

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036434.D
 Acq On : 06 Jul 2023 14:41
 Operator : JC/MD
 Sample : 03510-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-WWS-06-G

Quant Time: Jul 07 01:48:02 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)

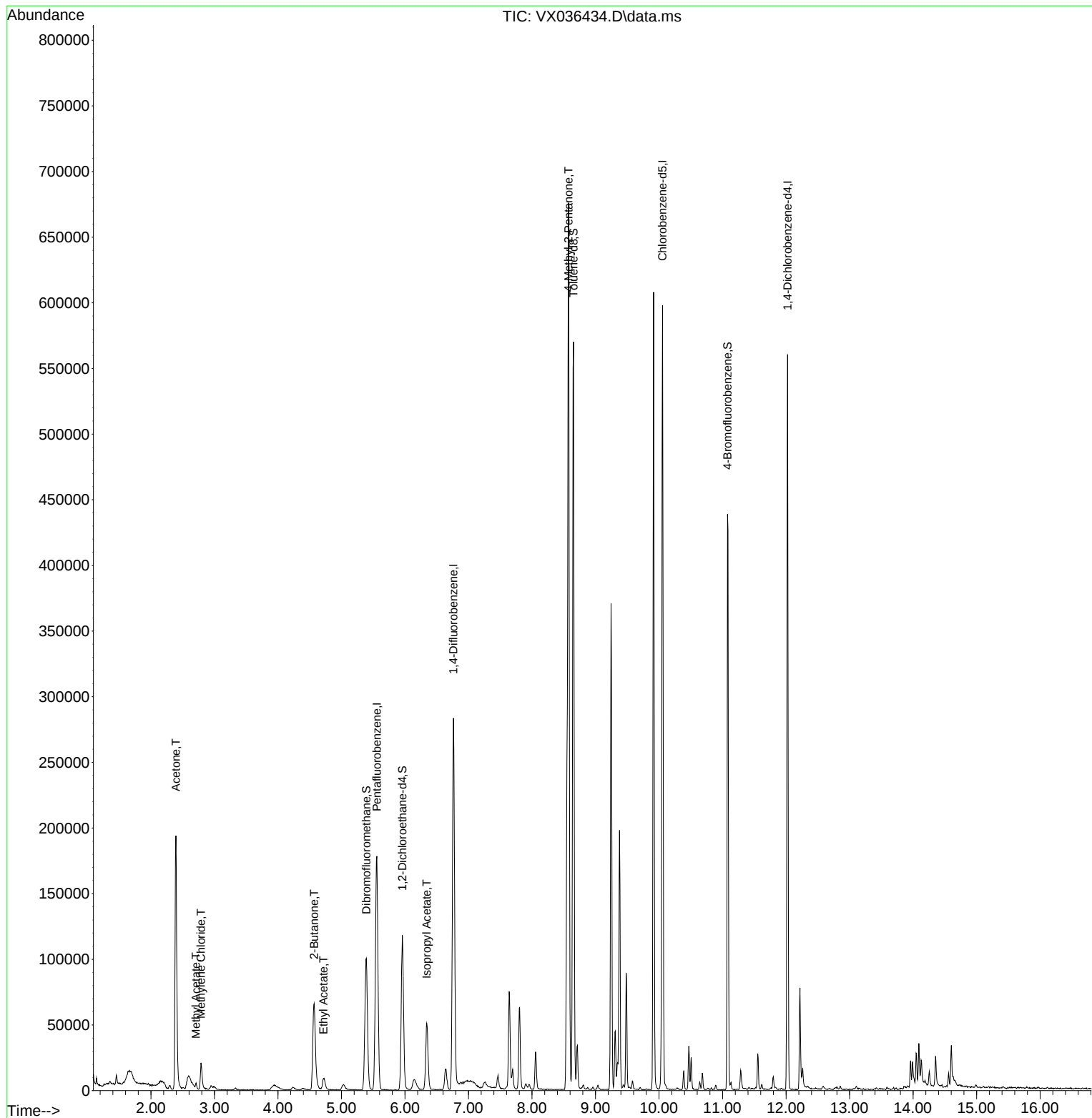
Internal Standards						
1) Pentafluorobenzene	5.556	168	164847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	283047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	257604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110279	46.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.340%		
35) Dibromofluoromethane	5.391	113	88147	47.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.460%		
50) Toluene-d8	8.653	98	342571	49.144	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.280%		
62) 4-Bromofluorobenzene	11.079	95	117908	48.021	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.040%		
Target Compounds						
					Qvalue	
16) Acetone	2.391	43	234725	232.401	ug/l	92
18) Methyl Acetate	2.708	43	4745	1.142	ug/l	98
20) Methylene Chloride	2.788	84	10176	4.679	ug/l	91
25) 2-Butanone	4.568	43	116636	80.374	ug/l	97
37) Ethyl Acetate	4.714	43	16134	5.690	ug/l	97
43) Isopropyl Acetate	6.342	43	69609	15.389	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	453908	155.756	ug/l	93

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

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Quant Time: Jul 07 01:48:02 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

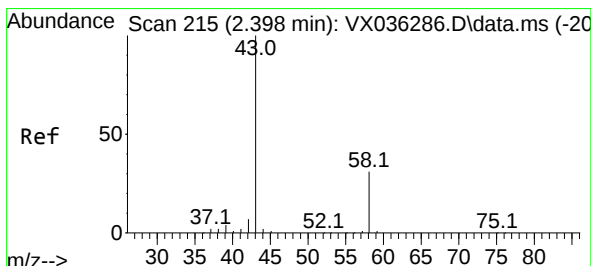
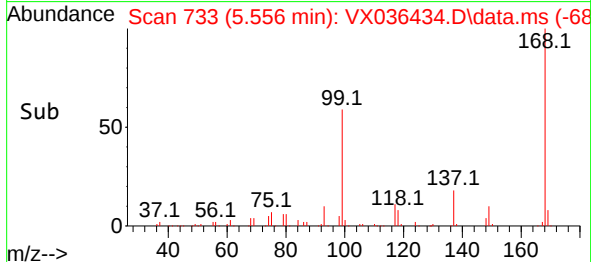
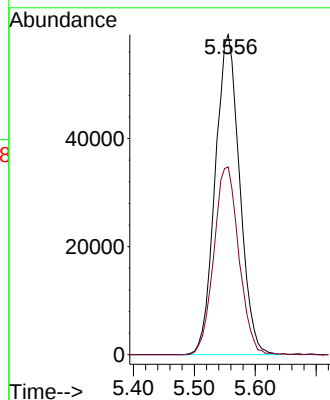
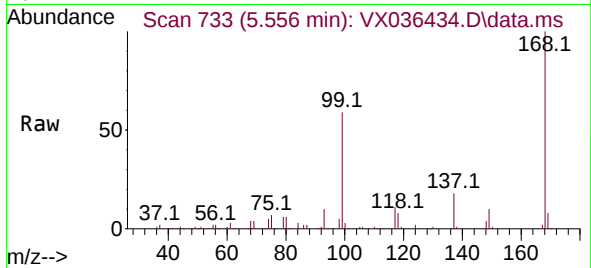




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

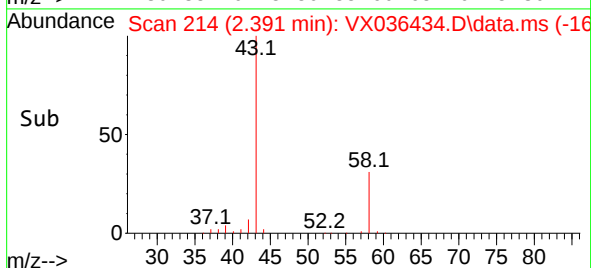
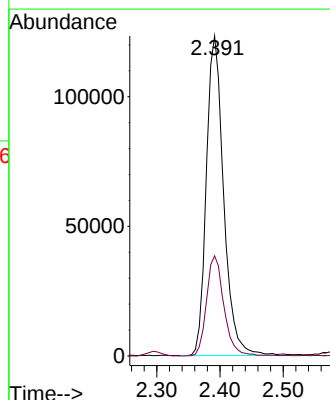
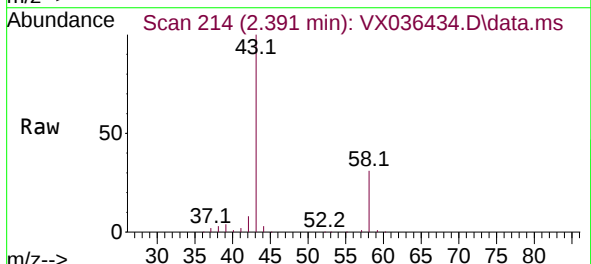
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-06-G

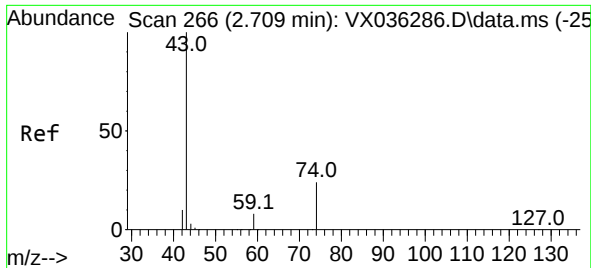
Tgt Ion:168 Resp: 164847
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#16
Acetone
Concen: 232.401 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.013 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 43 Resp: 234725
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9

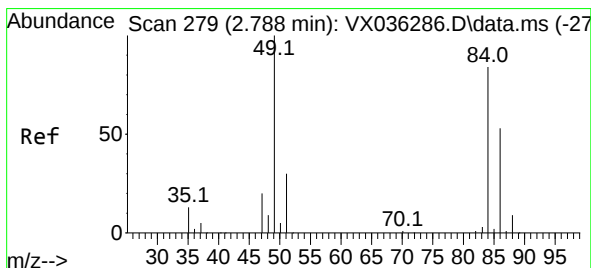
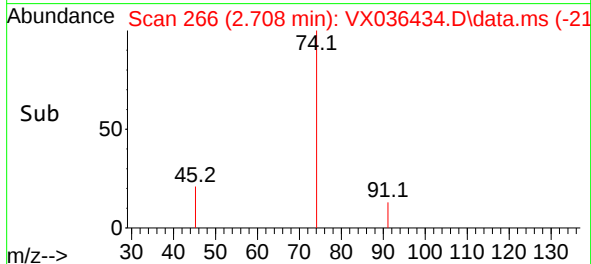
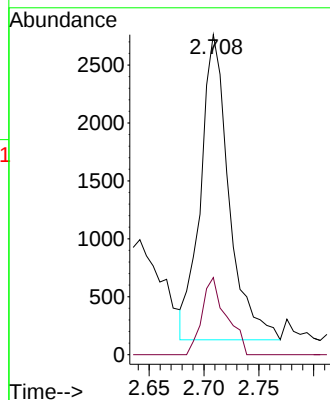
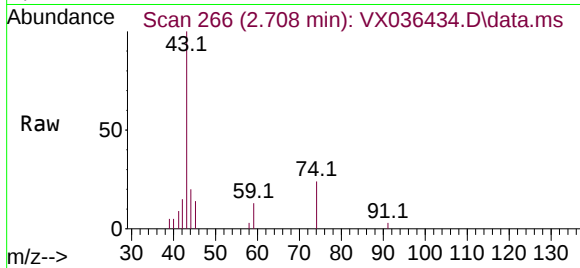




#18
Methyl Acetate
Concen: 1.142 ug/l
RT: 2.708 min Scan# 20
Delta R.T. -0.001 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

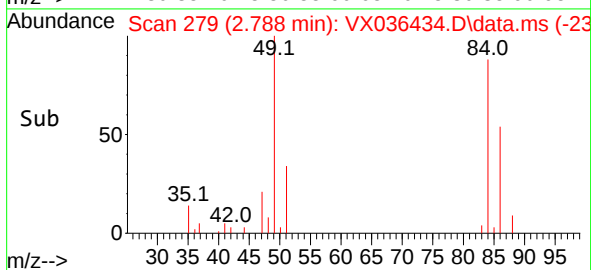
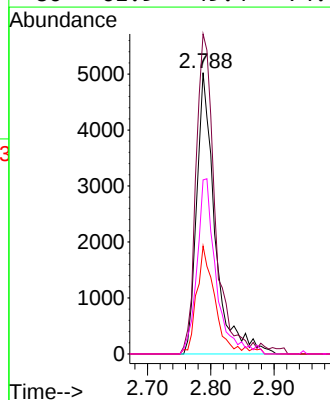
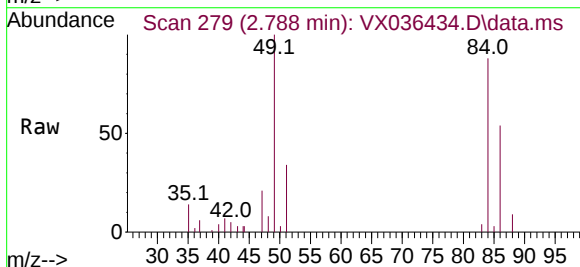
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-06-G

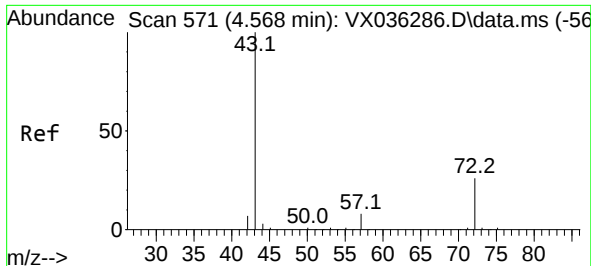
Tgt Ion: 43 Resp: 4745
Ion Ratio Lower Upper
43 100
74 21.6 17.8 26.8



#20
Methylene Chloride
Concen: 4.679 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 84 Resp: 10176
Ion Ratio Lower Upper
84 100
49 113.8 103.6 155.4
51 38.3 33.8 50.6
86 61.9 49.4 74.0

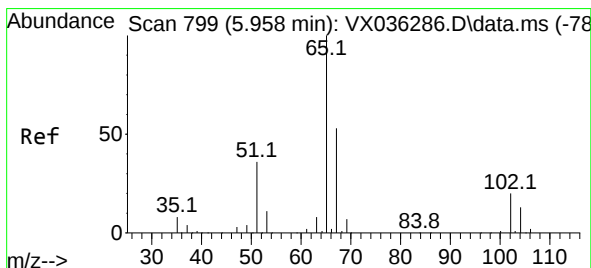
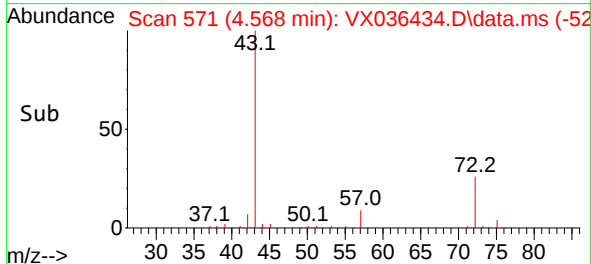
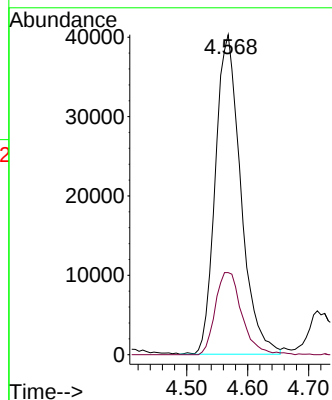
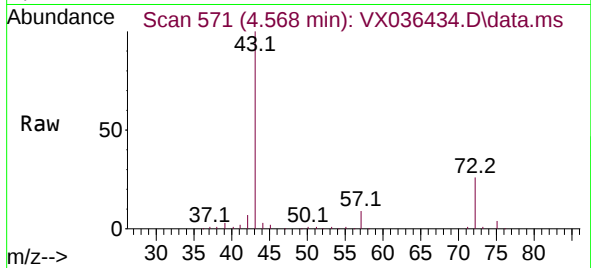




#25
2-Butanone
Concen: 80.374 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

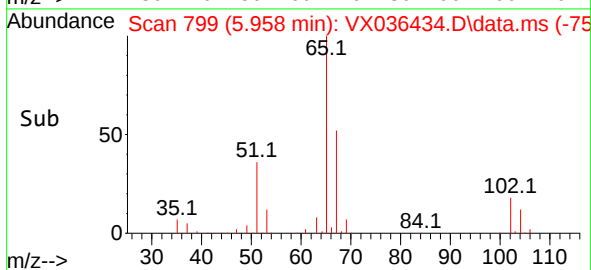
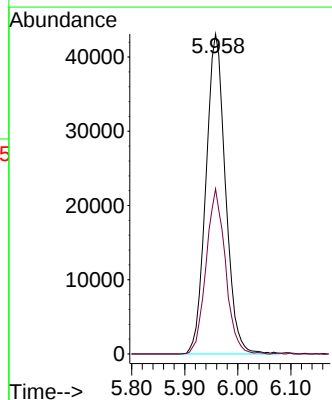
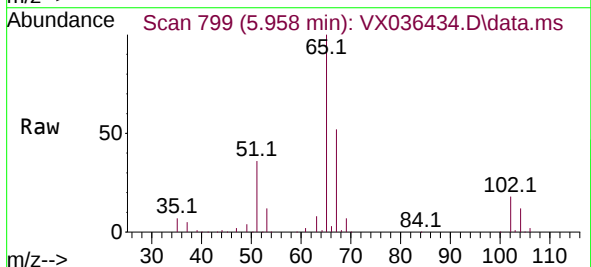
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-06-G

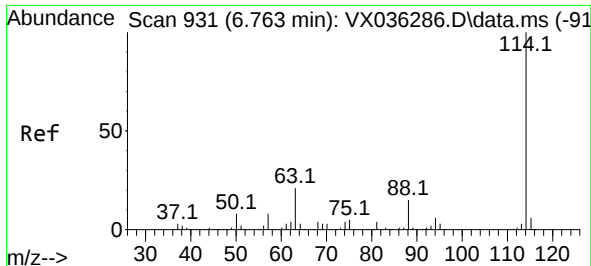
Tgt Ion: 43 Resp: 116636
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 46.670 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 65 Resp: 110279
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

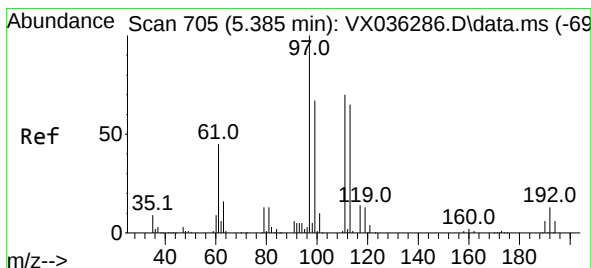
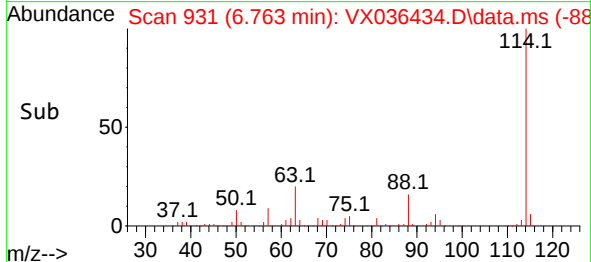
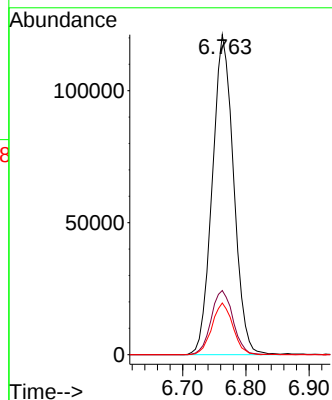
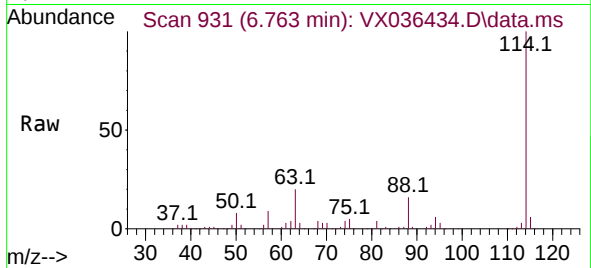




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

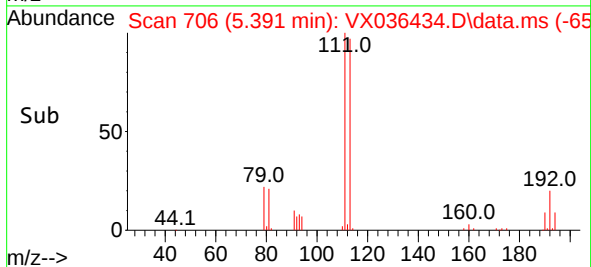
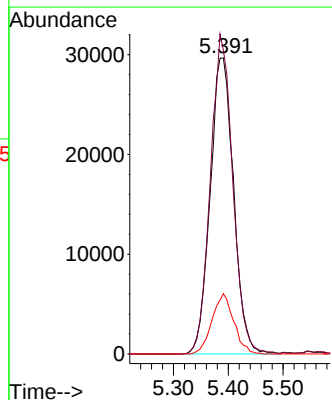
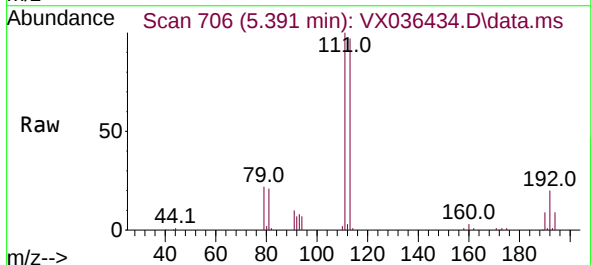
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-06-G

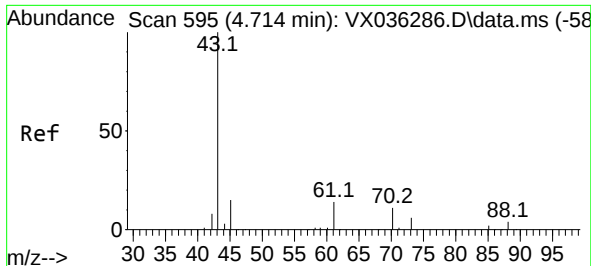
Tgt Ion:114 Resp: 283047
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.230 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion:113 Resp: 88147
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 18.9 13.3 19.9

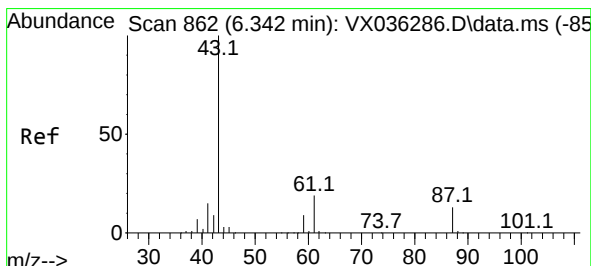
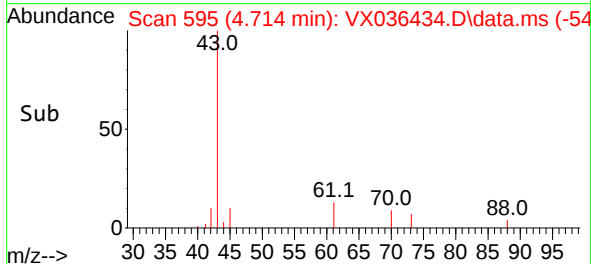
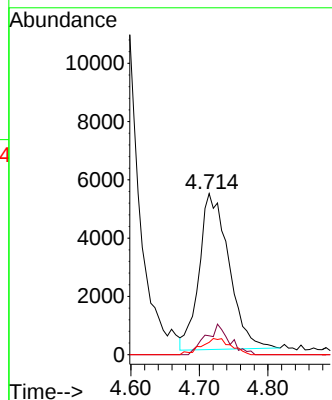
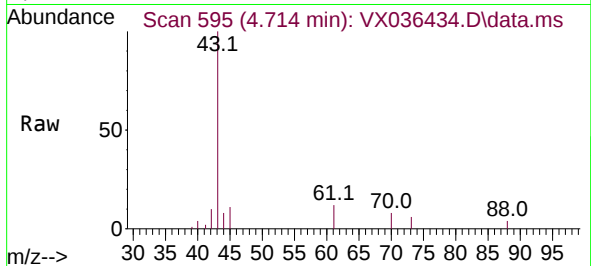




#37
Ethyl Acetate
Concen: 5.690 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

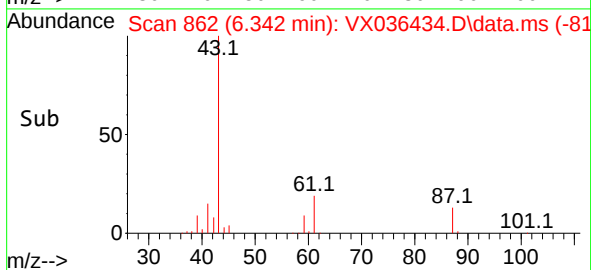
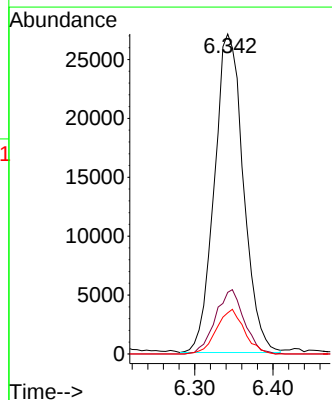
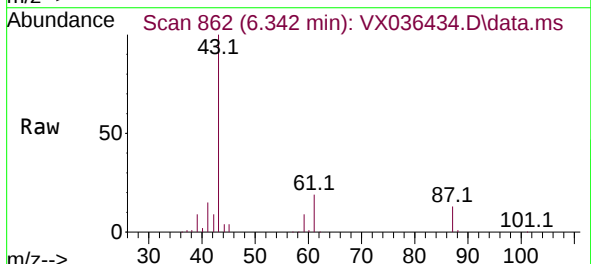
Instrument :
MSVOA_X
ClientSampleId :
WC-WWS-06-G

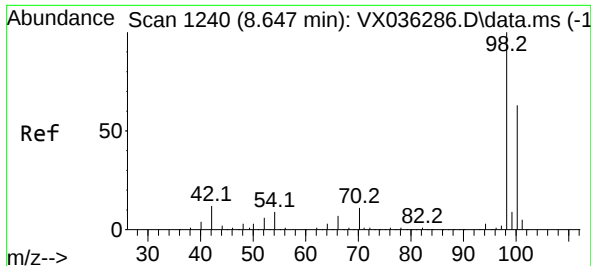
Tgt Ion:	43	Resp:	16134
Ion	Ratio	Lower	Upper
43	100		
61	15.6	10.6	16.0
70	10.3	8.3	12.5



#43
Isopropyl Acetate
Concen: 15.389 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion:	43	Resp:	69609
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.2	22.8
87	13.4	9.8	14.6

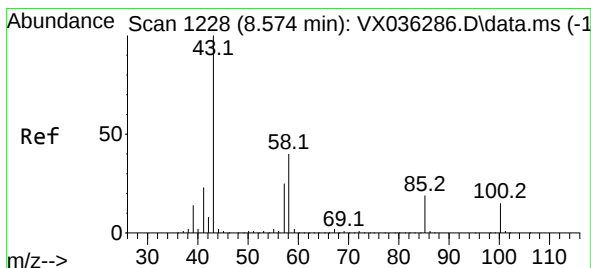
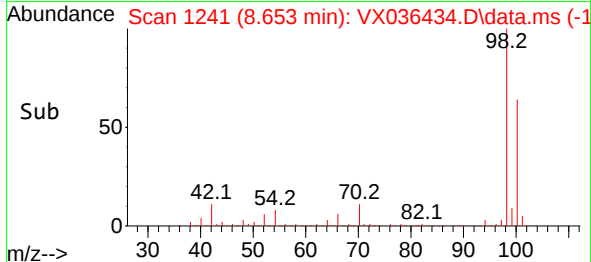
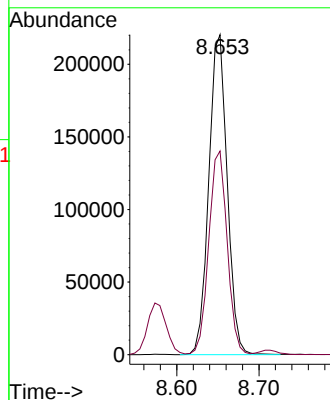
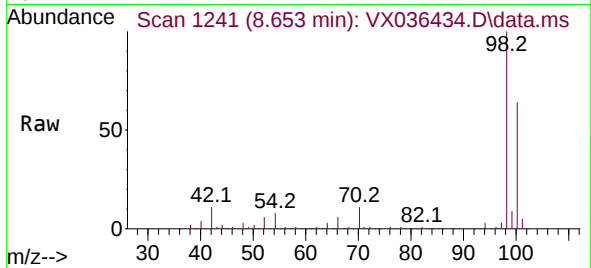




#50
Toluene-d8
Concen: 49.144 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

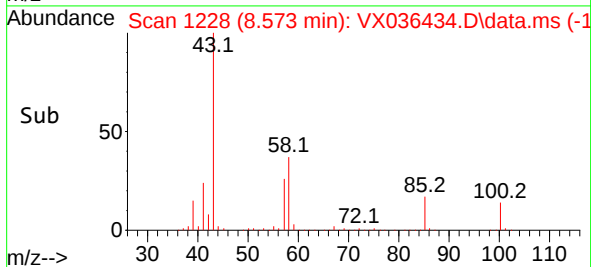
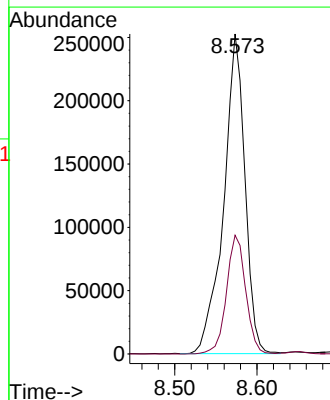
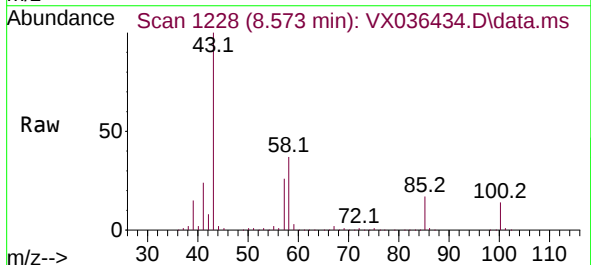
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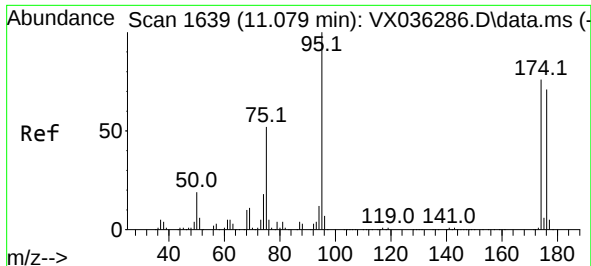
Tgt Ion: 98 Resp: 342571
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 155.756 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036434.D
Acq: 06 Jul 2023 14:41

Tgt Ion: 43 Resp: 453908
Ion Ratio Lower Upper
43 100
58 33.6 30.4 45.6





#62

4-Bromofluorobenzene

Concen: 48.021 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX036434.D

Acq: 06 Jul 2023 14:41

Instrument :

MSVOA_X

ClientSampleId :

WC-WWS-06-G

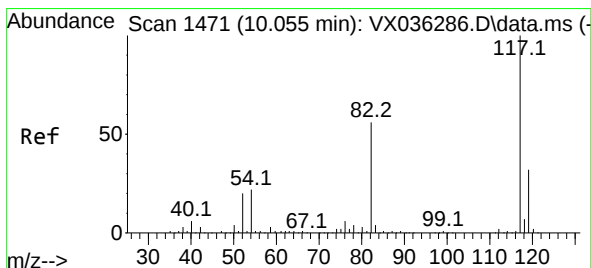
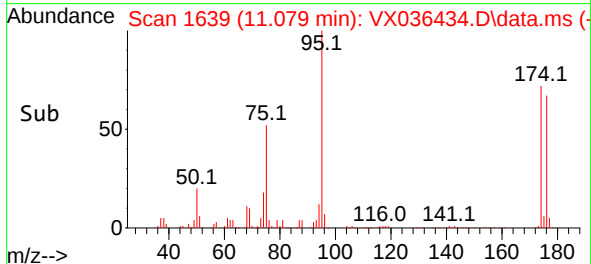
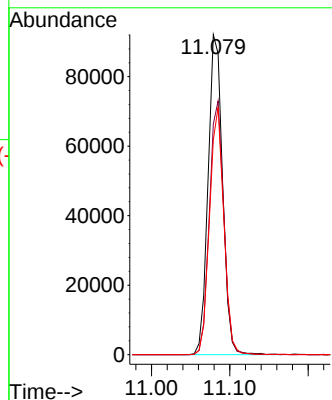
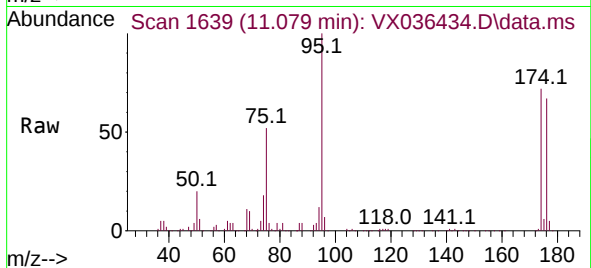
Tgt Ion: 95 Resp: 117908

Ion Ratio Lower Upper

95 100

174 79.2 0.0 135.6

176 76.1 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: VX036434.D

Acq: 06 Jul 2023 14:41

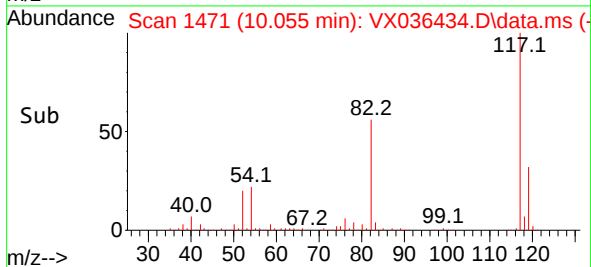
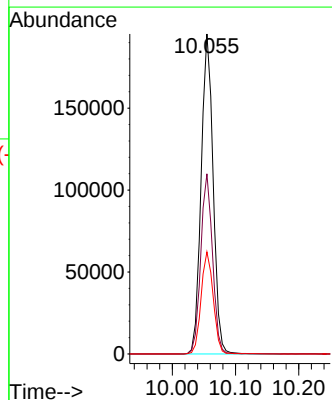
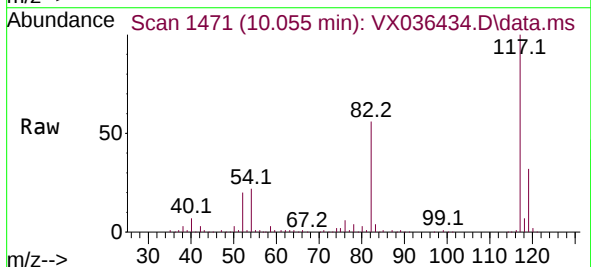
Tgt Ion: 117 Resp: 257604

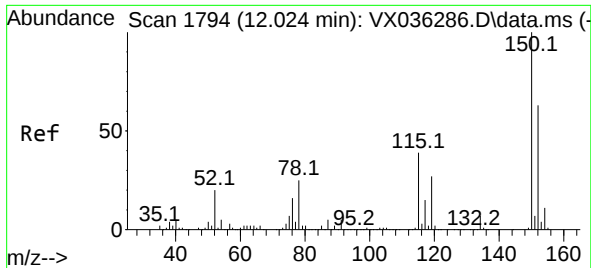
Ion Ratio Lower Upper

117 100

82 56.3 46.2 69.4

119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036434.D

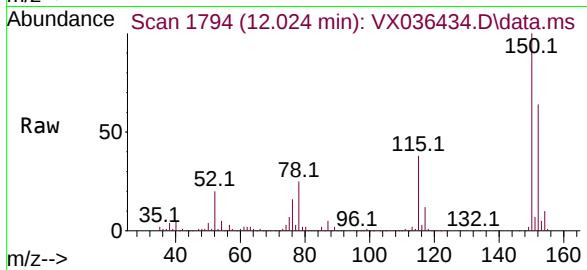
Acq: 06 Jul 2023 14:41

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Tgt Ion:152 Resp: 113480

Ion Ratio Lower Upper

152 100

115 59.2 43.3 129.9

150 155.7 0.0 345.0

