

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034936.D
 Acq On : 03 Apr 2023 16:43
 Operator : JC/MD
 Sample : 02161-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-6

Quant Time: Apr 03 21:39:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

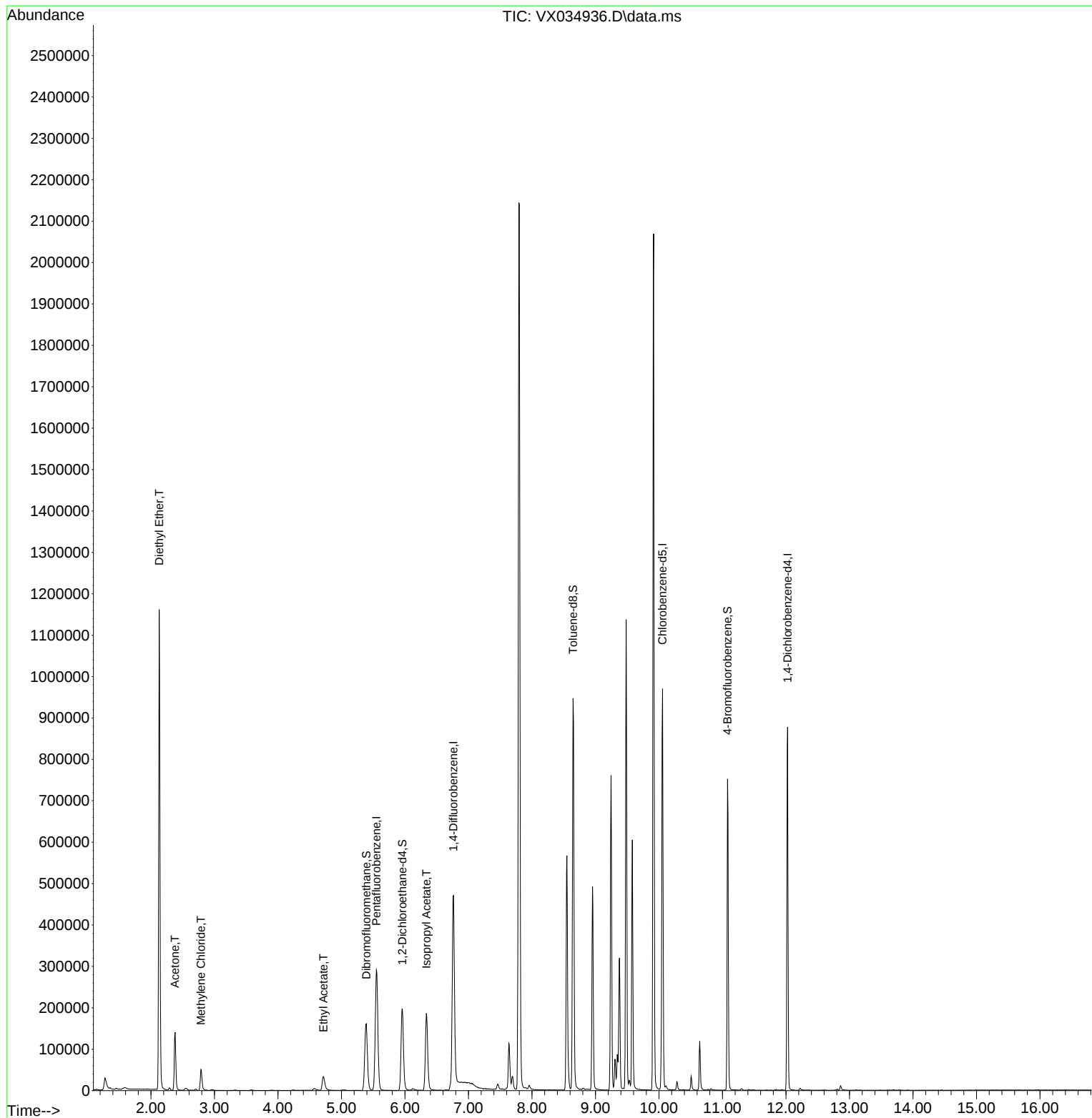
Internal Standards						
1) Pentafluorobenzene	5.550	168	262646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	452118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199962	49.782	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	99.560%	
35) Dibromofluoromethane	5.391	113	142404	47.620	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.240%	
50) Toluene-d8	8.647	98	544529	49.333	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.660%	
62) 4-Bromofluorobenzene	11.079	95	202304	47.363	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	94.720%	
Target Compounds						
						Qvalue
8) Diethyl Ether	2.130	74	365941	198.819	ug/l	94
16) Acetone	2.380	43	153132	93.845	ug/l	93
20) Methylene Chloride	2.788	84	22713	7.054	ug/l	93
37) Ethyl Acetate	4.715	43	63818	13.776	ug/l	99
43) Isopropyl Acetate	6.336	43	258405	33.342	ug/l	99

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

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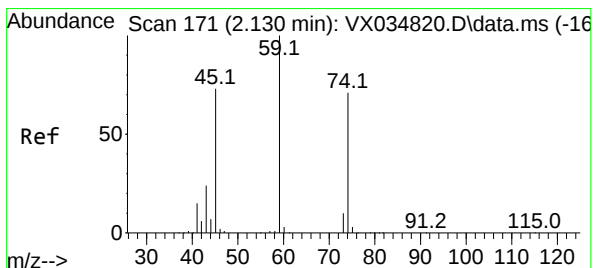
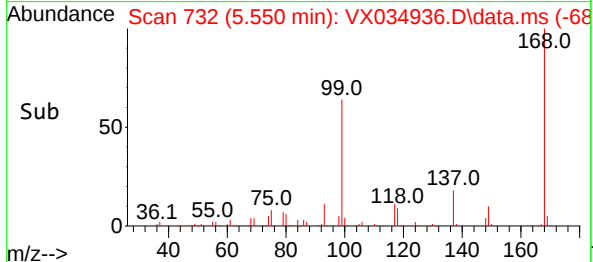
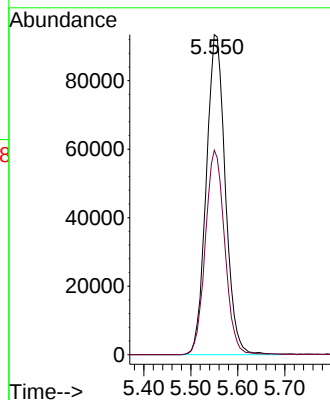
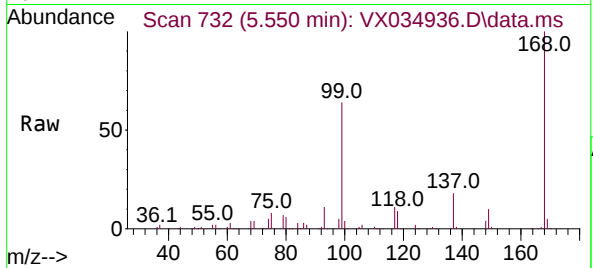




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX034936.D
Acq: 03 Apr 2023 16:43

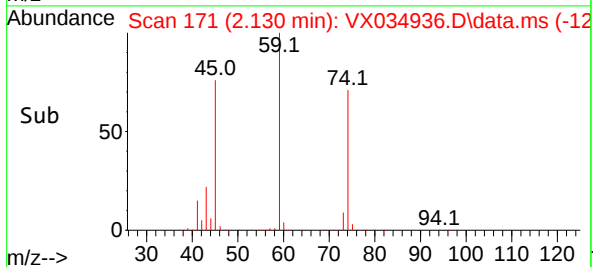
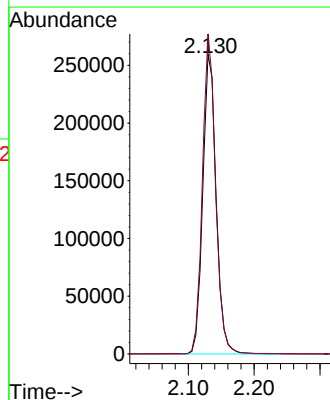
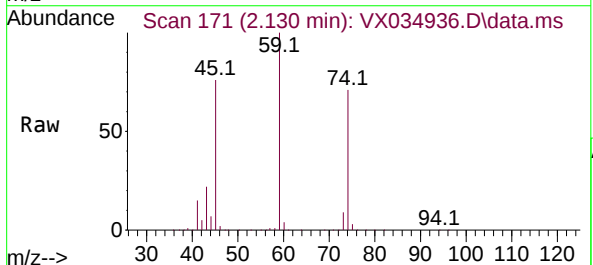
Instrument :
MSVOA_X
ClientSampleId :
WC-6

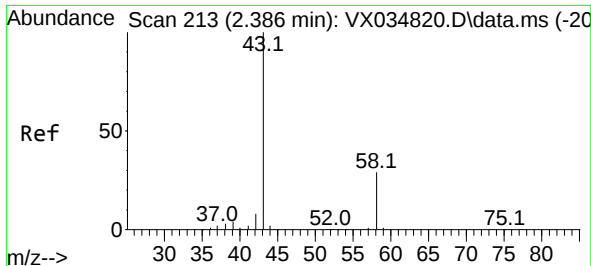
Tgt Ion:168 Resp: 262646
Ion Ratio Lower Upper
168 100
99 63.9 45.7 68.5



#8
Diethyl Ether
Concen: 198.819 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX034936.D
Acq: 03 Apr 2023 16:43

Tgt Ion: 74 Resp: 365941
Ion Ratio Lower Upper
74 100
45 105.1 49.8 149.3

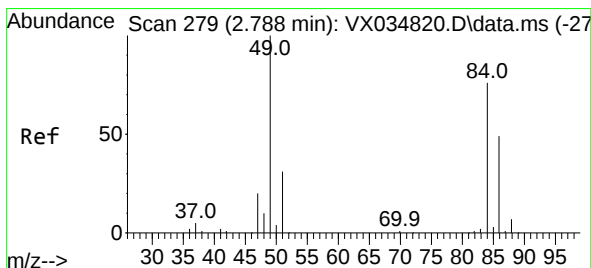
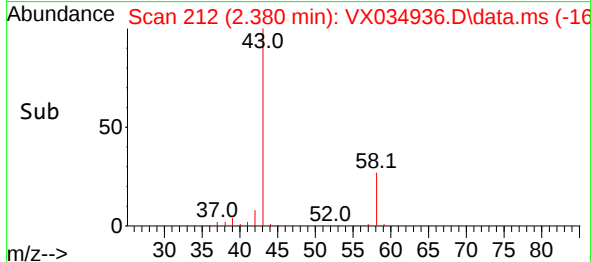
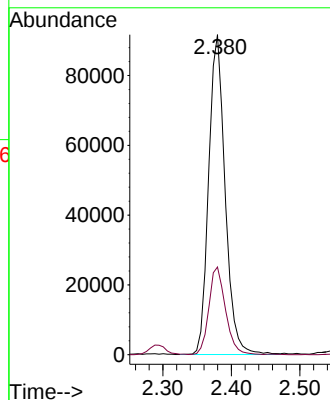
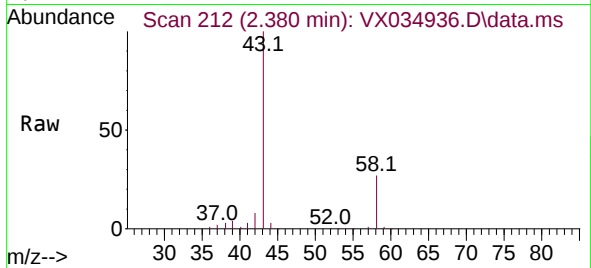




#16
Acetone
Concen: 93.845 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX034936.D
Acq: 03 Apr 2023 16:43

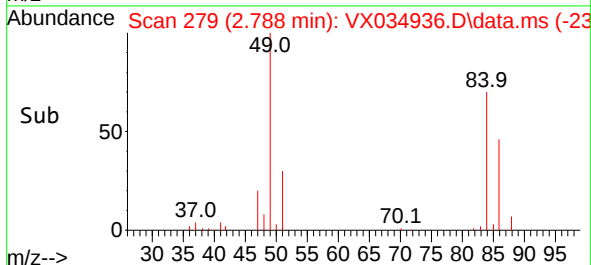
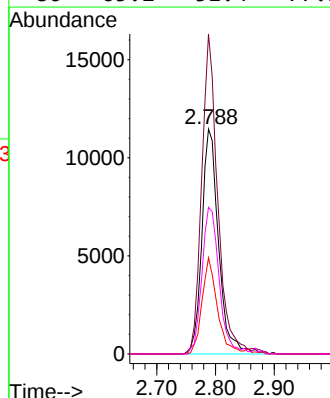
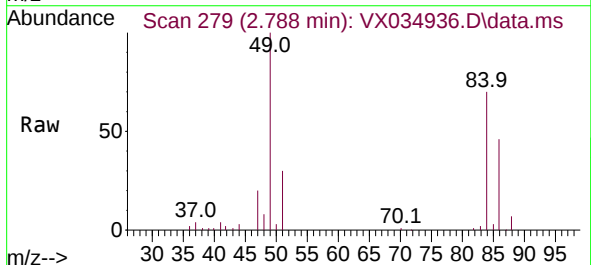
Instrument :
MSVOA_X
ClientSampleId :
WC-6

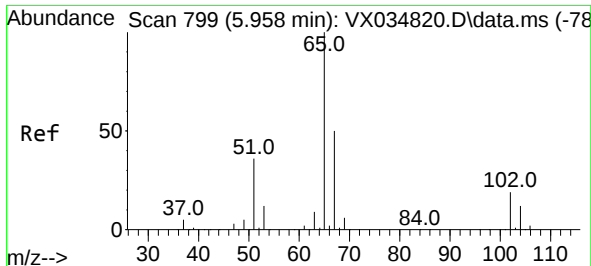
Tgt Ion: 43 Resp: 153132
Ion Ratio Lower Upper
43 100
58 27.3 24.7 37.1



#20
Methylene Chloride
Concen: 7.054 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034936.D
Acq: 03 Apr 2023 16:43

Tgt Ion: 84 Resp: 22713
Ion Ratio Lower Upper
84 100
49 142.2 103.8 155.8
51 42.8 31.8 47.8
86 65.2 51.4 77.2

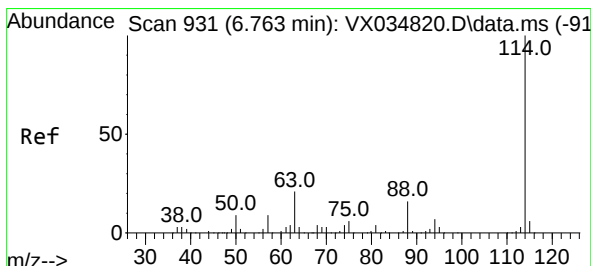
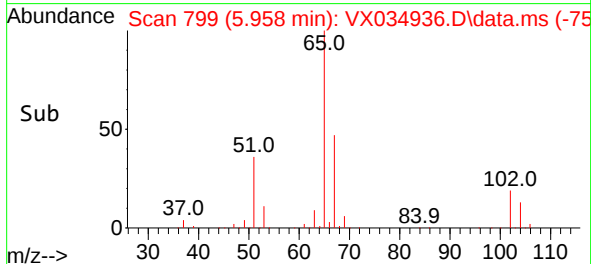
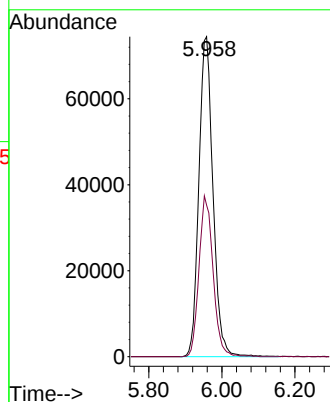
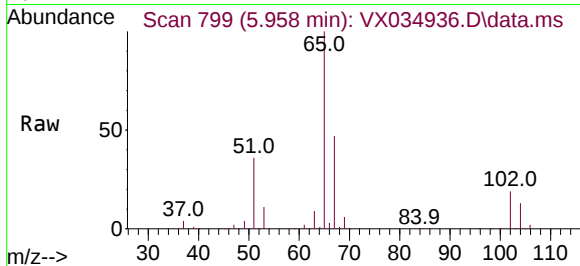




#33
 1,2-Dichloroethane-d4
 Concen: 49.782 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX034936.D
 Acq: 03 Apr 2023 16:43

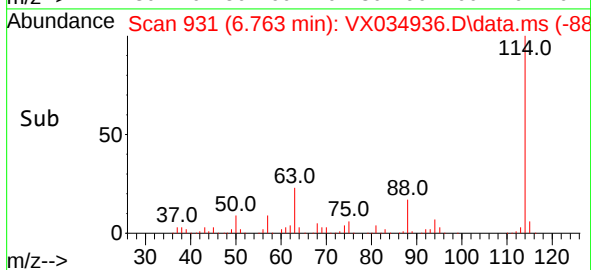
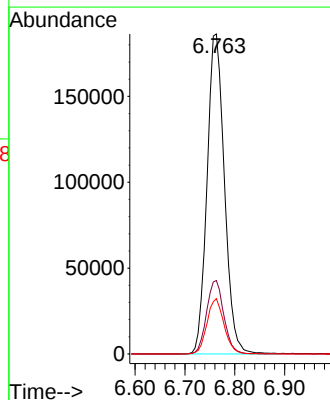
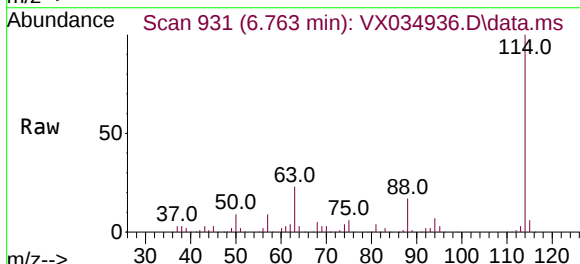
Instrument :
 MSVOA_X
 ClientSampleId :
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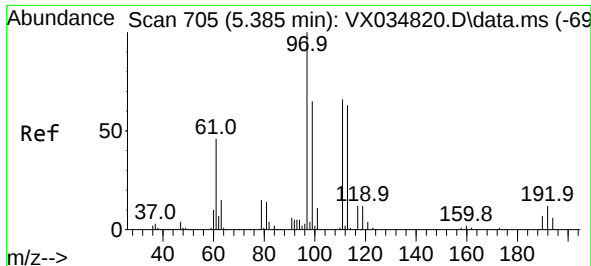
Tgt Ion: 65 Resp: 199962
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX034936.D
 Acq: 03 Apr 2023 16:43

Tgt Ion: 114 Resp: 452118
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 42.2
 88 17.3 0.0 33.2

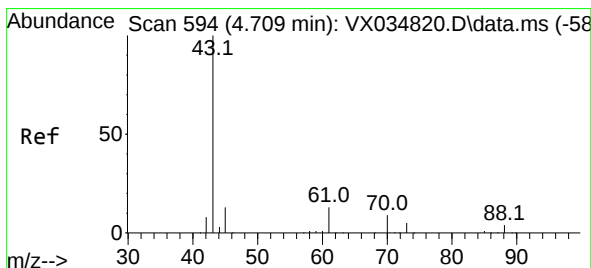
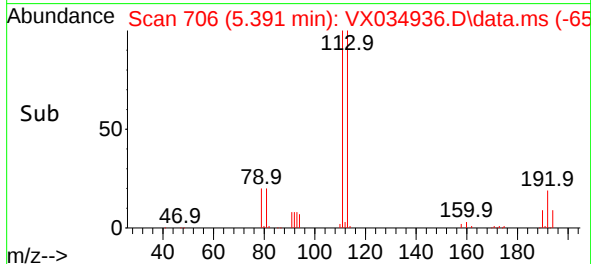
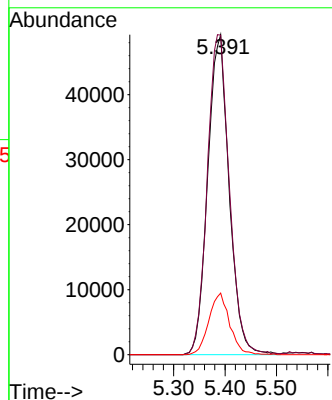
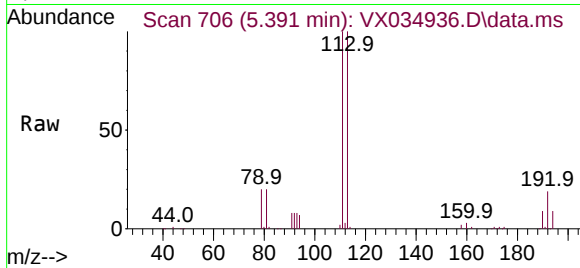




#35
Dibromofluoromethane
Concen: 47.620 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034936.D
Acq: 03 Apr 2023 16:43

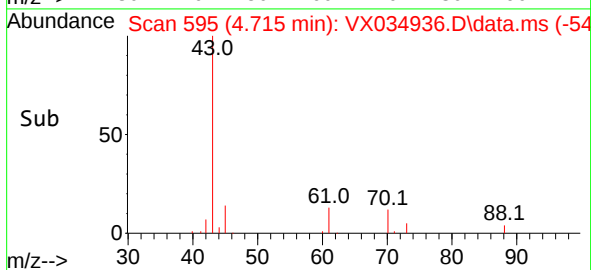
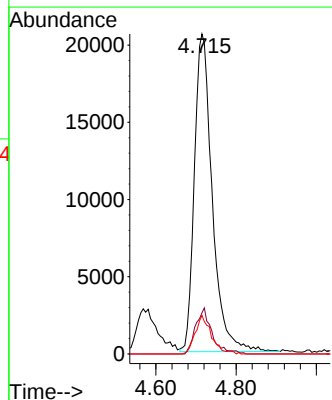
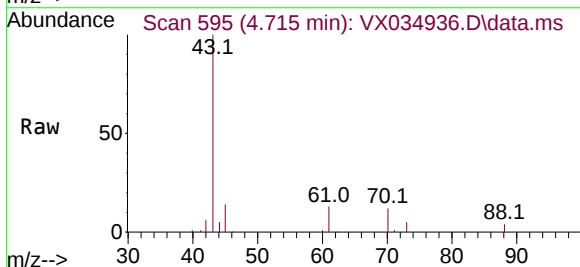
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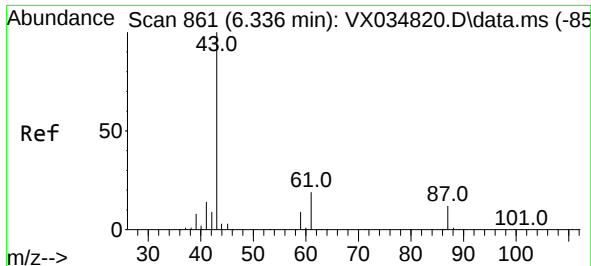
Tgt Ion:113 Resp: 142404
Ion Ratio Lower Upper
113 100
111 103.1 83.7 125.5
192 18.7 15.4 23.2



#37
Ethyl Acetate
Concen: 13.776 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX034936.D
Acq: 03 Apr 2023 16:43

Tgt Ion: 43 Resp: 63818
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.4
70 10.9 8.2 12.4

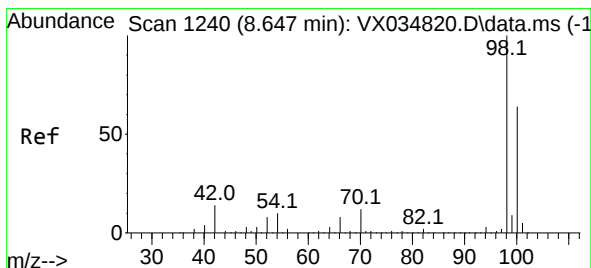
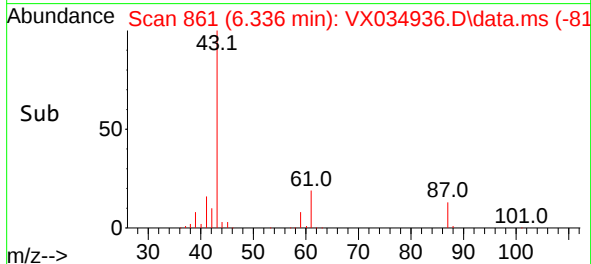
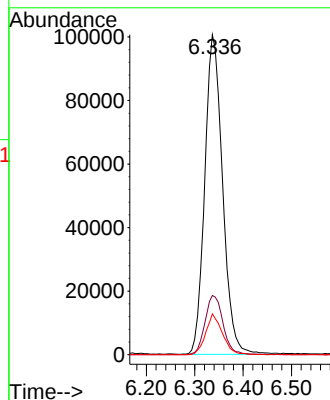
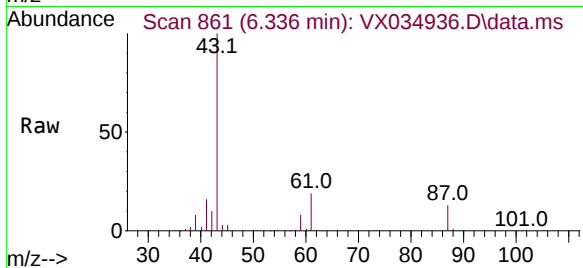




#43
Isopropyl Acetate
Concen: 33.342 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034936.D
Acq: 03 Apr 2023 16:43

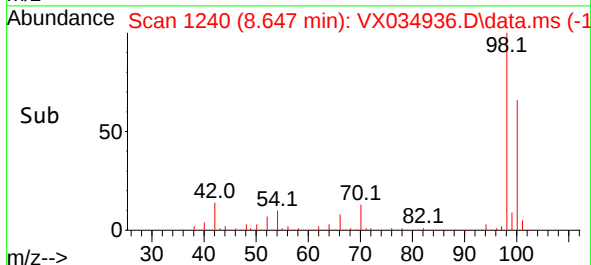
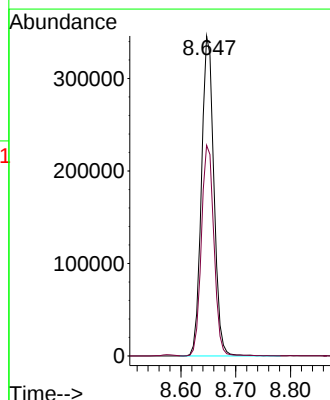
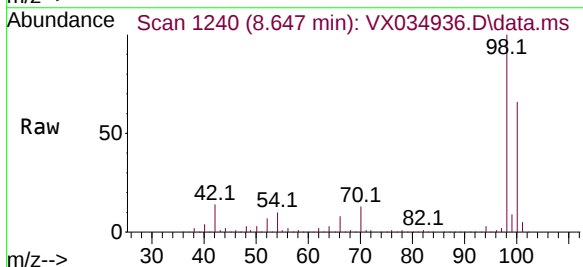
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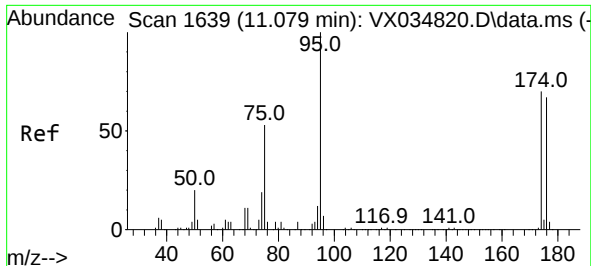
Tgt Ion: 43 Resp: 258405
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 11.9 9.8 14.8



#50
Toluene-d8
Concen: 49.333 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034936.D
Acq: 03 Apr 2023 16:43

Tgt Ion: 98 Resp: 544529
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7

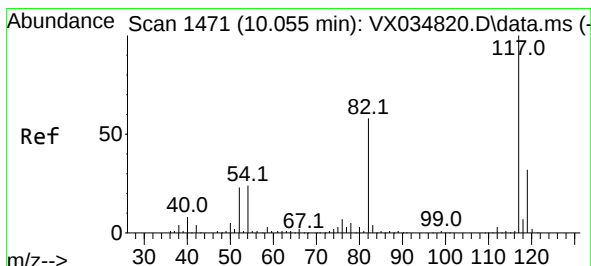
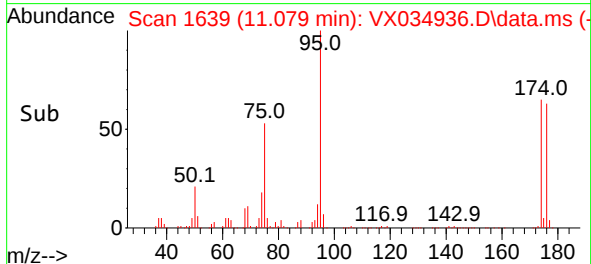
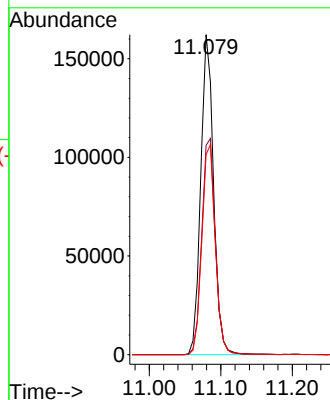
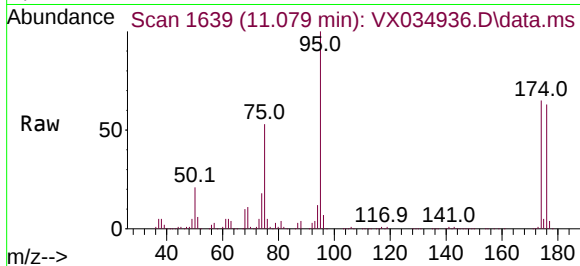




#62
4-Bromofluorobenzene
Concen: 47.363 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034936.D
Acq: 03 Apr 2023 16:43

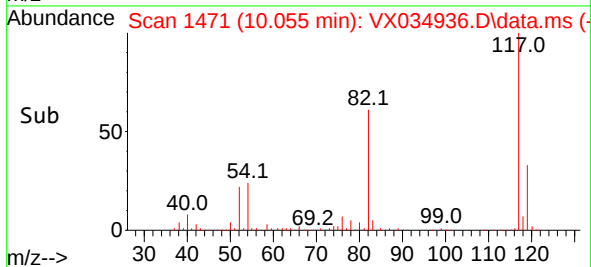
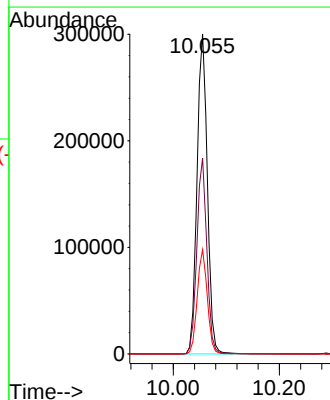
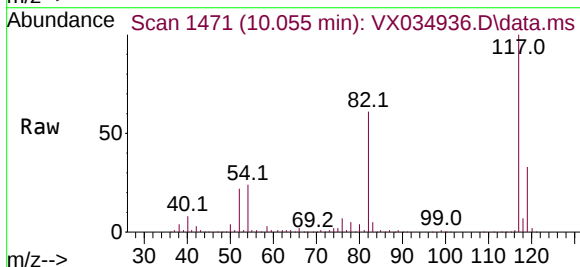
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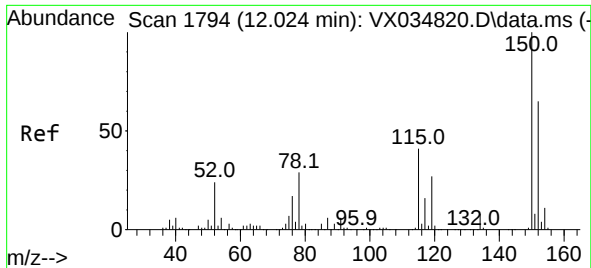
Tgt Ion: 95 Resp: 202304
Ion Ratio Lower Upper
95 100
174 71.6 0.0 147.4
176 68.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034936.D
Acq: 03 Apr 2023 16:43

Tgt Ion: 117 Resp: 406185
Ion Ratio Lower Upper
117 100
82 61.2 45.0 67.4
119 32.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034936.D

Acq: 03 Apr 2023 16:43

Instrument :

MSVOA_X

ClientSampleId :

WC-6

Tgt Ion:152 Resp: 172967

Ion Ratio Lower Upper

152 100

115 62.4 45.0 135.0

150 156.7 0.0 352.4

