen: 88.683 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX036437.D

Acq: 06 Jul 2023 15:53

Instrument :

MSVOA_X

ClientSampleId :

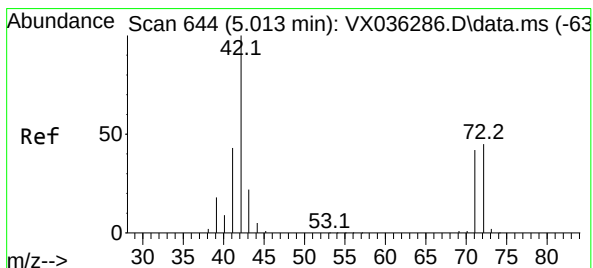
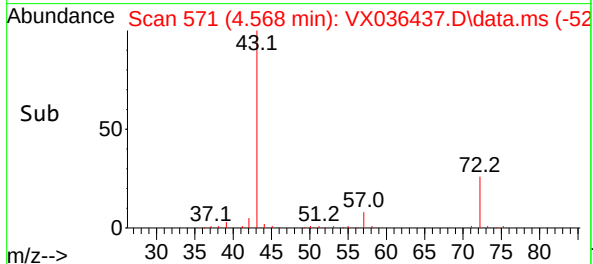
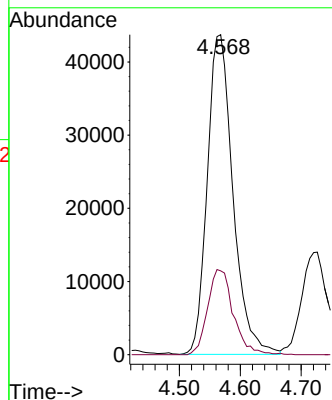
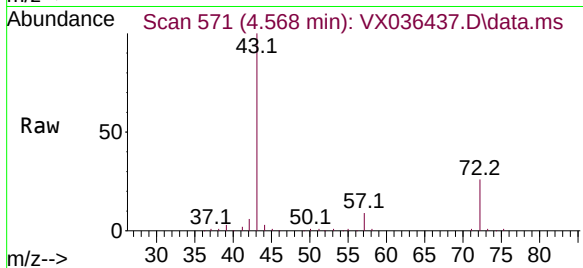
WC-WWS-11-G

Tgt Ion: 43 Resp: 127873

Ion Ratio Lower Upper

43 100

72 26.2 19.4 29.2



#29

Tetrahydrofuran

Concen: 5.147 ug/l

RT: 5.019 min Scan# 645

Delta R.T. -0.000 min

Lab File: VX036437.D

Acq: 06 Jul 2023 15:53

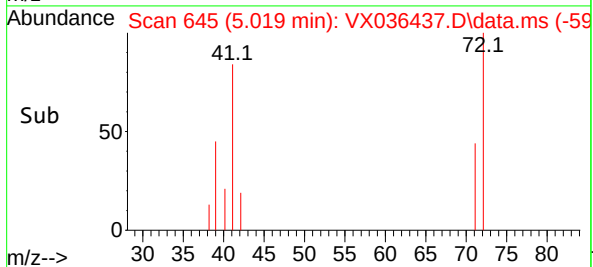
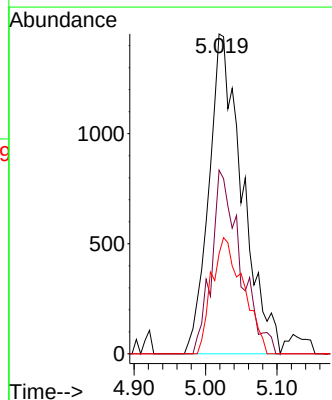
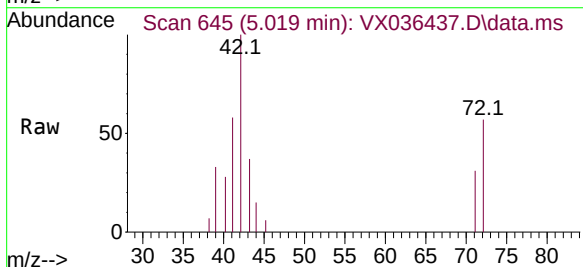
Tgt Ion: 42 Resp: 4725

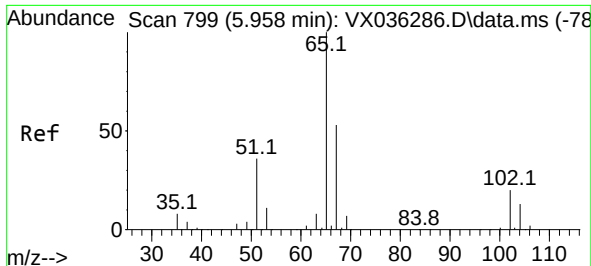
Ion Ratio Lower Upper

42 100

72 49.4 34.2 51.4

71 34.2 32.2 48.2

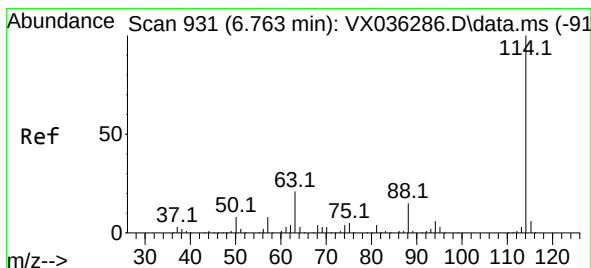
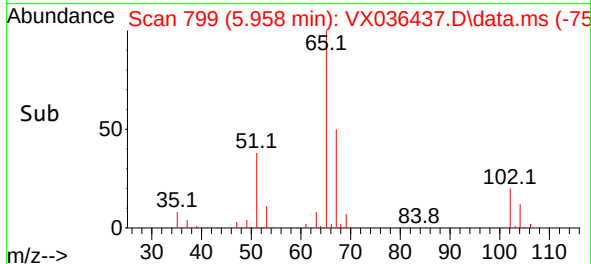
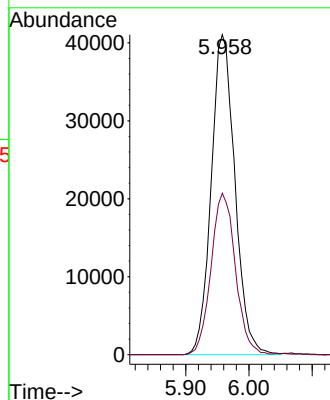
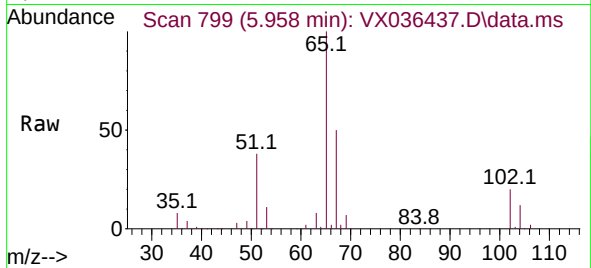




#33
 1,2-Dichloroethane-d4
 Concen: 45.545 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX036437.D
 Acq: 06 Jul 2023 15:53

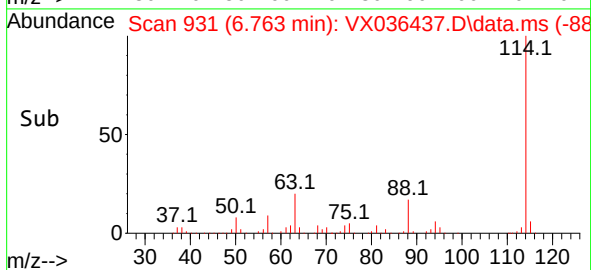
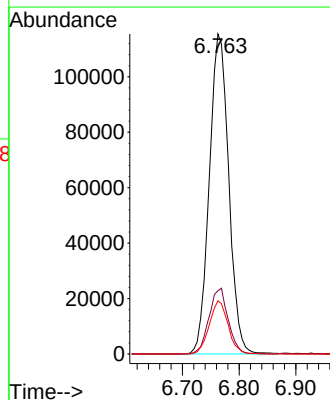
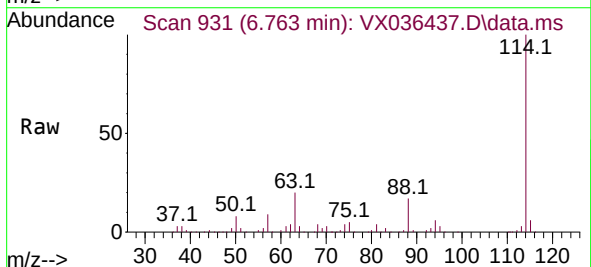
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-11-G

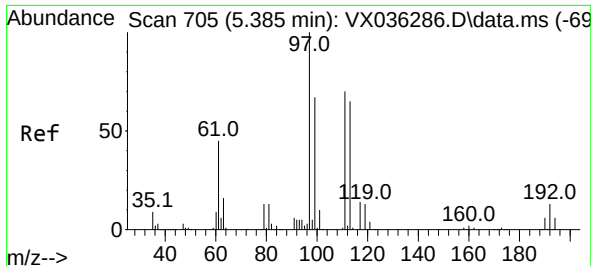
Tgt Ion: 65 Resp: 106934
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036437.D
 Acq: 06 Jul 2023 15:53

Tgt Ion: 114 Resp: 274824
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 45.0
 88 16.6 0.0 36.6

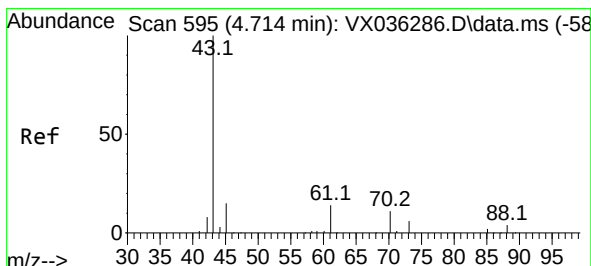
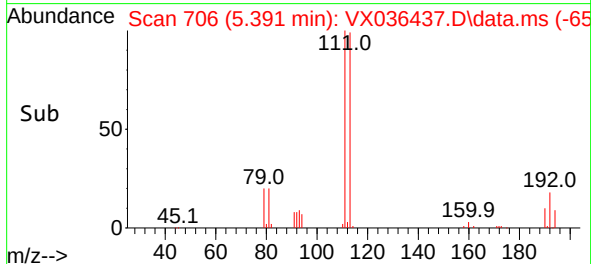
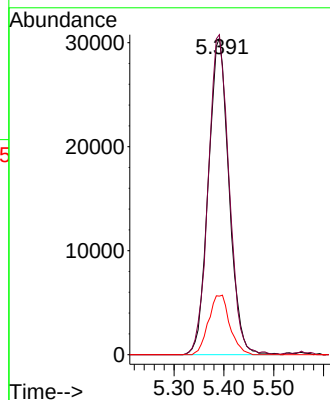
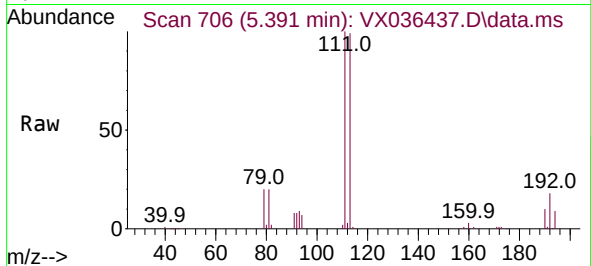




#35
Dibromofluoromethane
Concen: 48.228 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

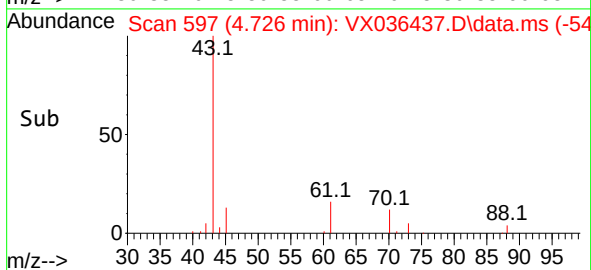
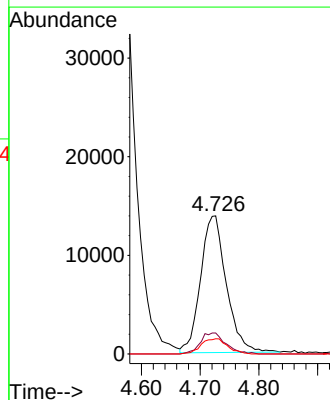
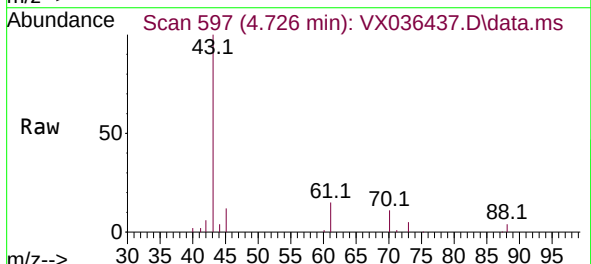
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

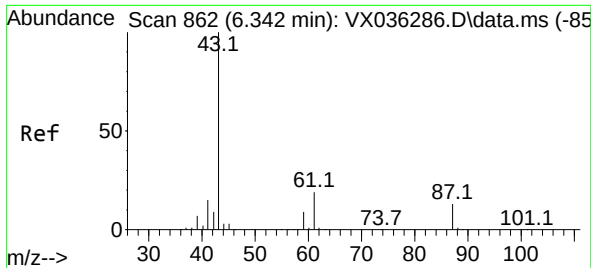
Tgt Ion:113 Resp: 87394
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.3 13.3 19.9



#37
Ethyl Acetate
Concen: 15.336 ug/l
RT: 4.726 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 43 Resp: 42220
Ion Ratio Lower Upper
43 100
61 15.2 10.6 16.0
70 11.4 8.3 12.5

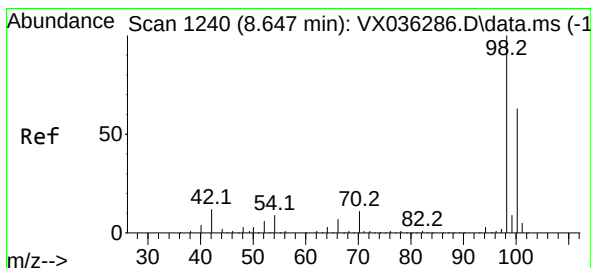
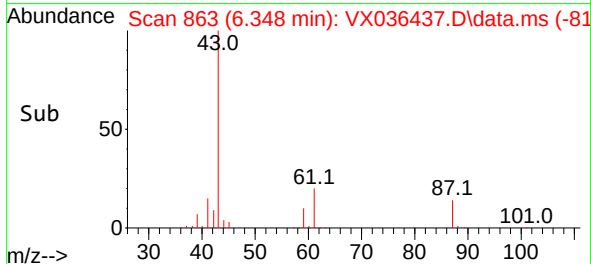
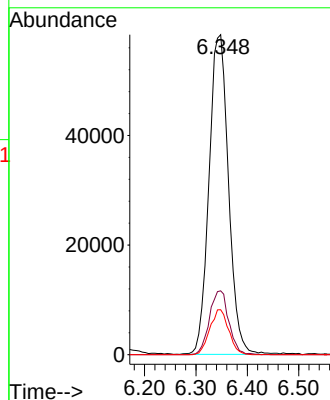
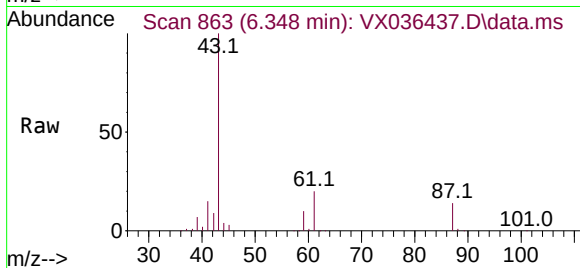




#43
Isopropyl Acetate
Concen: 35.018 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

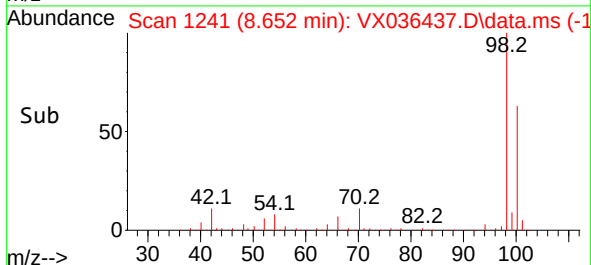
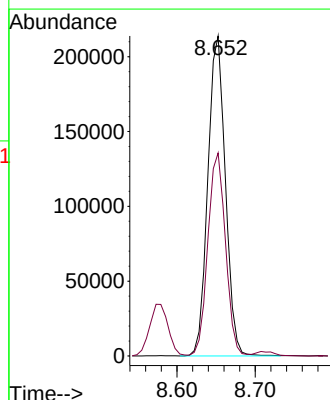
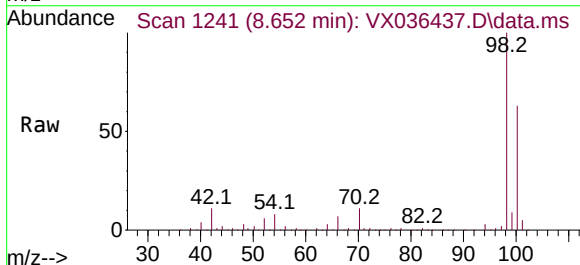
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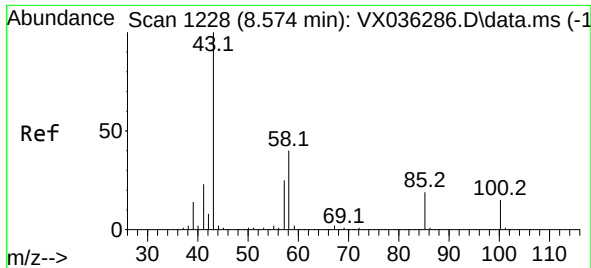
Tgt Ion: 43 Resp: 153797
Ion Ratio Lower Upper
43 100
61 19.8 15.2 22.8
87 13.6 9.8 14.6



#50
Toluene-d8
Concen: 49.036 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 98 Resp: 331890
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

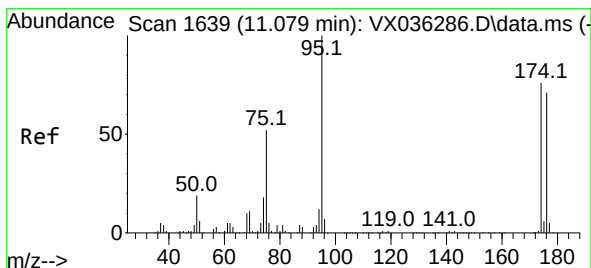
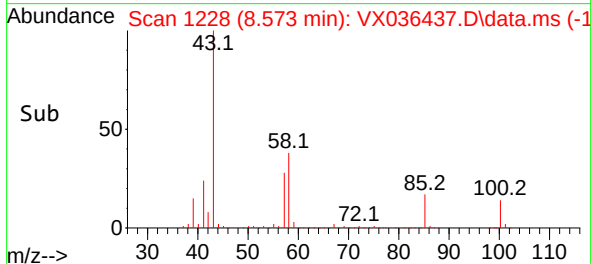
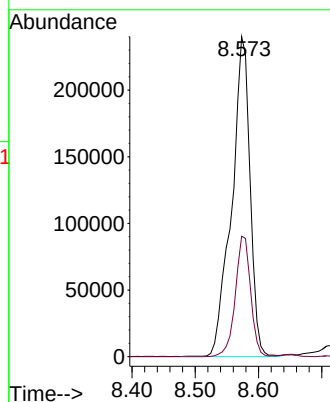
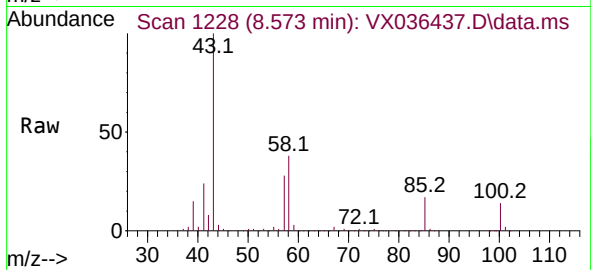




#51
4-Methyl-2-Pentanone
Concen: 171.358 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

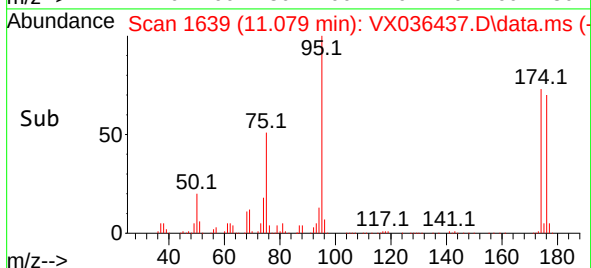
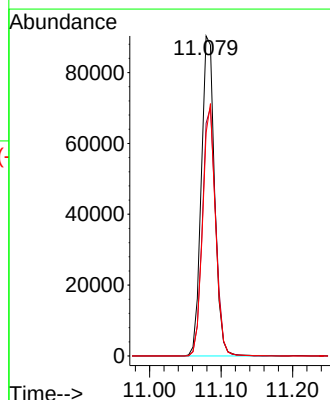
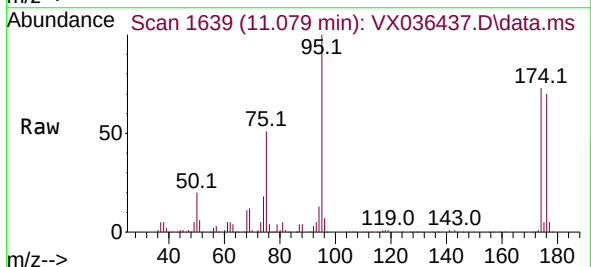
Instrument :
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WC-WWS-11-G

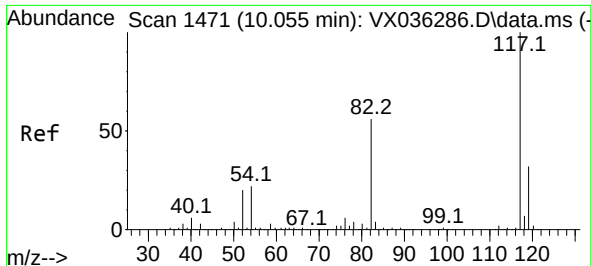
Tgt Ion: 43 Resp: 484869
Ion Ratio Lower Upper
43 100
58 31.5 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 48.791 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion: 95 Resp: 116317
Ion Ratio Lower Upper
95 100
174 77.8 0.0 135.6
176 76.2 0.0 131.0

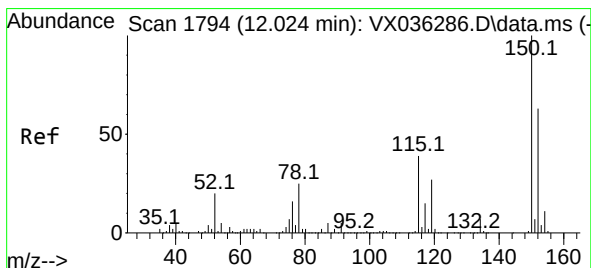
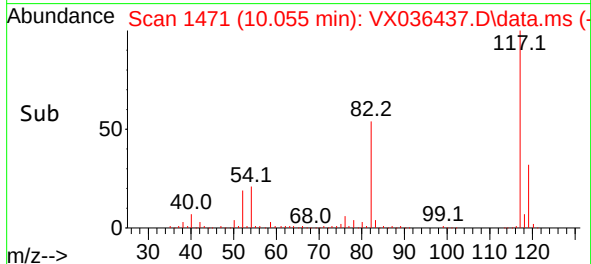
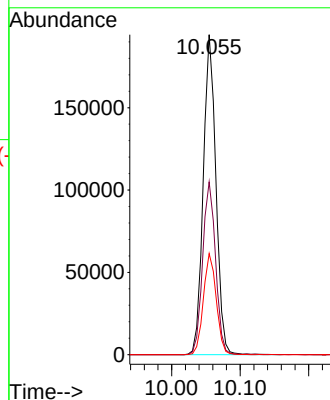
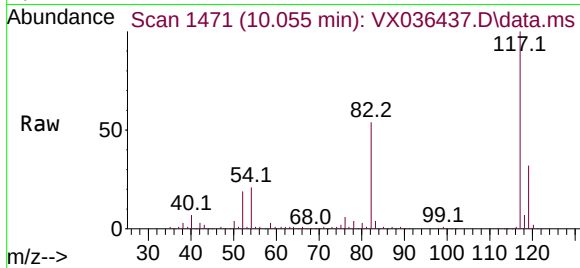




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036437.D
Acq: 06 Jul 2023 15:53

Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-11-G

Tgt Ion:117 Resp: 250443
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 31.6 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: VX036437.D
Acq: 06 Jul 2023 15:53

Tgt Ion:152 Resp: 110511
Ion Ratio Lower Upper
152 100
115 59.4 43.3 129.9
150 157.5 0.0 345.0

