

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036429.D
 Acq On : 06 Jul 2023 12:42
 Operator : JC/MD
 Sample : 03509-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-01-G

Quant Time: Jul 07 01:46:00 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)

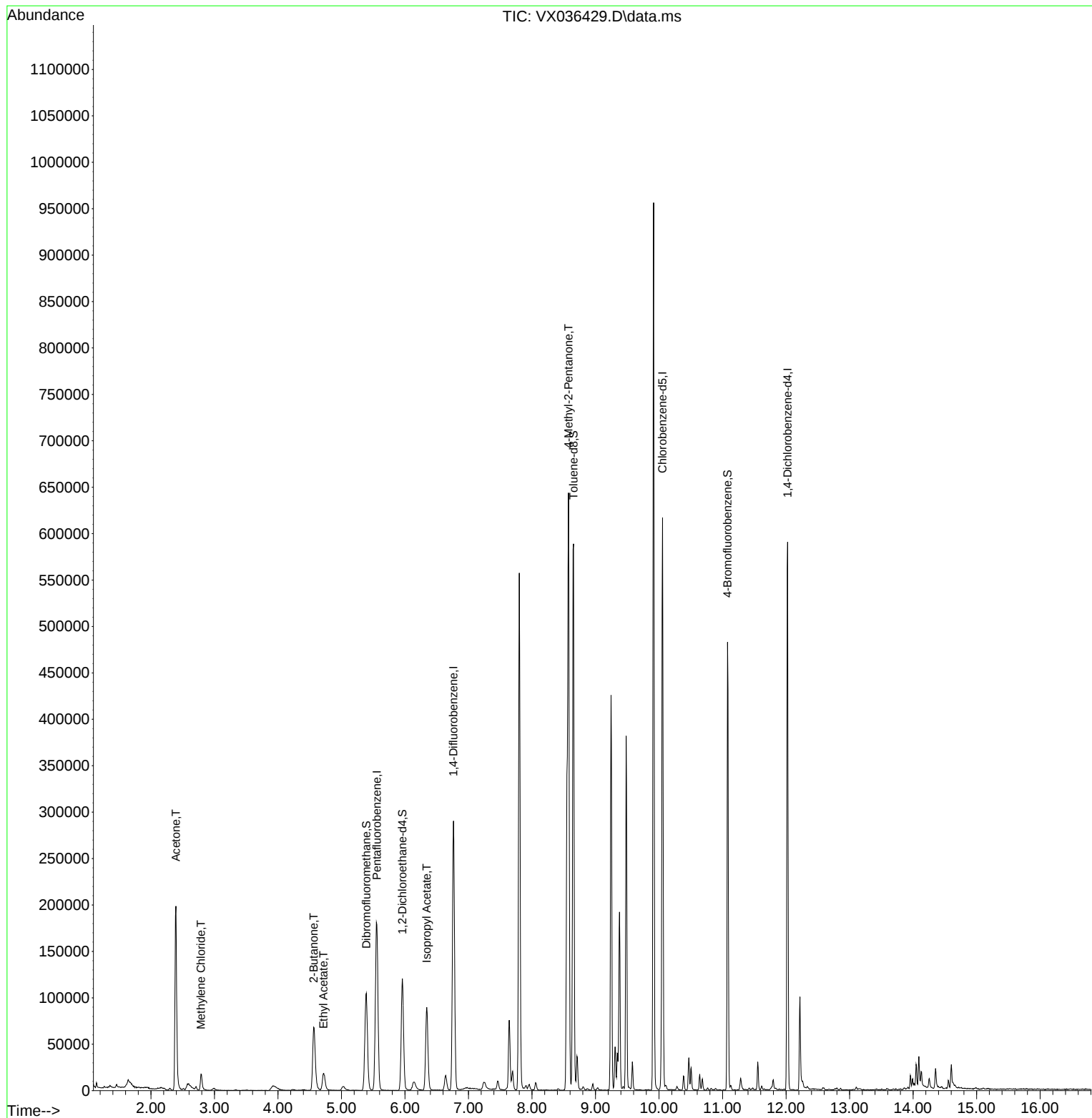
Internal Standards						
1) Pentafluorobenzene	5.556	168	174892	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	295058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112958	45.058	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.120%
35) Dibromofluoromethane	5.391	113	91487	47.024	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.040%
50) Toluene-d8	8.653	98	358160	49.289	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	126840	49.556	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.120%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	238658	222.723	ug/l	91
20) Methylene Chloride	2.788	84	9183	3.980	ug/l	92
25) 2-Butanone	4.562	43	122479	79.553	ug/l	95
37) Ethyl Acetate	4.714	43	35067	11.864	ug/l	98
43) Isopropyl Acetate	6.342	43	123042	26.094	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	461774	152.005	ug/l	89

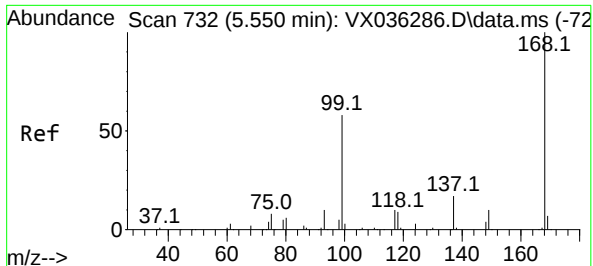
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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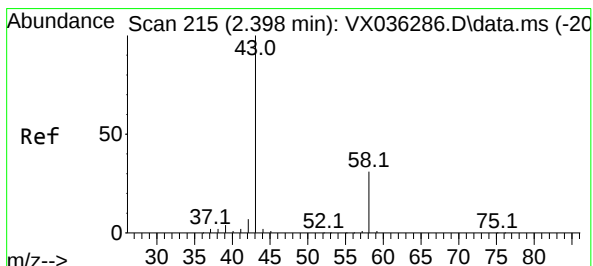
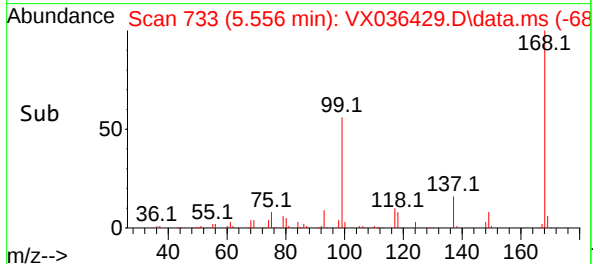
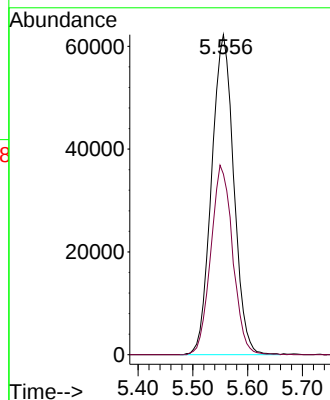
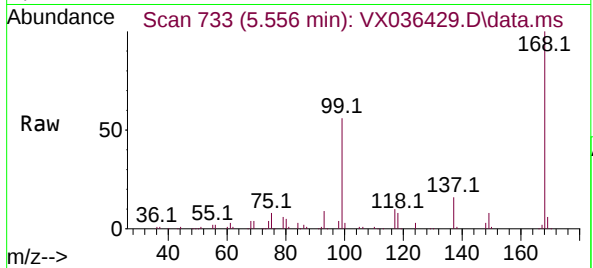




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036429.D
Acq: 06 Jul 2023 12:42

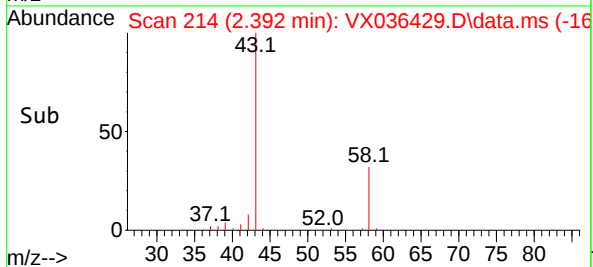
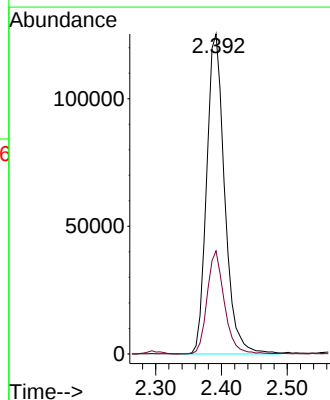
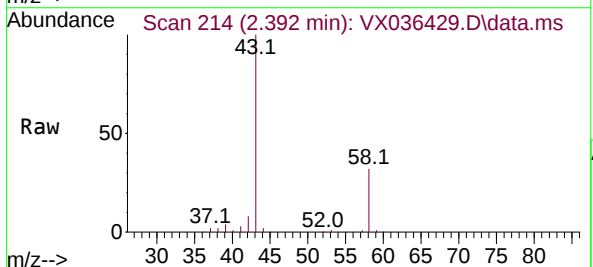
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-01-G

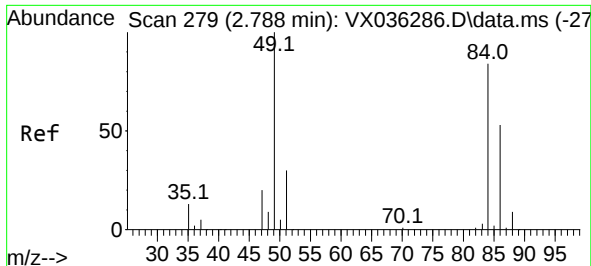
Tgt Ion:168 Resp: 174892
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0#



#16
Acetone
Concen: 222.723 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036429.D
Acq: 06 Jul 2023 12:42

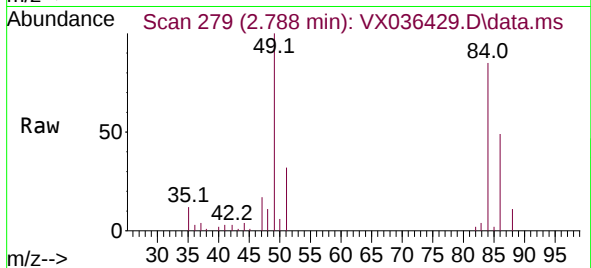
Tgt Ion: 43 Resp: 238658
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9



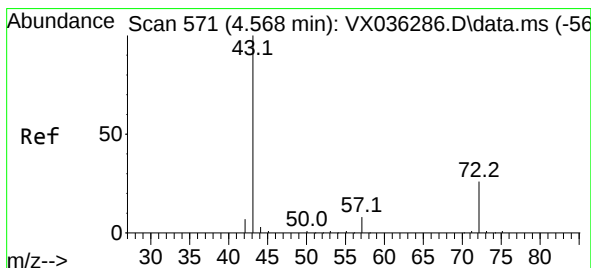
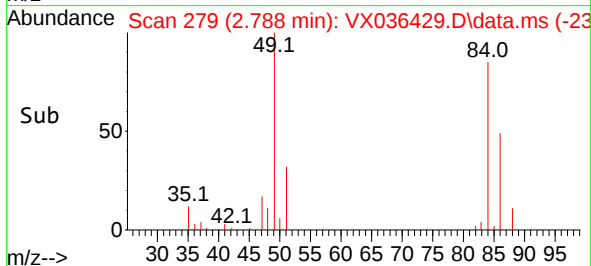
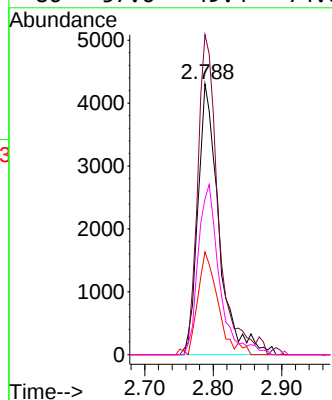


#20
Methylene Chloride
Concen: 3.980 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036429.D
Acq: 06 Jul 2023 12:42

Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-01-G

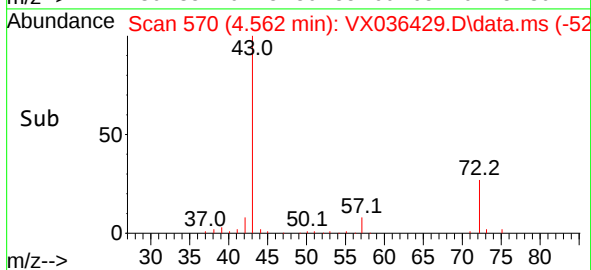
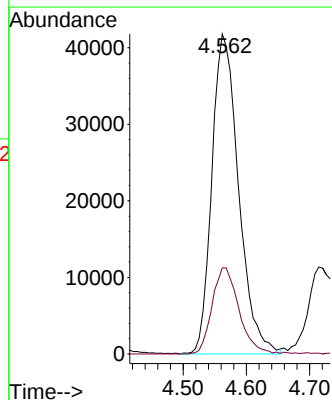
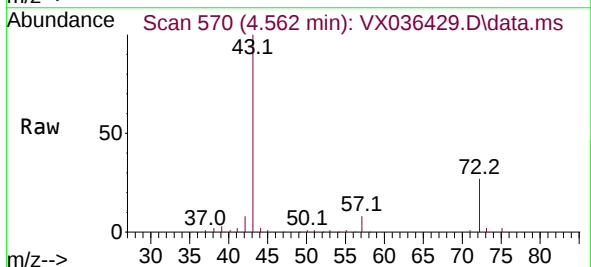


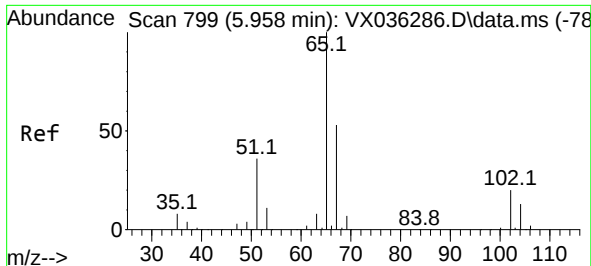
Tgt Ion: 84	Resp: 9183
Ion Ratio	Lower Upper
84 100	
49 118.2	103.6 155.4
51 37.9	33.8 50.6
86 57.6	49.4 74.0



#25
2-Butanone
Concen: 79.553 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036429.D
Acq: 06 Jul 2023 12:42

Tgt Ion: 43	Resp: 122479
Ion Ratio	Lower Upper
43 100	
72 26.9	19.4 29.2

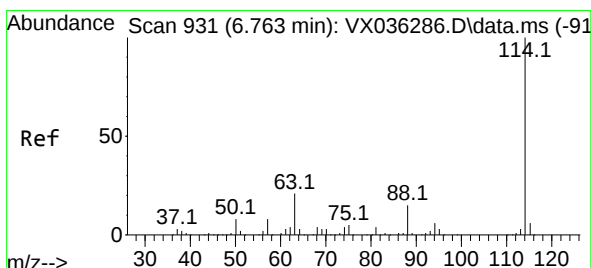
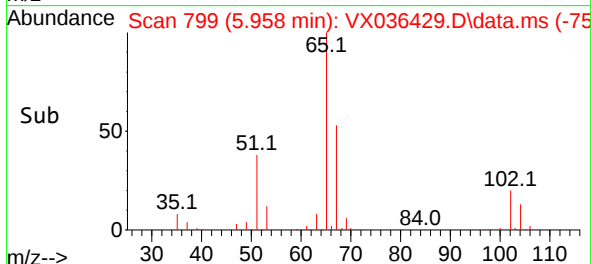
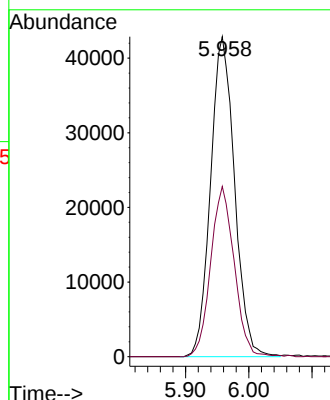
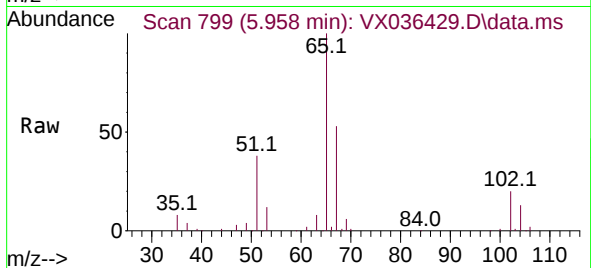




#33
 1,2-Dichloroethane-d4
 Concen: 45.058 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036429.D
 Acq: 06 Jul 2023 12:42

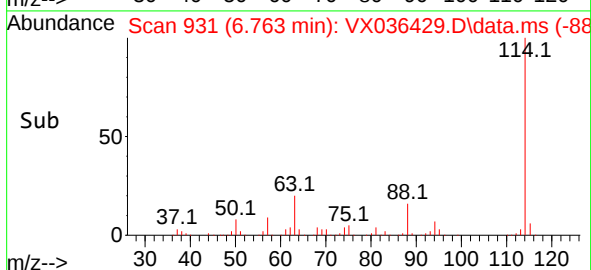
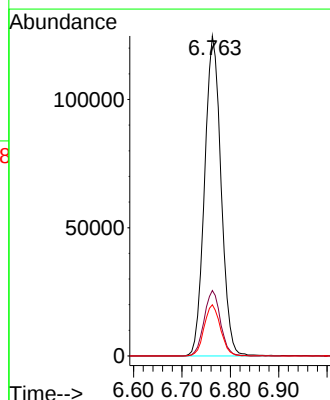
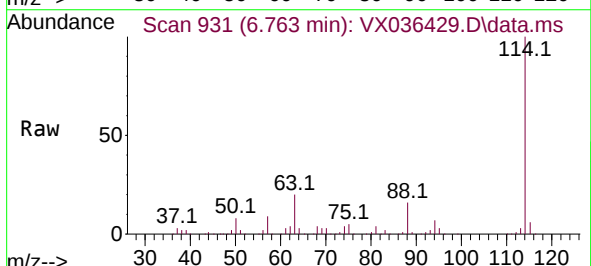
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-01-G

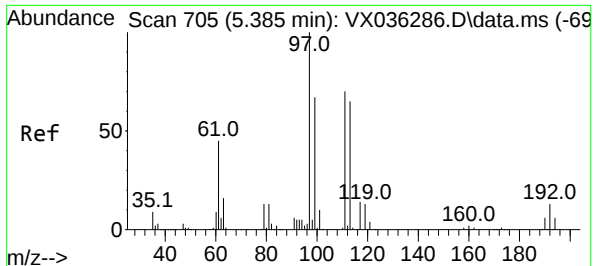
Tgt Ion: 65 Resp: 112958
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036429.D
 Acq: 06 Jul 2023 12:42

Tgt Ion: 114 Resp: 295058
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.0
 88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.024 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036429.D

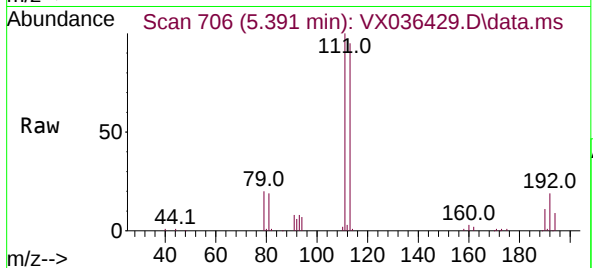
Acq: 06 Jul 2023 12:42

Instrument :

MSVOA_X

ClientSampleId :

WC-WWS-01-G



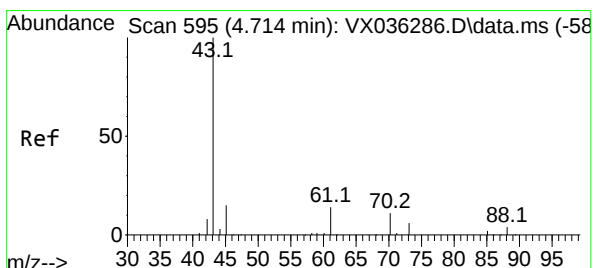
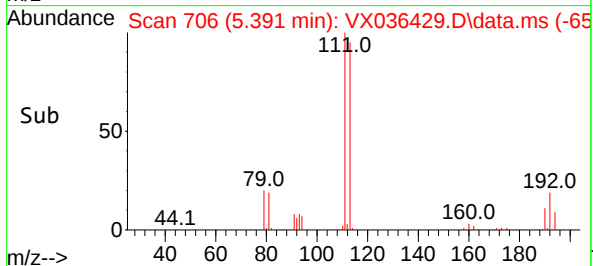
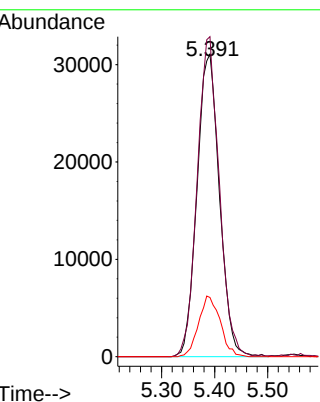
Tgt Ion:113 Resp: 91487

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

192 19.3 13.3 19.9



#37

Ethyl Acetate

Concen: 11.864 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036429.D

Acq: 06 Jul 2023 12:42

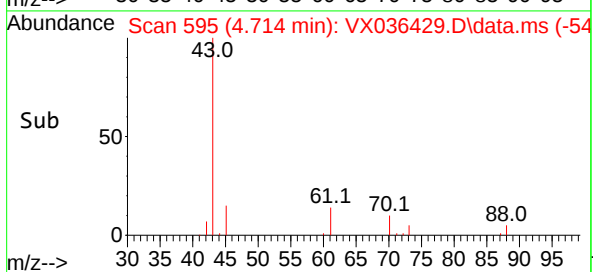
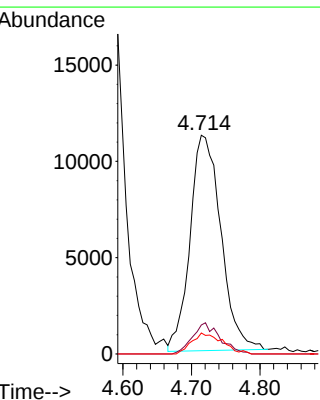
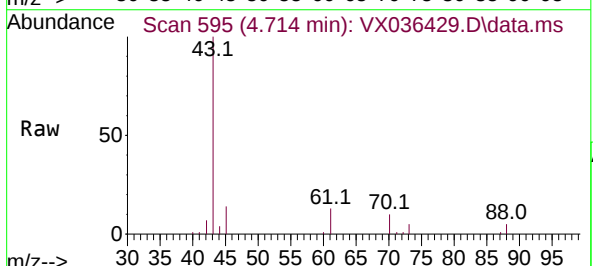
Tgt Ion: 43 Resp: 35067

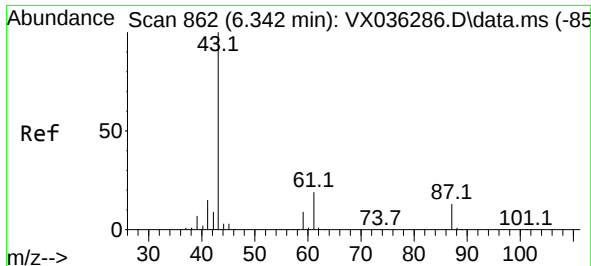
Ion Ratio Lower Upper

43 100

61 12.8 10.6 16.0

70 9.6 8.3 12.5

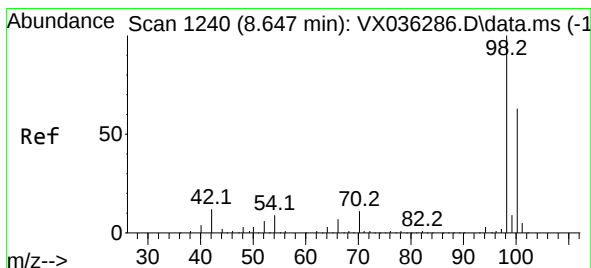
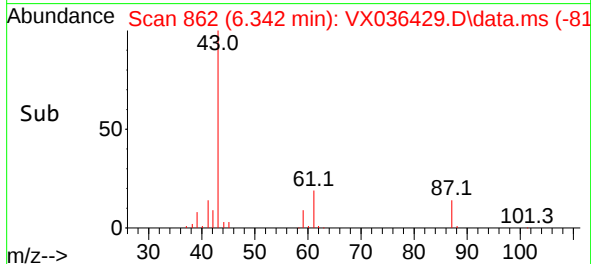
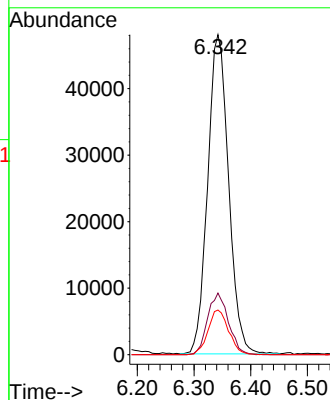
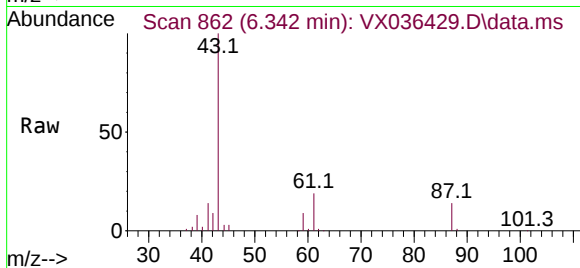




#43
Isopropyl Acetate
Concen: 26.094 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036429.D
Acq: 06 Jul 2023 12:42

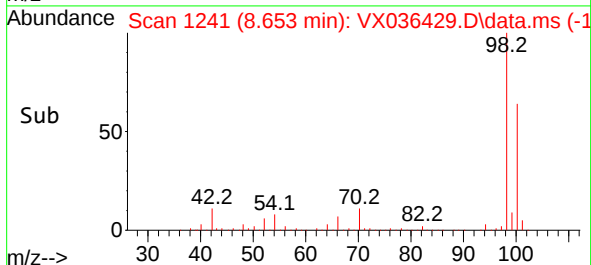
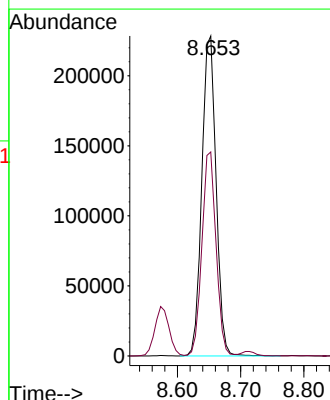
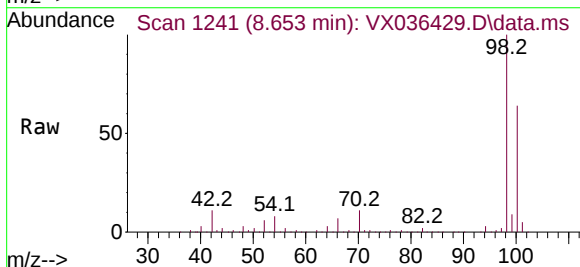
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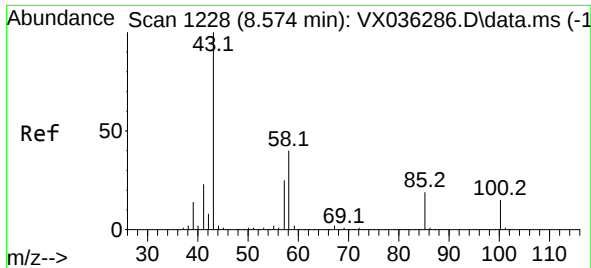
Tgt Ion: 43 Resp: 123042
Ion Ratio Lower Upper
43 100
61 19.2 15.2 22.8
87 13.8 9.8 14.6



#50
Toluene-d8
Concen: 49.289 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036429.D
Acq: 06 Jul 2023 12:42

Tgt Ion: 98 Resp: 358160
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

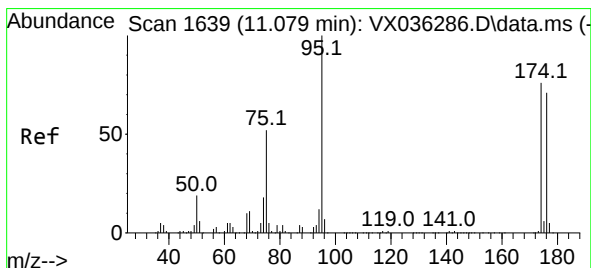
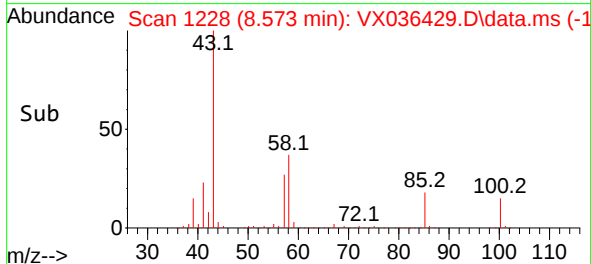
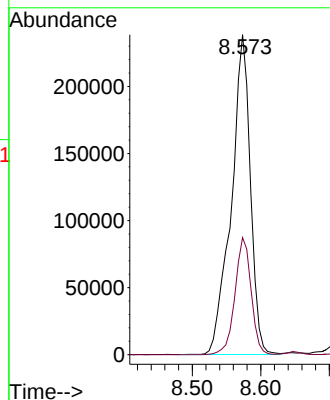
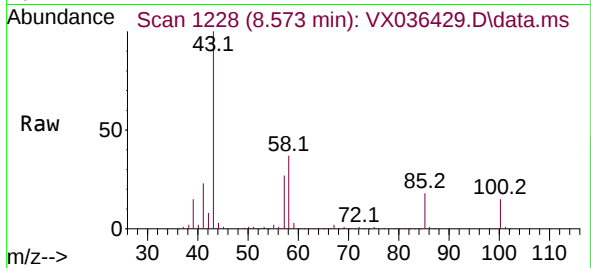




#51
4-Methyl-2-Pentanone
Concen: 152.005 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036429.D
Acq: 06 Jul 2023 12:42

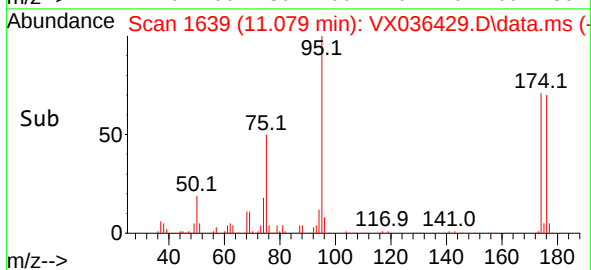
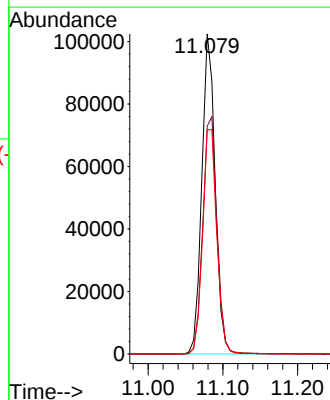
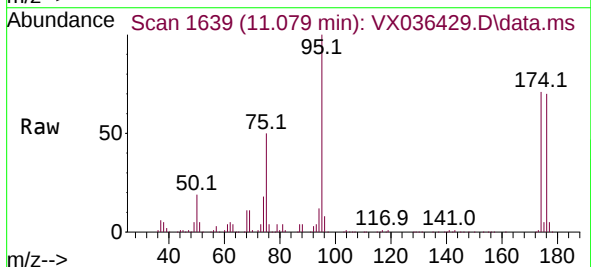
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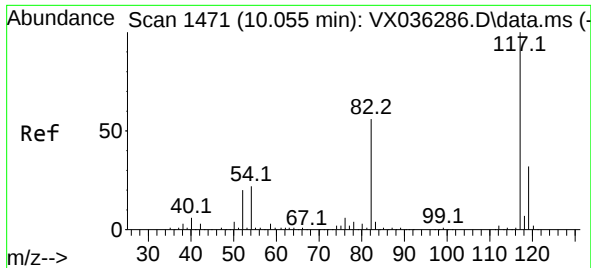
Tgt Ion: 43 Resp: 461774
Ion Ratio Lower Upper
43 100
58 31.1 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 49.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036429.D
Acq: 06 Jul 2023 12:42

Tgt Ion: 95 Resp: 126840
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 74.7 0.0 131.0

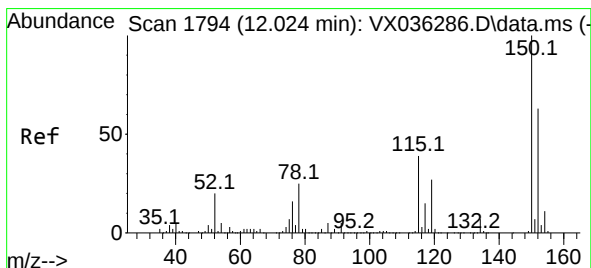
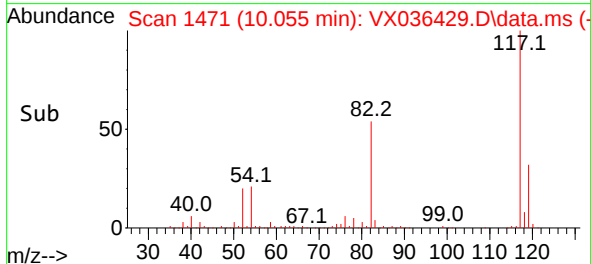
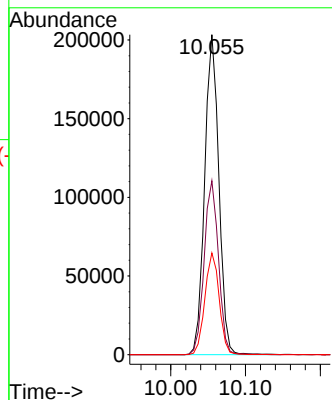
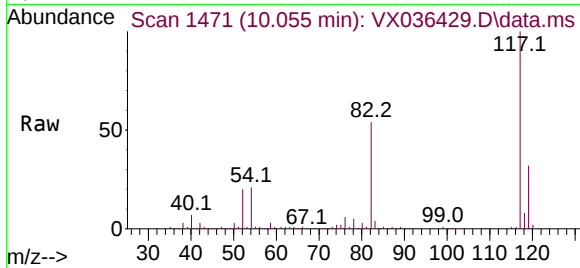




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036429.D
Acq: 06 Jul 2023 12:42

Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-01-G

Tgt Ion:117 Resp: 268044
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.8 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: VX036429.D
Acq: 06 Jul 2023 12:42

Tgt Ion:152 Resp: 120311
Ion Ratio Lower Upper
152 100
115 60.4 43.3 129.9
150 158.4 0.0 345.0

