

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036430.D
 Acq On : 06 Jul 2023 13:06
 Operator : JC/MD
 Sample : 03509-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-02-G

Quant Time: Jul 07 01:46:25 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)

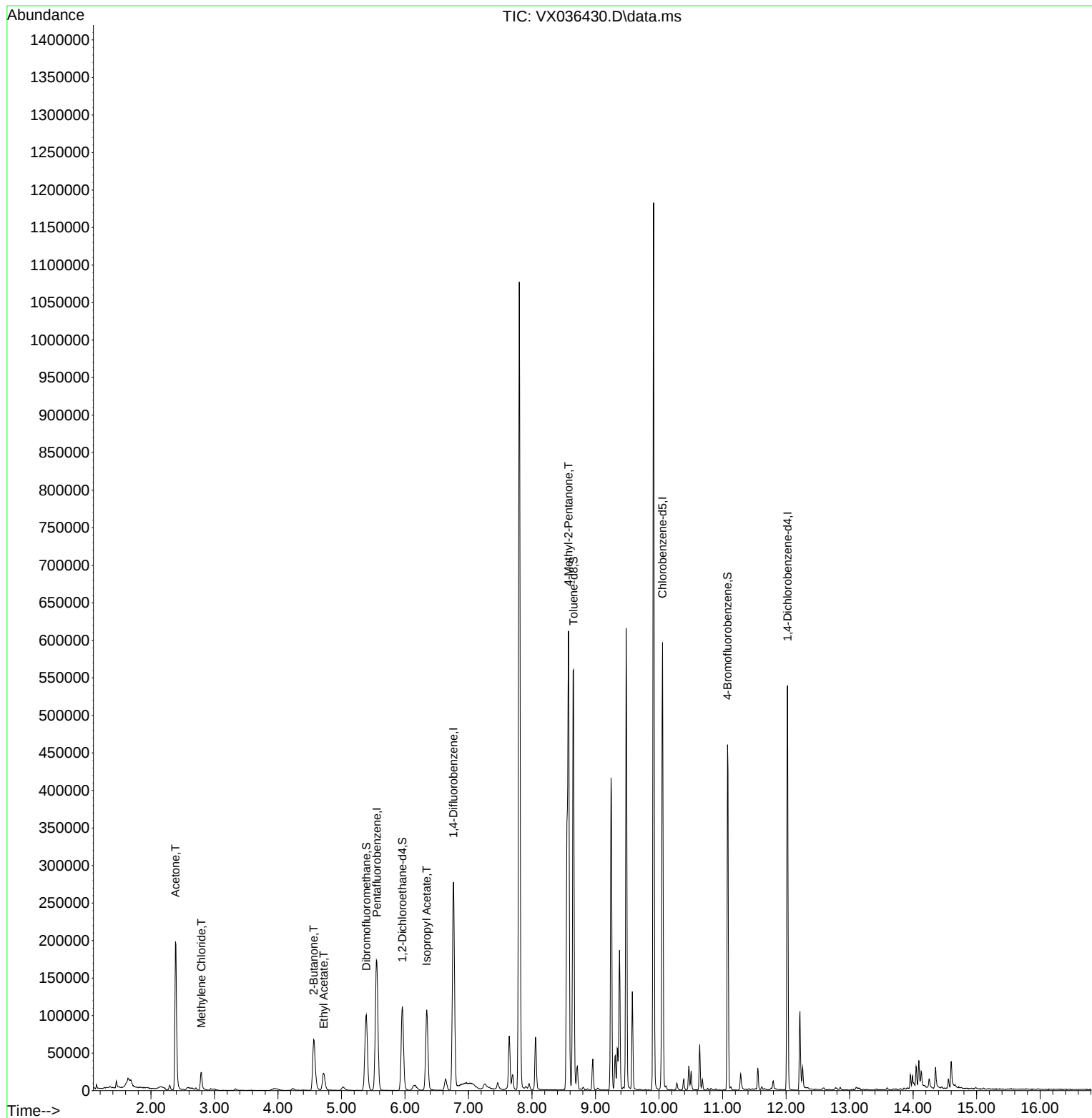
Internal Standards						
1) Pentafluorobenzene	5.556	168	166696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107102	44.822	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.640%		
35) Dibromofluoromethane	5.391	113	88840	47.605	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.200%		
50) Toluene-d8	8.653	98	340620	48.868	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.740%		
62) 4-Bromofluorobenzene	11.079	95	120132	48.931	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.860%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	232820	227.958	ug/l	94
20) Methylene Chloride	2.794	84	12340	5.612	ug/l #	93
25) 2-Butanone	4.562	43	118491	80.747	ug/l	94
37) Ethyl Acetate	4.721	43	39928	14.083	ug/l	95
43) Isopropyl Acetate	6.342	43	145132	32.088	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	449173	154.143	ug/l	90

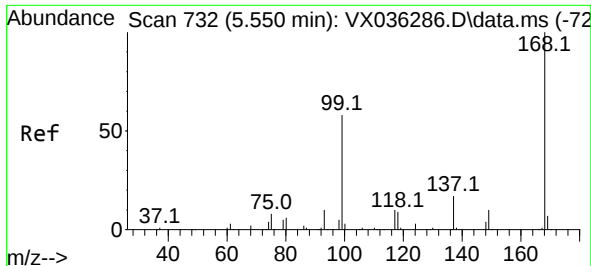
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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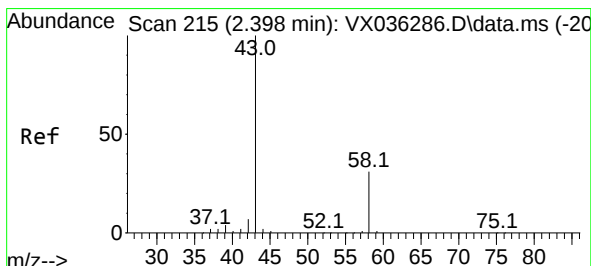
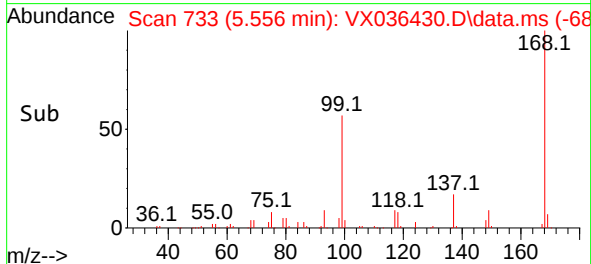
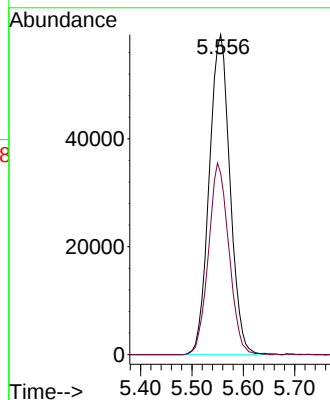
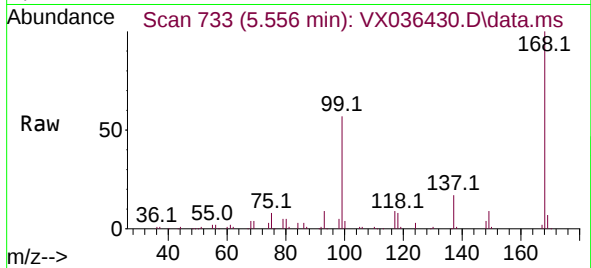




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036430.D
Acq: 06 Jul 2023 13:06

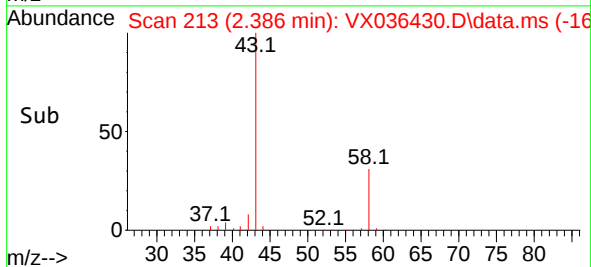
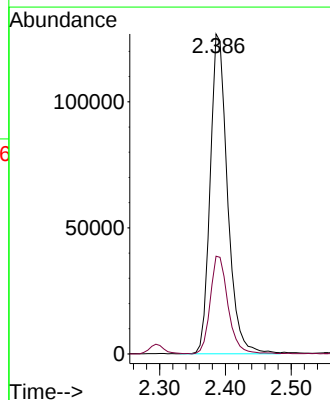
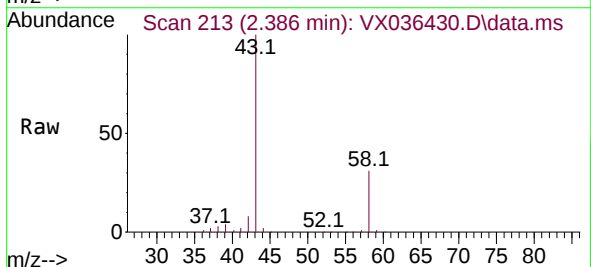
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-02-G

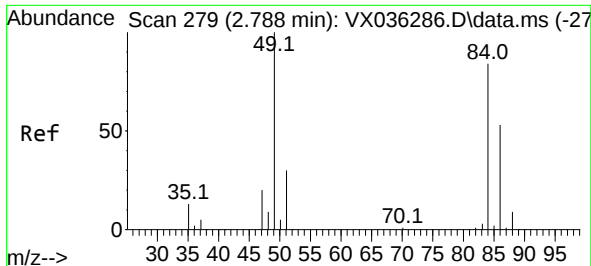
Tgt Ion:168 Resp: 166696
Ion Ratio Lower Upper
168 100
99 56.6 56.6 85.0



#16
Acetone
Concen: 227.958 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036430.D
Acq: 06 Jul 2023 13:06

Tgt Ion: 43 Resp: 232820
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9

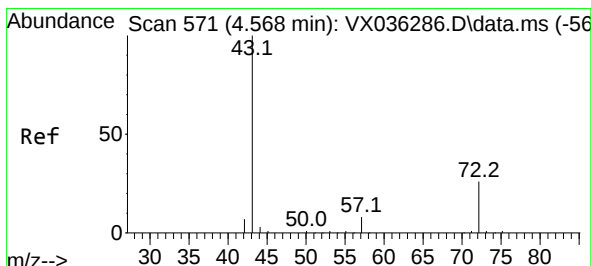
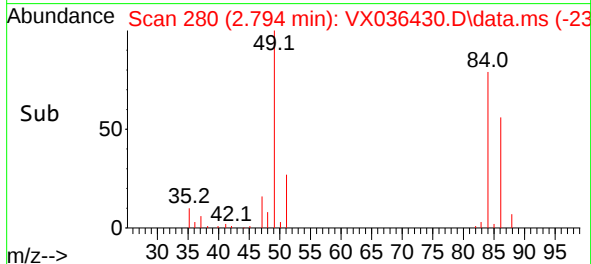
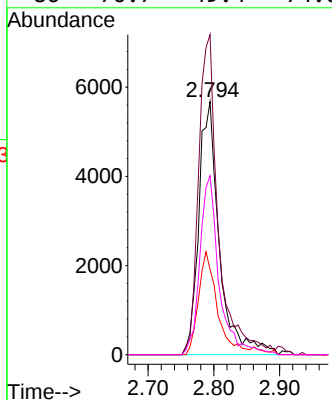
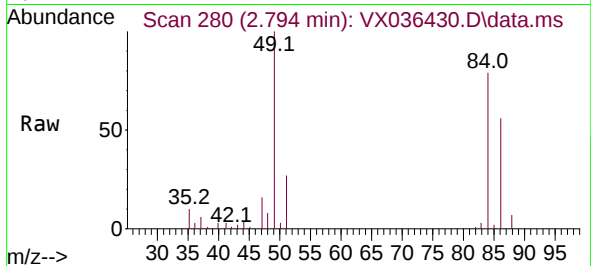




#20
Methylene Chloride
Concen: 5.612 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036430.D
Acq: 06 Jul 2023 13:06

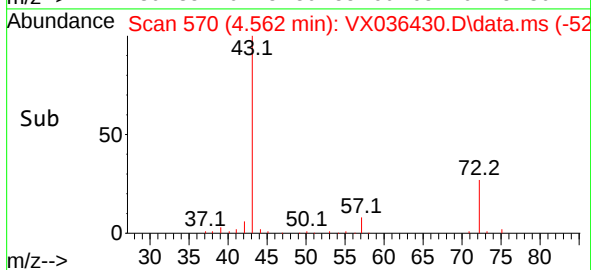
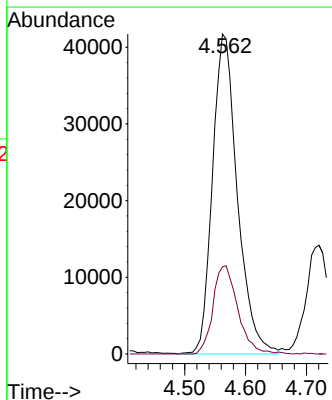
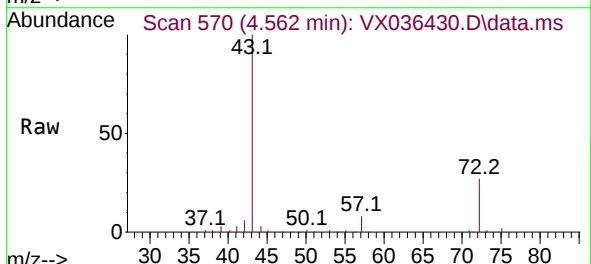
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-02-G

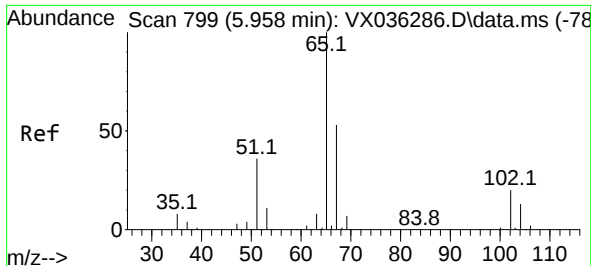
Tgt Ion:	84	Resp:	12340
Ion	Ratio	Lower	Upper
84	100		
49	126.5	103.6	155.4
51	33.7	33.8	50.6#
86	70.7	49.4	74.0



#25
2-Butanone
Concen: 80.747 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036430.D
Acq: 06 Jul 2023 13:06

Tgt Ion:	43	Resp:	118491
Ion	Ratio	Lower	Upper
43	100		
72	27.3	19.4	29.2

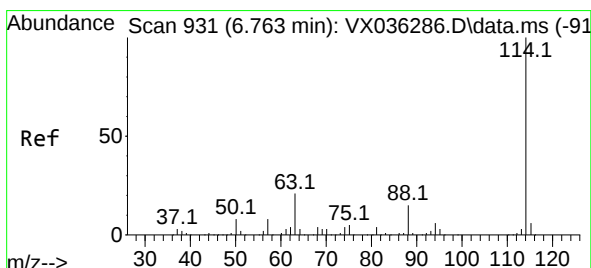
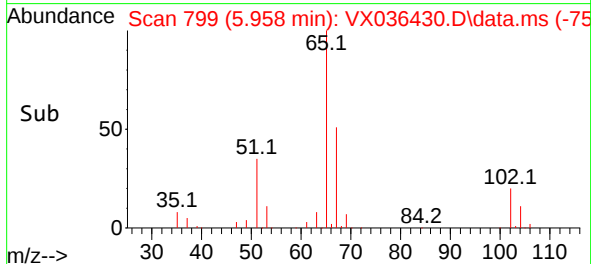
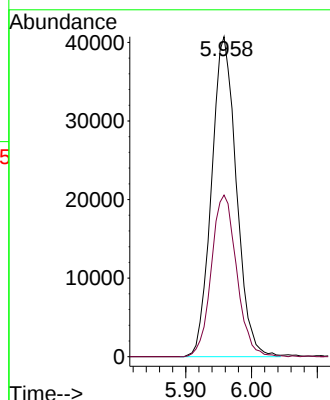
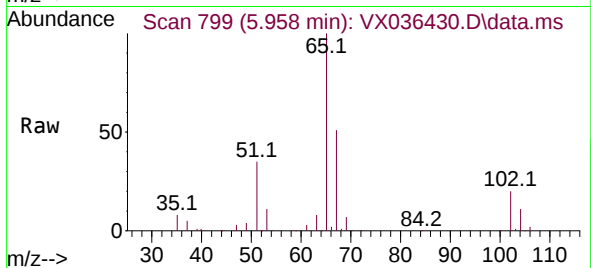




#33
 1,2-Dichloroethane-d4
 Concen: 44.822 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036430.D
 Acq: 06 Jul 2023 13:06

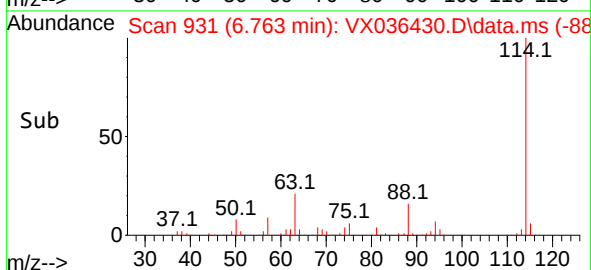
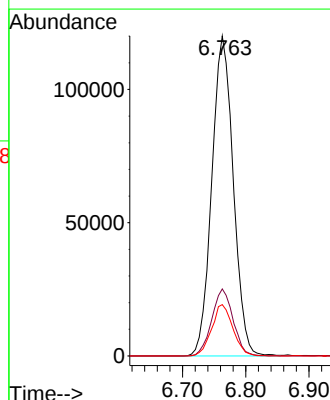
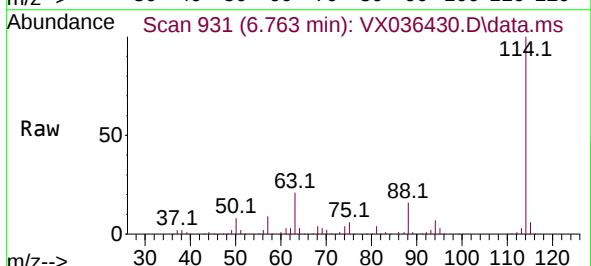
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-02-G

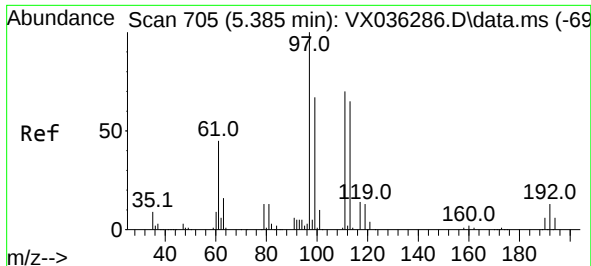
Tgt Ion: 65 Resp: 107102
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036430.D
 Acq: 06 Jul 2023 13:06

Tgt Ion: 114 Resp: 283026
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.0
 88 16.0 0.0 36.6

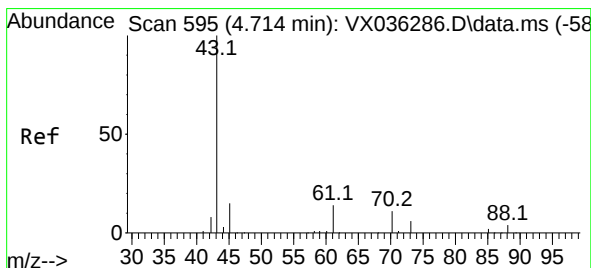
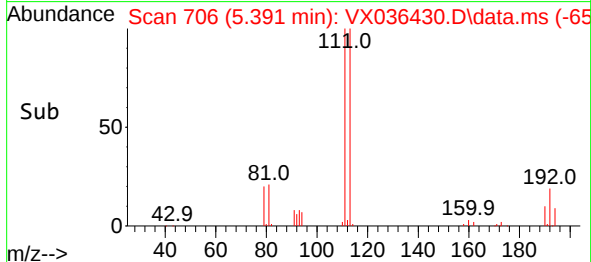
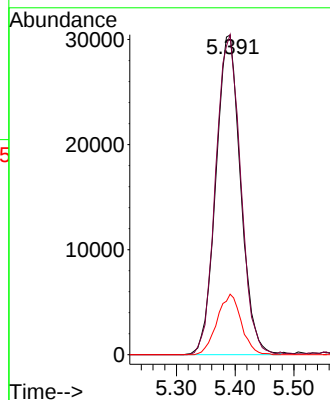
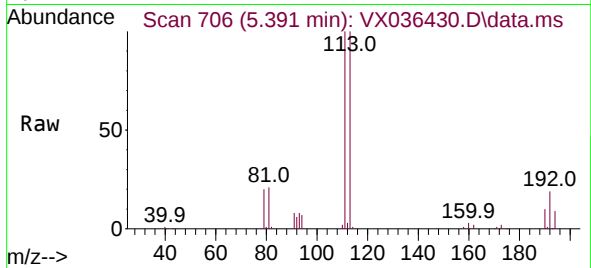




#35
Dibromofluoromethane
Concen: 47.605 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036430.D
Acq: 06 Jul 2023 13:06

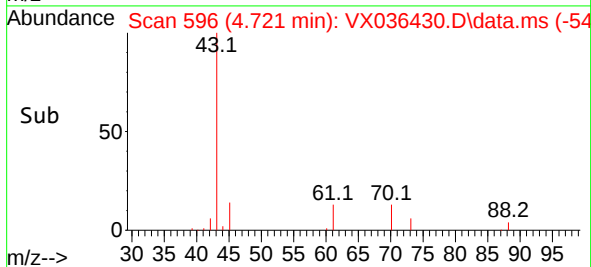
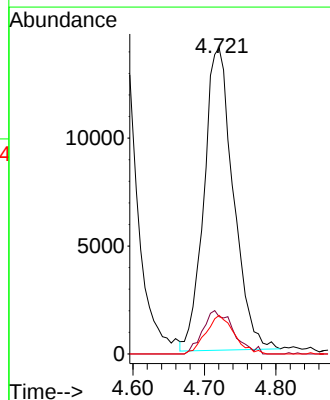
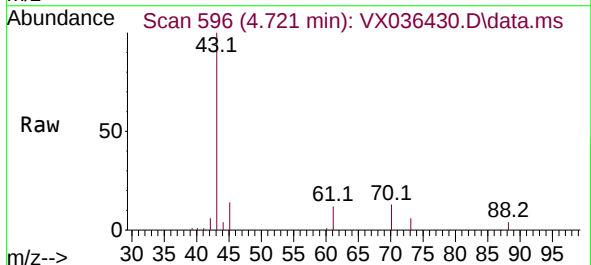
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-02-G

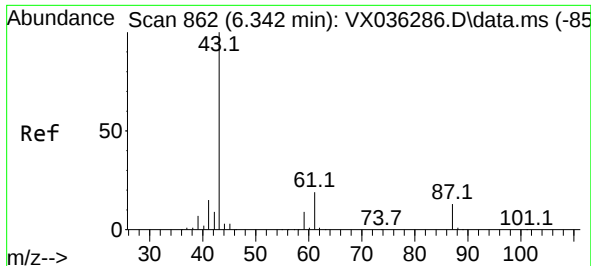
Tgt Ion:113 Resp: 88840
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 18.5 13.3 19.9



#37
Ethyl Acetate
Concen: 14.083 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.007 min
Lab File: VX036430.D
Acq: 06 Jul 2023 13:06

Tgt Ion: 43 Resp: 39928
Ion Ratio Lower Upper
43 100
61 14.9 10.6 16.0
70 12.3 8.3 12.5

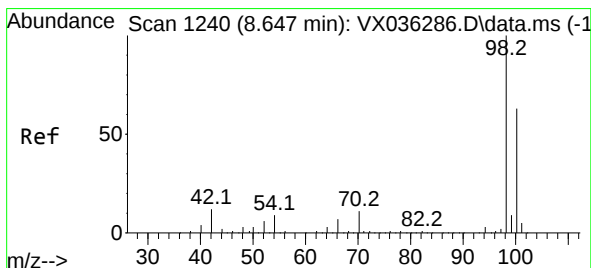
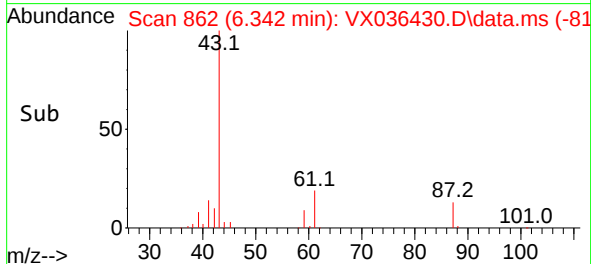
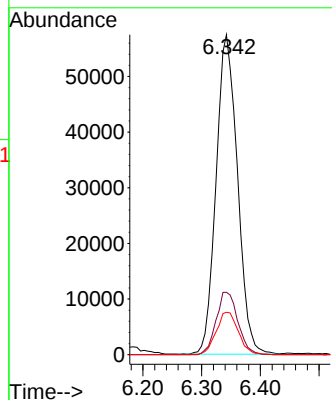
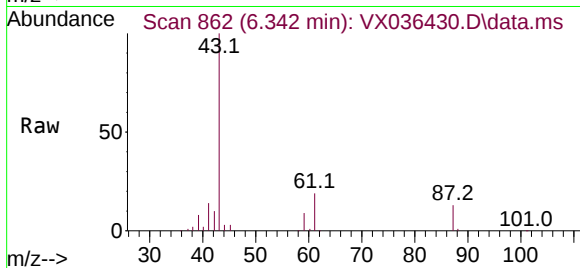




#43
Isopropyl Acetate
Concen: 32.088 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036430.D
Acq: 06 Jul 2023 13:06

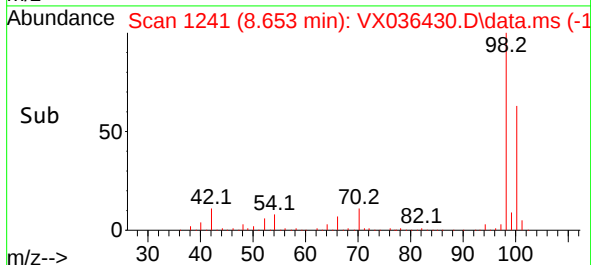
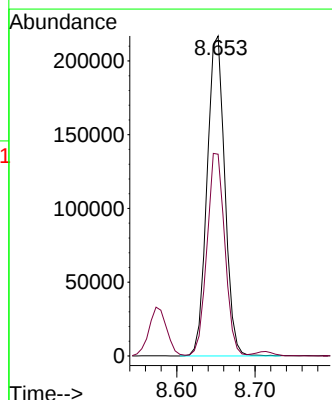
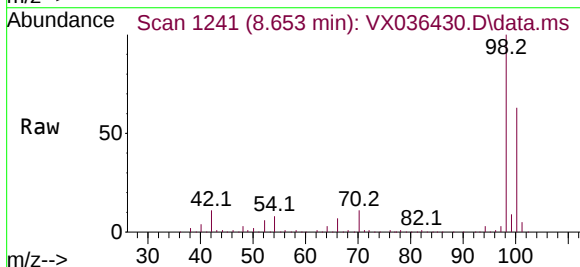
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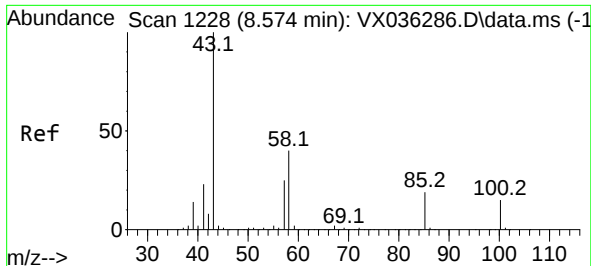
Tgt Ion: 43 Resp: 145132
Ion Ratio Lower Upper
43 100
61 19.9 15.2 22.8
87 13.8 9.8 14.6



#50
Toluene-d8
Concen: 48.868 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036430.D
Acq: 06 Jul 2023 13:06

Tgt Ion: 98 Resp: 340620
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

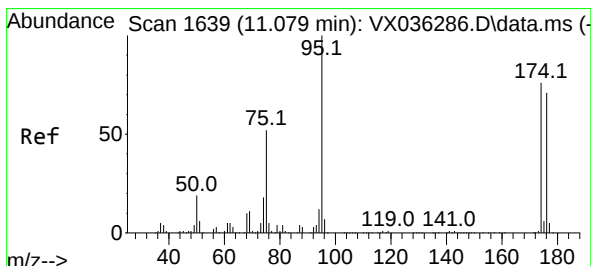
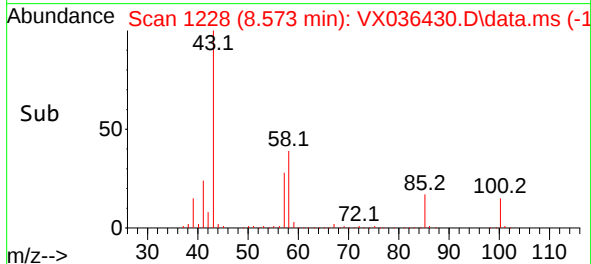
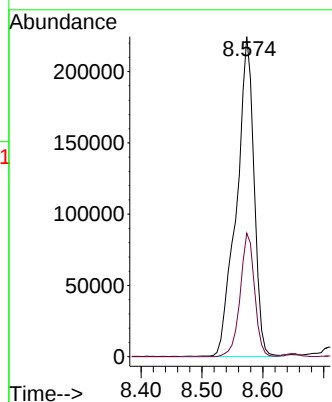
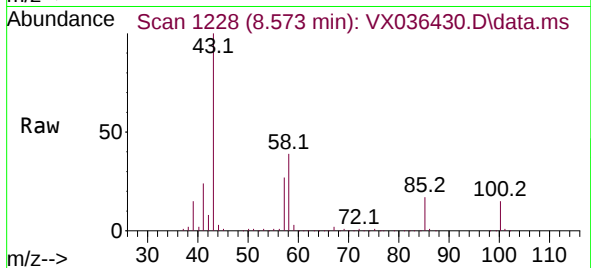




#51
4-Methyl-2-Pentanone
Concen: 154.143 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036430.D
Acq: 06 Jul 2023 13:06

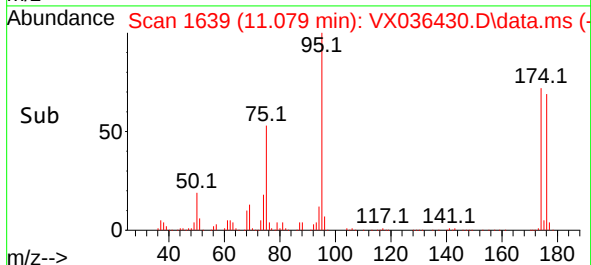
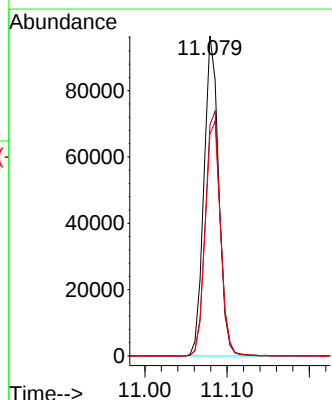
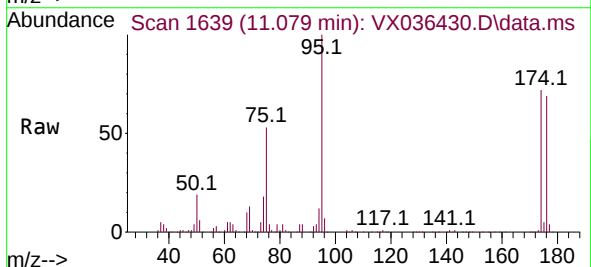
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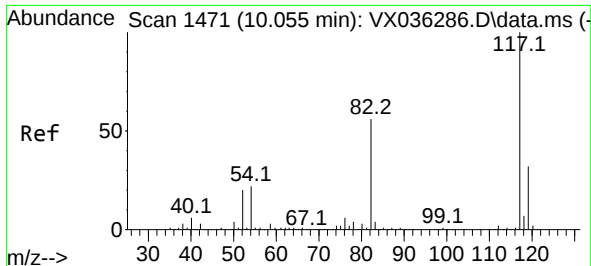
Tgt Ion: 43 Resp: 449173
Ion Ratio Lower Upper
43 100
58 31.7 30.4 45.6



#62
4-Bromofluorobenzene
Concen: 48.931 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036430.D
Acq: 06 Jul 2023 13:06

Tgt Ion: 95 Resp: 120132
Ion Ratio Lower Upper
95 100
174 78.1 0.0 135.6
176 75.9 0.0 131.0

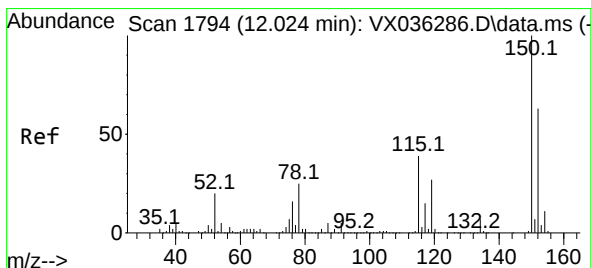
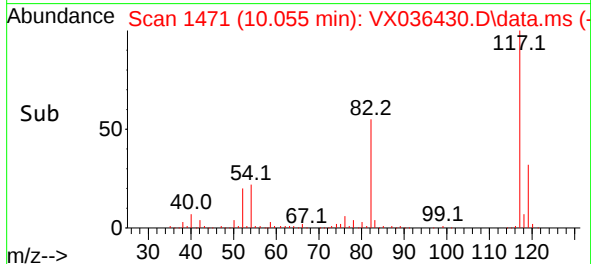
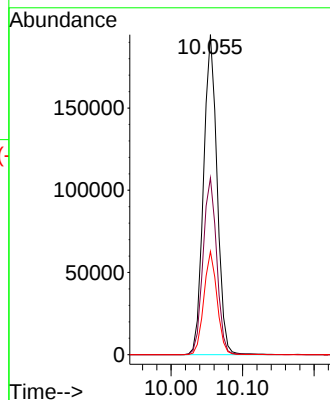
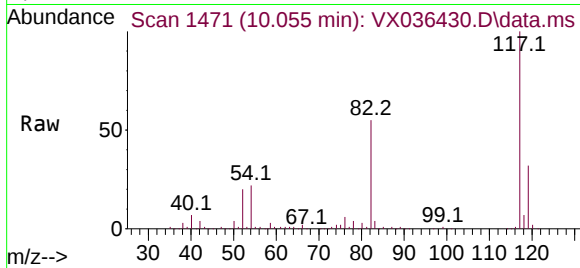




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036430.D
Acq: 06 Jul 2023 13:06

Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-02-G

Tgt Ion:117 Resp: 256525
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.2 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: VX036430.D
Acq: 06 Jul 2023 13:06

Tgt Ion:152 Resp: 114048
Ion Ratio Lower Upper
152 100
115 60.7 43.3 129.9
150 158.2 0.0 345.0

