

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040323\
 Data File : VX034937.D
 Acq On : 03 Apr 2023 17:06
 Operator : JC/MD
 Sample : 02161-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-5

Quant Time: Apr 03 21:40:00 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)

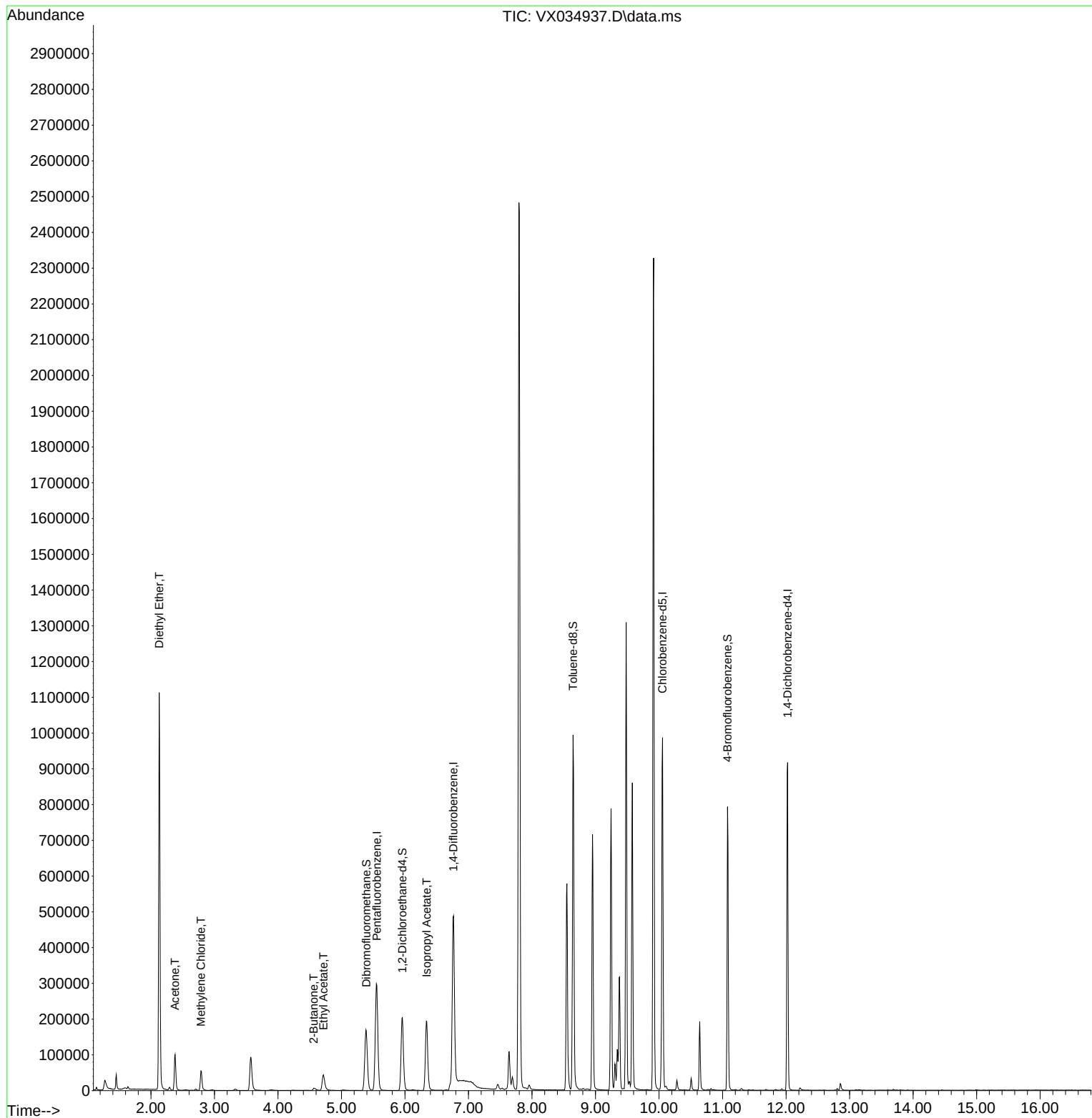
Internal Standards						
1) Pentafluorobenzene	5.556	168	265904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	462338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201687	49.596	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.200%
35) Dibromofluoromethane	5.391	113	147782	48.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.660%
50) Toluene-d8	8.647	98	560853	49.689	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.380%
62) 4-Bromofluorobenzene	11.079	95	212529	48.657	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.320%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.130	74	352638	189.244	ug/l	94
16) Acetone	2.380	43	109461	66.260	ug/l	95
20) Methylene Chloride	2.788	84	24813	7.612	ug/l	97
25) 2-Butanone	4.562	43	12406	5.163	ug/l	97
37) Ethyl Acetate	4.714	43	78779	16.630	ug/l	98
43) Isopropyl Acetate	6.342	43	271776	34.292	ug/l	99

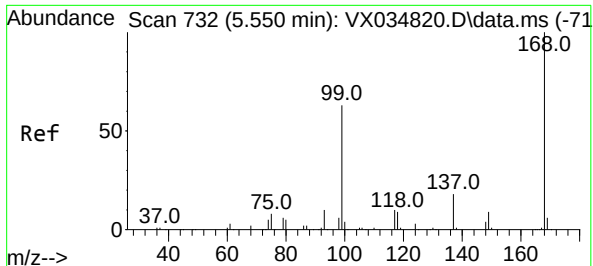
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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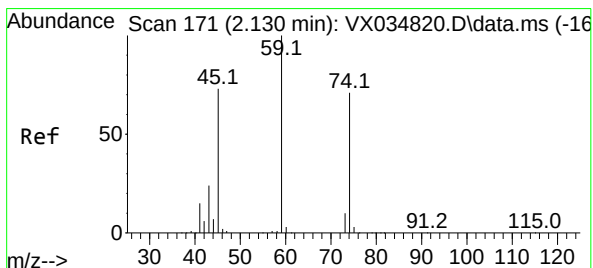
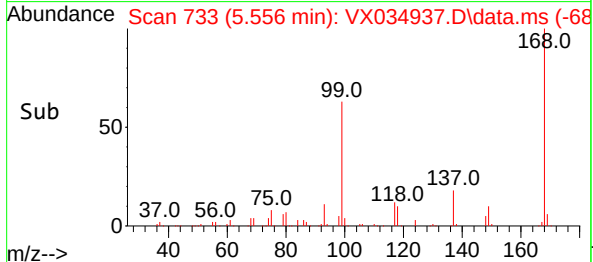
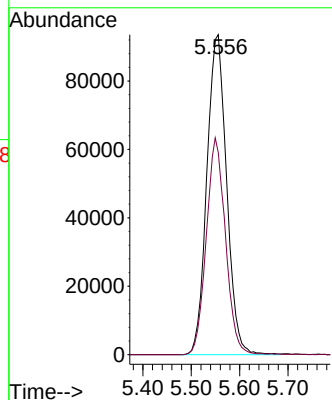
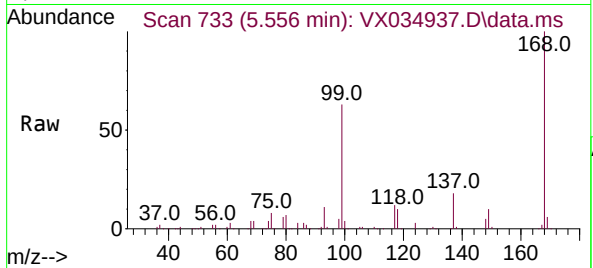




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034937.D
Acq: 03 Apr 2023 17:06

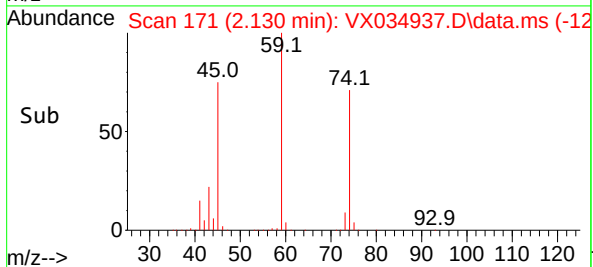
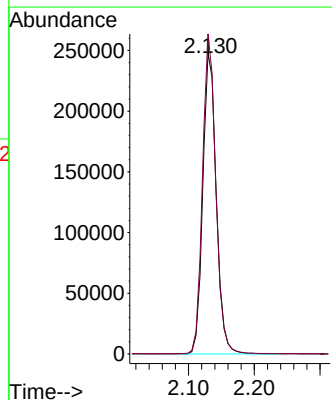
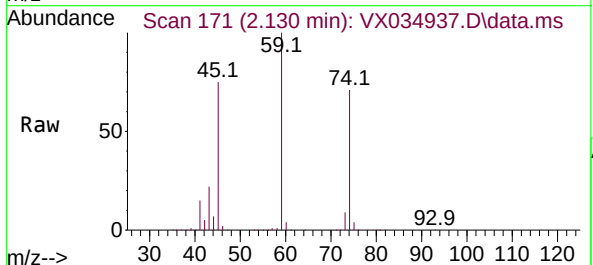
Instrument :
MSVOA_X
ClientSampleId :
WC-5

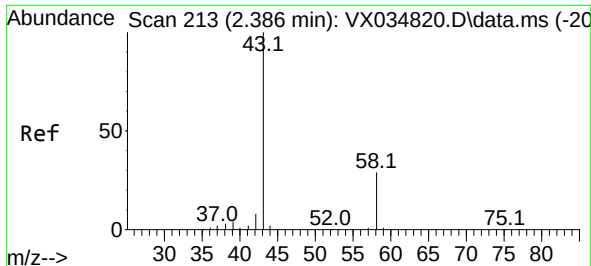
Tgt Ion:168 Resp: 265904
Ion Ratio Lower Upper
168 100
99 63.1 45.7 68.5



#8
Diethyl Ether
Concen: 189.244 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034937.D
Acq: 03 Apr 2023 17:06

Tgt Ion: 74 Resp: 352638
Ion Ratio Lower Upper
74 100
45 105.0 49.8 149.3





#16

Acetone

Concen: 66.260 ug/l

RT: 2.380 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX034937.D

Acq: 03 Apr 2023 17:06

Instrument :

MSVOA_X

ClientSampleId :

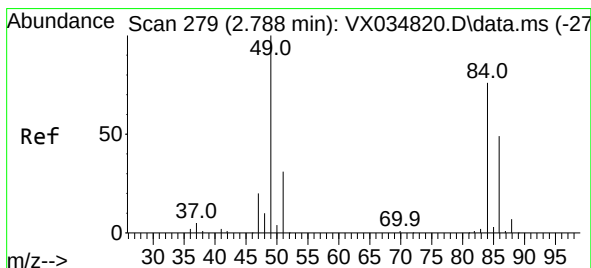
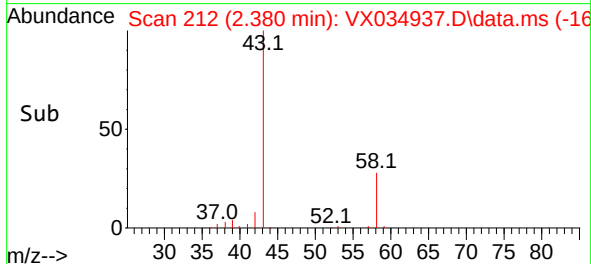
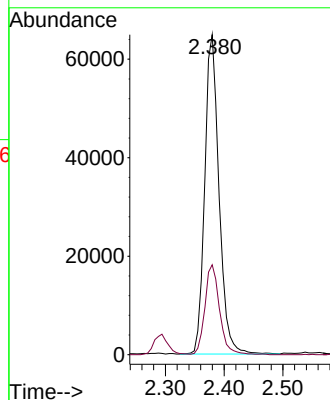
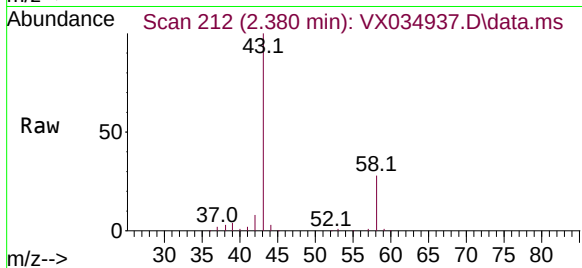
WC-5

Tgt Ion: 43 Resp: 109461

Ion Ratio Lower Upper

43 100

58 28.2 24.7 37.1



#20

Methylene Chloride

Concen: 7.612 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX034937.D

Acq: 03 Apr 2023 17:06

Tgt Ion: 84 Resp: 24813

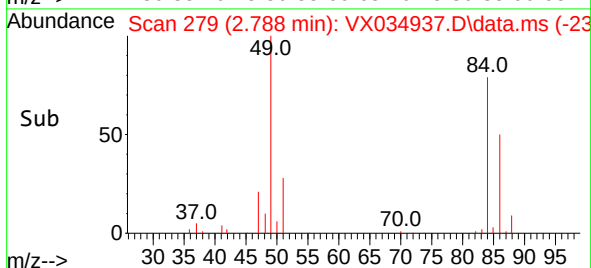
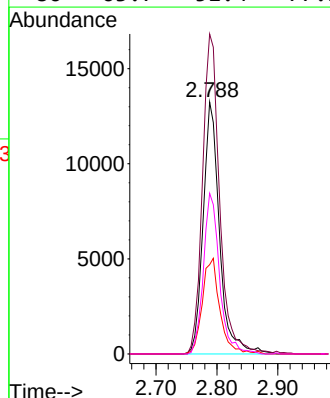
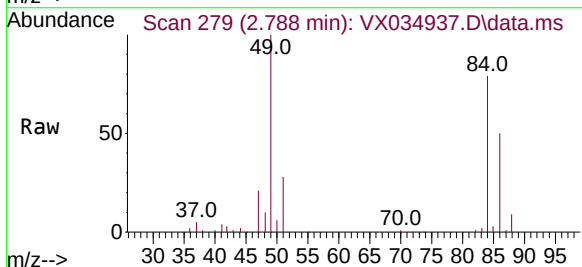
Ion Ratio Lower Upper

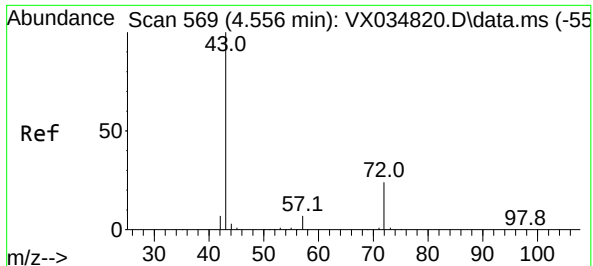
84 100

49 127.0 103.8 155.8

51 35.4 31.8 47.8

86 63.7 51.4 77.2

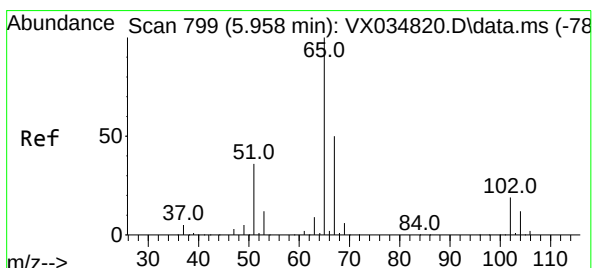
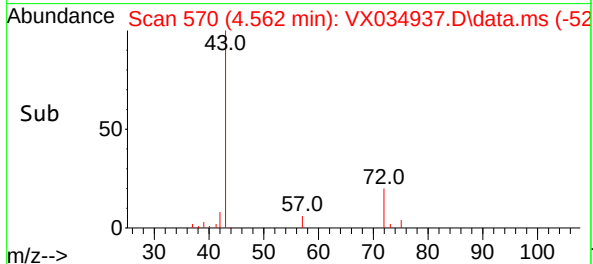
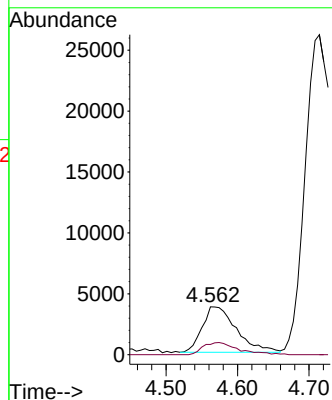
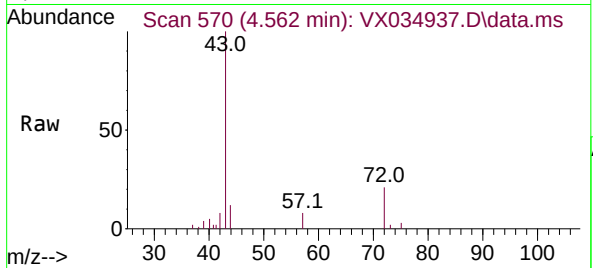




#25
2-Butanone
Concen: 5.163 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX034937.D
Acq: 03 Apr 2023 17:06

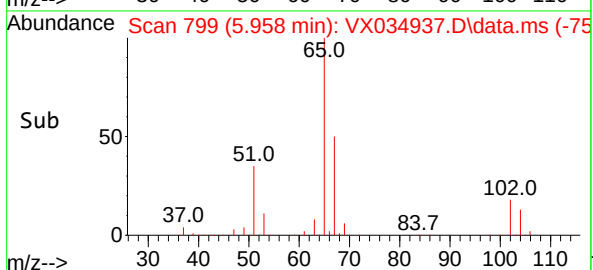
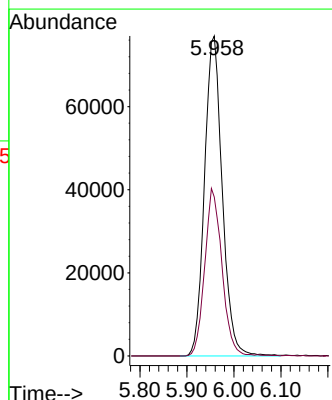
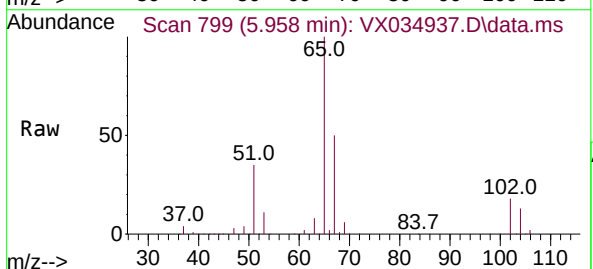
Instrument :
MSVOA_X
ClientSampleId :
WC-5

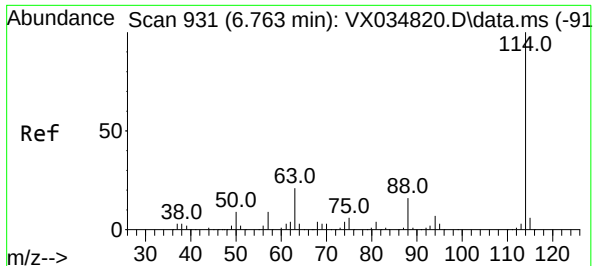
Tgt Ion: 43 Resp: 12406
Ion Ratio Lower Upper
43 100
72 22.6 19.3 28.9



#33
1,2-Dichloroethane-d4
Concen: 49.596 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034937.D
Acq: 03 Apr 2023 17:06

Tgt Ion: 65 Resp: 201687
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

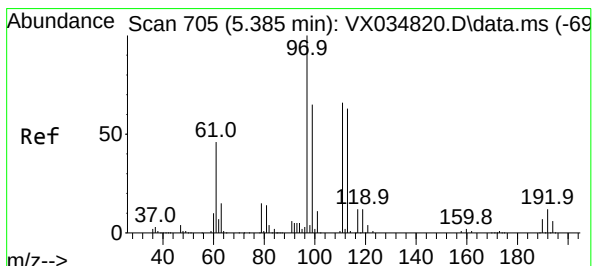
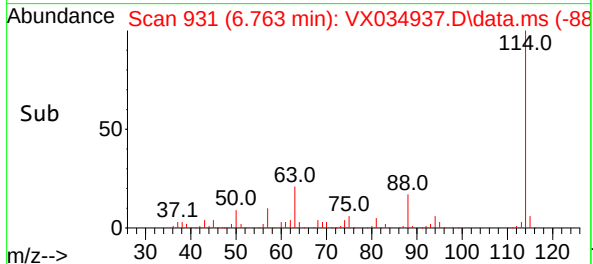
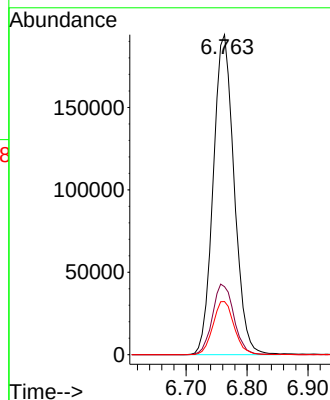
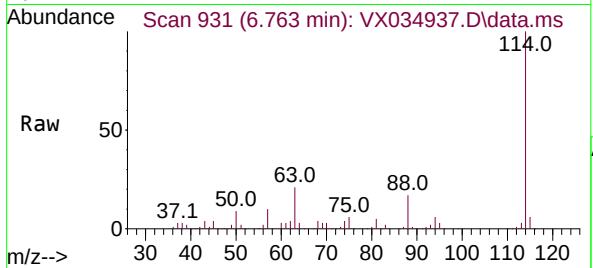




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034937.D
Acq: 03 Apr 2023 17:06

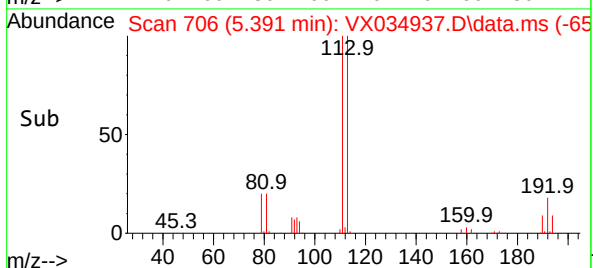
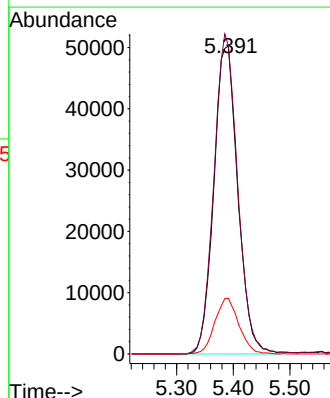
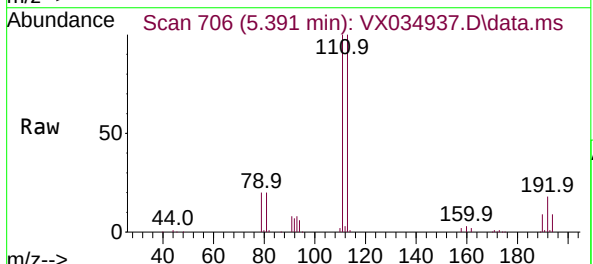
Instrument :
MSVOA_X
ClientSampleId :
WC-5

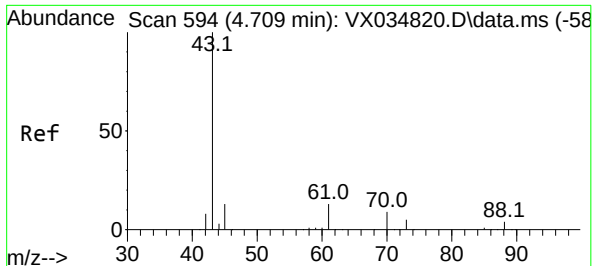
Tgt Ion:114 Resp: 462338
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.326 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX034937.D
Acq: 03 Apr 2023 17:06

Tgt Ion:113 Resp: 147782
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 18.1 15.4 23.2





#37

Ethyl Acetate

Concen: 16.630 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034937.D

Acq: 03 Apr 2023 17:06

Instrument :

MSVOA_X

ClientSampleId :

WC-5

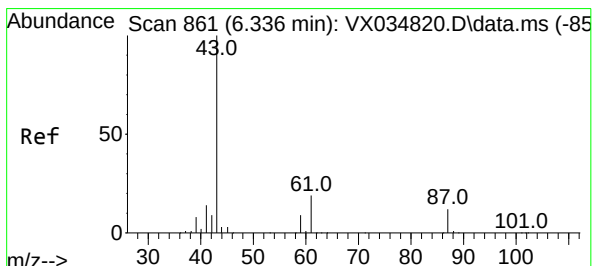
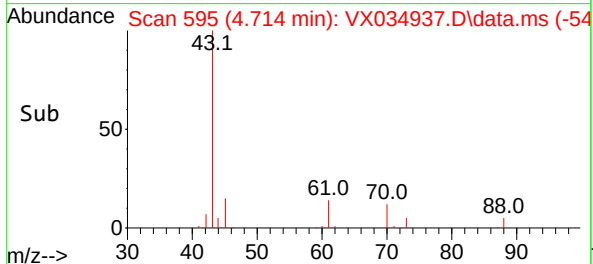
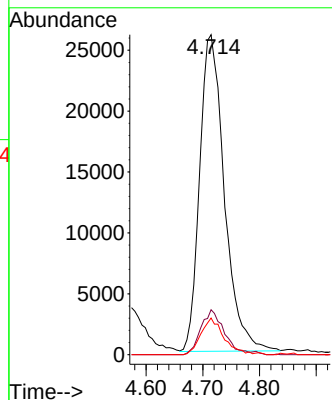
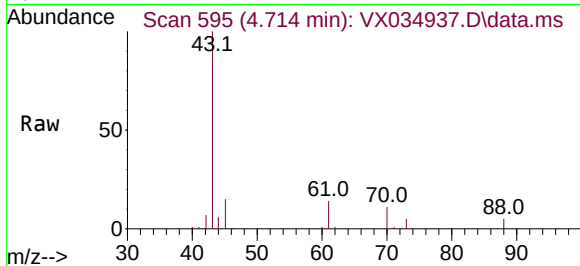
Tgt Ion: 43 Resp: 78779

Ion Ratio Lower Upper

43 100

61 13.6 10.2 15.4

70 10.9 8.2 12.4



#43

Isopropyl Acetate

Concen: 34.292 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX034937.D

Acq: 03 Apr 2023 17:06

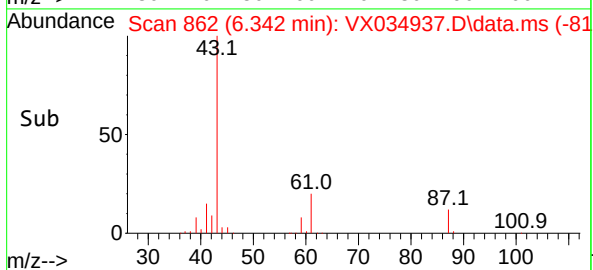
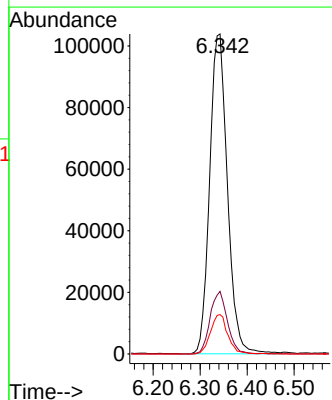
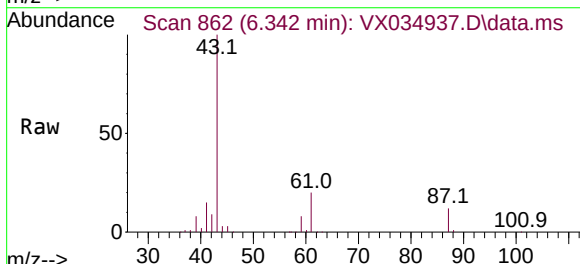
Tgt Ion: 43 Resp: 271776

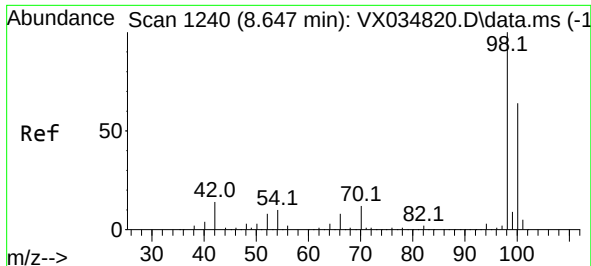
Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

87 11.9 9.8 14.8

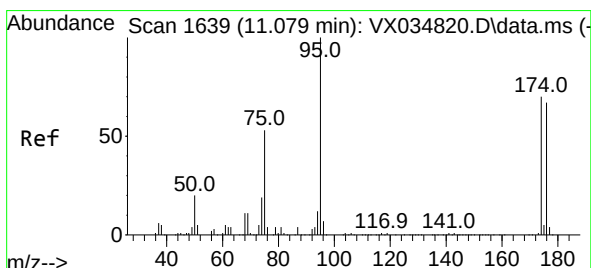
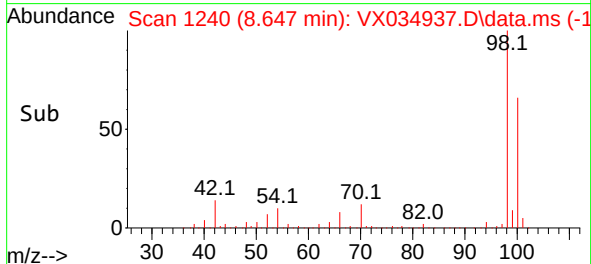
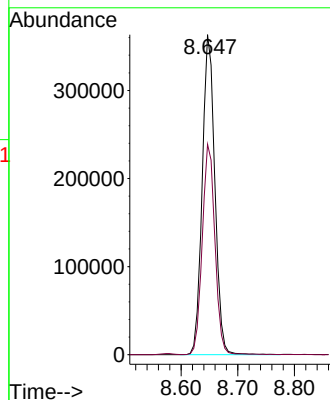
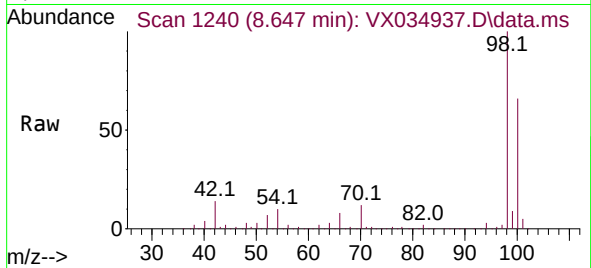




#50
Toluene-d8
Concen: 49.689 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034937.D
Acq: 03 Apr 2023 17:06

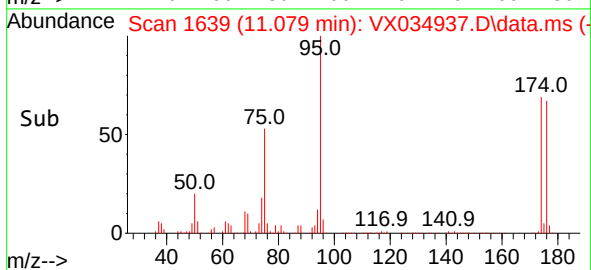
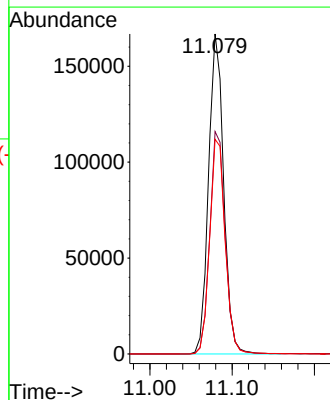
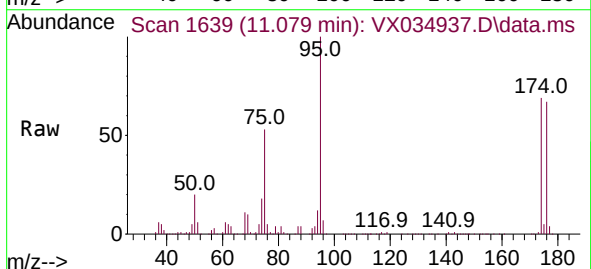
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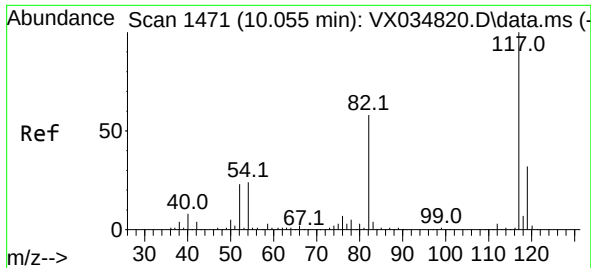
Tgt Ion: 98 Resp: 560853
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.657 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034937.D
Acq: 03 Apr 2023 17:06

Tgt Ion: 95 Resp: 212529
Ion Ratio Lower Upper
95 100
174 70.7 0.0 147.4
176 68.9 0.0 140.6

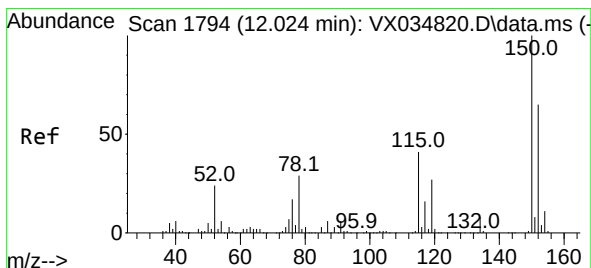
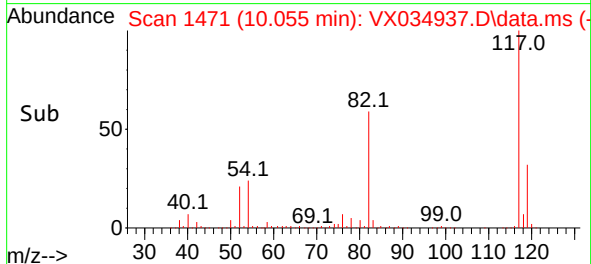
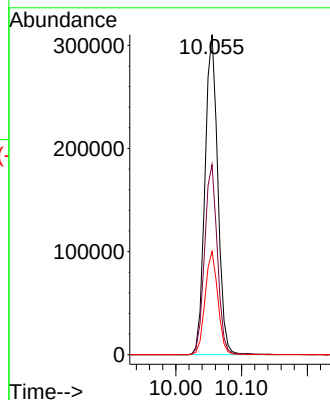
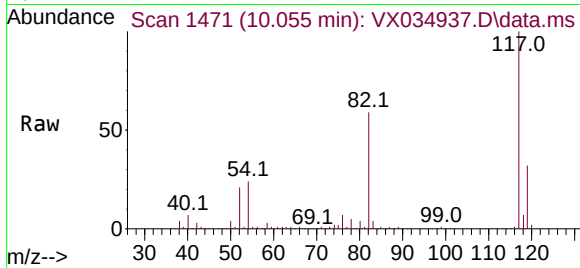




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034937.D
Acq: 03 Apr 2023 17:06

Instrument :
MSVOA_X
ClientSampleId :
WC-5

Tgt Ion:117 Resp: 421083
Ion Ratio Lower Upper
117 100
82 59.4 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034937.D
Acq: 03 Apr 2023 17:06

Tgt Ion:152 Resp: 186546
Ion Ratio Lower Upper
152 100
115 63.5 45.0 135.0
150 156.3 0.0 352.4

