

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
 Data File : VX034369.D
 Acq On : 07 Mar 2023 13:48
 Operator : JC/MD
 Sample : 01825-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HH-TP4-0306

Quant Time: Mar 08 01:02:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

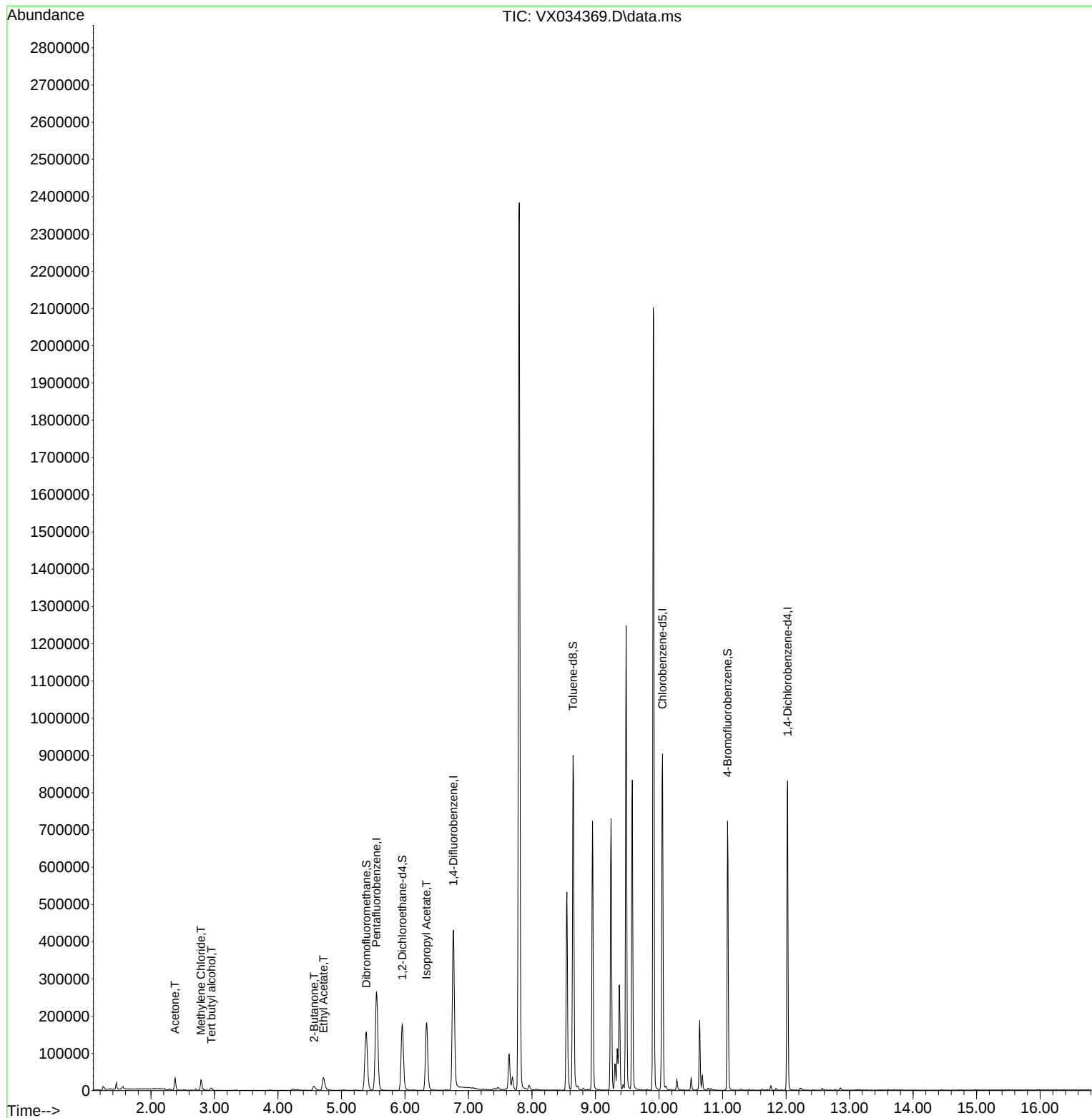
Internal Standards						
1) Pentafluorobenzene	5.550	168	259590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439846	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	400424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164610	47.084	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.160%		
35) Dibromofluoromethane	5.391	113	137081	47.866	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.740%		
50) Toluene-d8	8.647	98	534289	51.963	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.920%		
62) 4-Bromofluorobenzene	11.079	95	188144	47.838	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.680%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	5740	7.341	ug/l #	90
16) Acetone	2.380	43	34888	19.345	ug/l	97
20) Methylene Chloride	2.788	84	12874	3.962	ug/l	93
25) 2-Butanone	4.568	43	19776	7.579	ug/l	99
37) Ethyl Acetate	4.714	43	62444	13.192	ug/l	99
43) Isopropyl Acetate	6.336	43	258738	30.976	ug/l	99

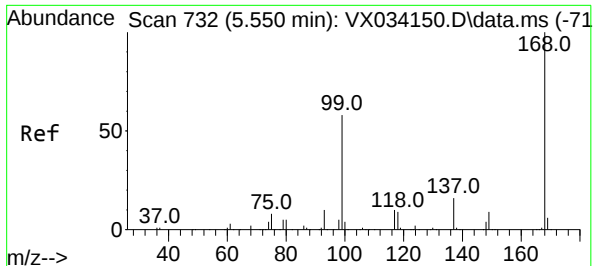
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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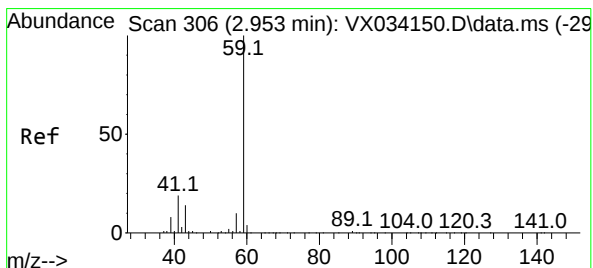
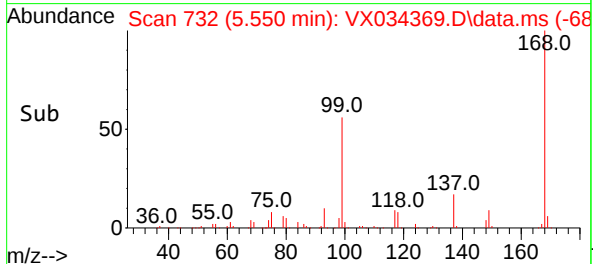
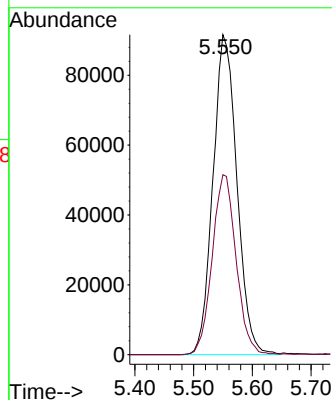
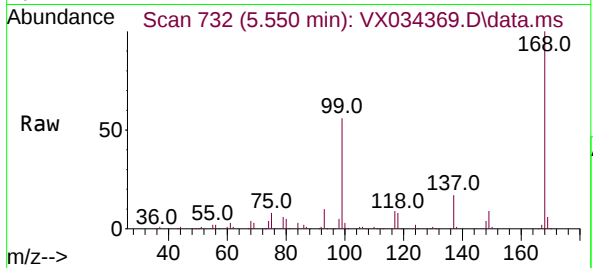




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX034369.D
Acq: 07 Mar 2023 13:48

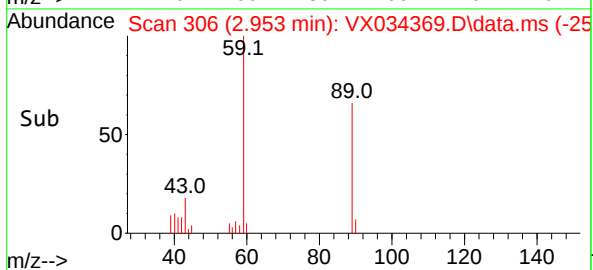
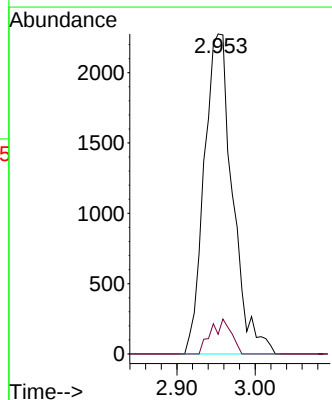
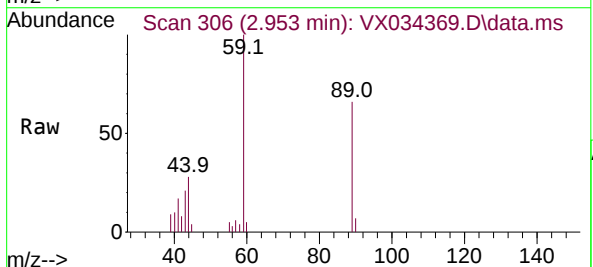
Instrument :
MSVOA_X
ClientSampleId :
HH-TP4-0306

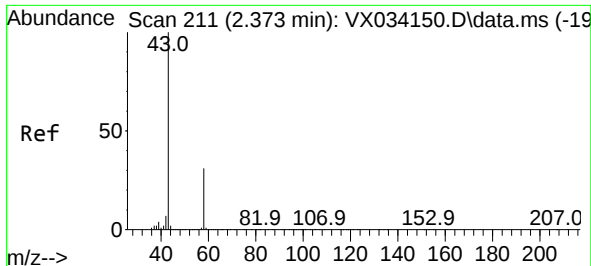
Tgt Ion:168 Resp: 259590
Ion Ratio Lower Upper
168 100
99 56.2 39.6 59.4



#11
Tert butyl alcohol
Concen: 7.341 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034369.D
Acq: 07 Mar 2023 13:48

Tgt Ion: 59 Resp: 5740
Ion Ratio Lower Upper
59 100
57 7.8 3.7 5.5#

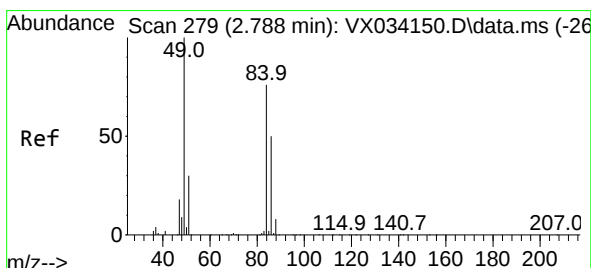
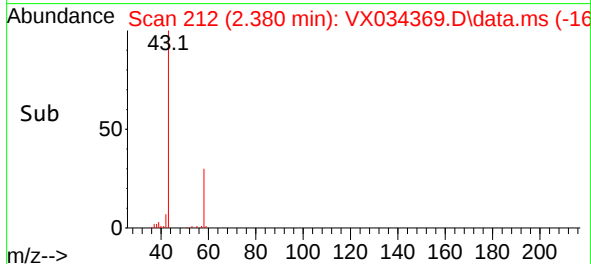
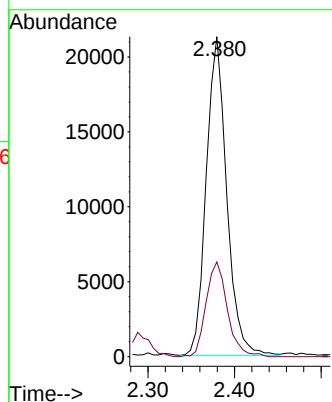
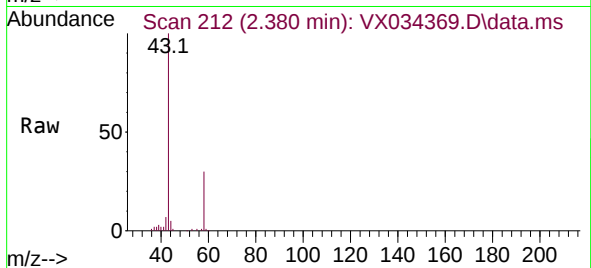




#16
Acetone
Concen: 19.345 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034369.D
Acq: 07 Mar 2023 13:48

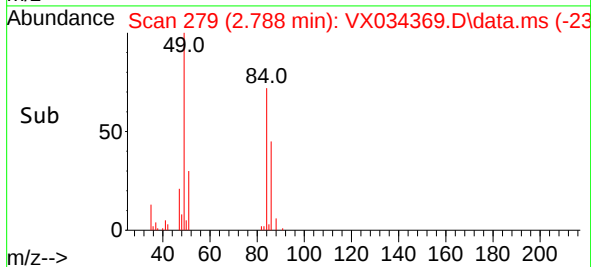
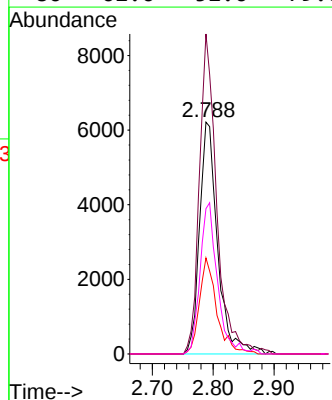
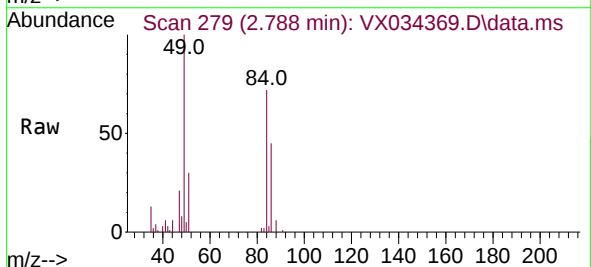
Instrument :
MSVOA_X
ClientSampleId :
HH-TP4-0306

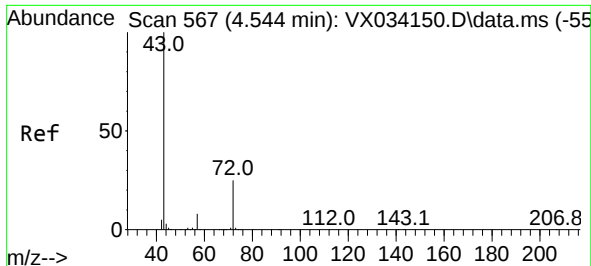
Tgt Ion: 43 Resp: 34888
Ion Ratio Lower Upper
43 100
58 29.7 22.6 33.8



#20
Methylene Chloride
Concen: 3.962 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034369.D
Acq: 07 Mar 2023 13:48

Tgt Ion: 84 Resp: 12874
Ion Ratio Lower Upper
84 100
49 138.0 101.1 151.7
51 41.4 31.0 46.6
86 62.6 52.6 79.0





#25

2-Butanone

Concen: 7.579 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX034369.D

Acq: 07 Mar 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

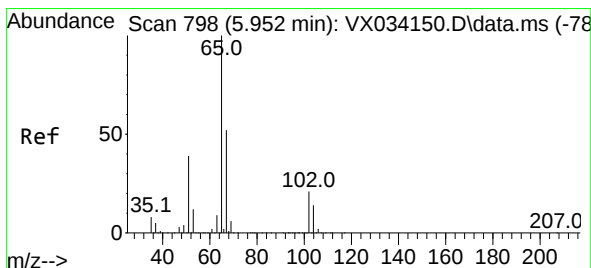
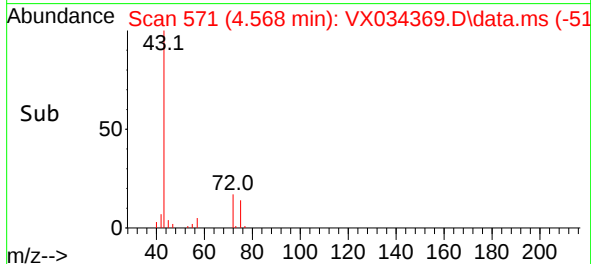
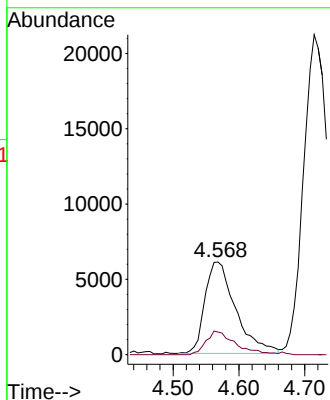
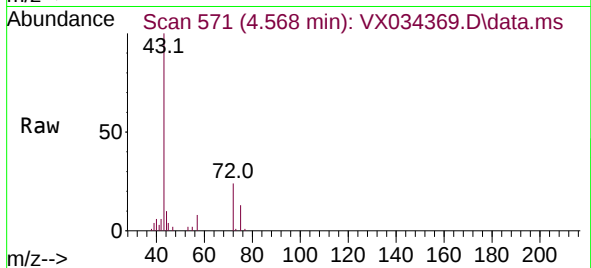
HH-TP4-0306

Tgt Ion: 43 Resp: 19776

Ion Ratio Lower Upper

43 100

72 24.6 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 47.084 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX034369.D

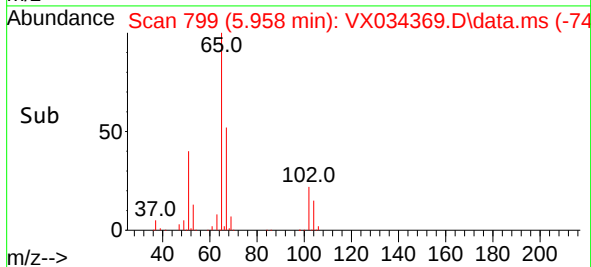
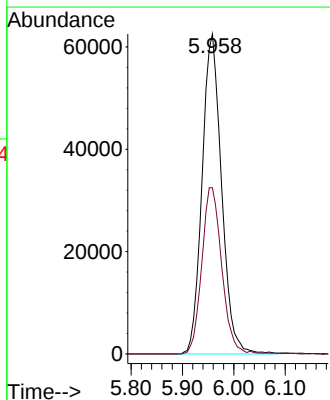
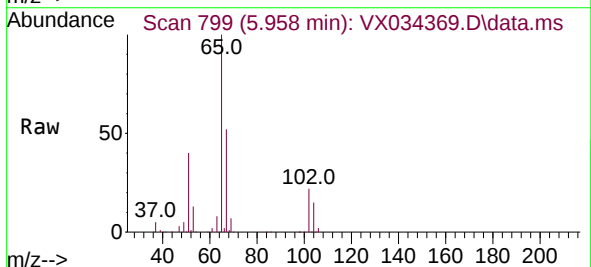
Acq: 07 Mar 2023 13:48

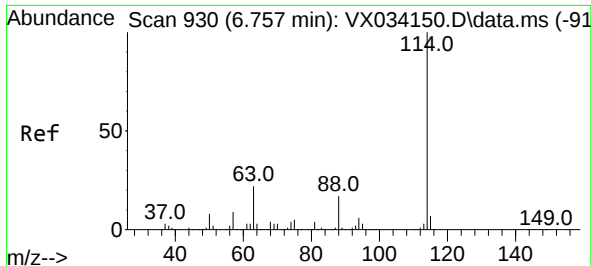
Tgt Ion: 65 Resp: 164610

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8

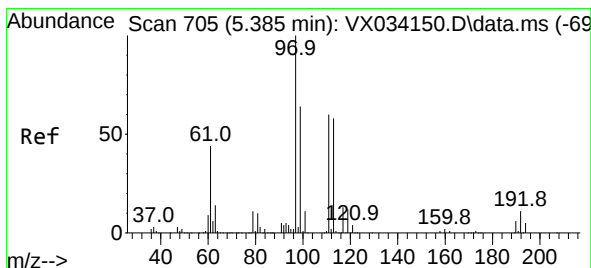
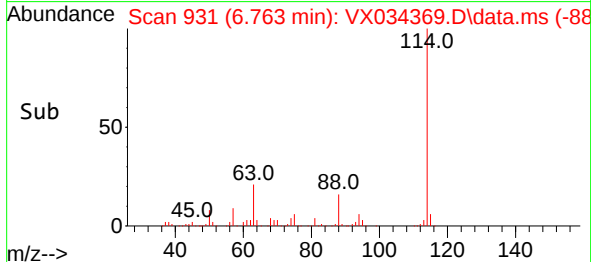
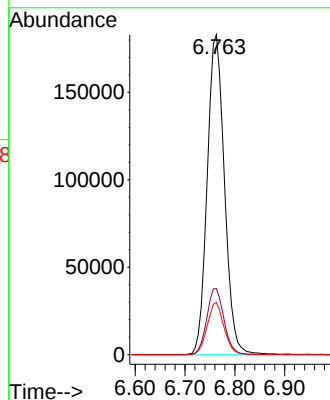
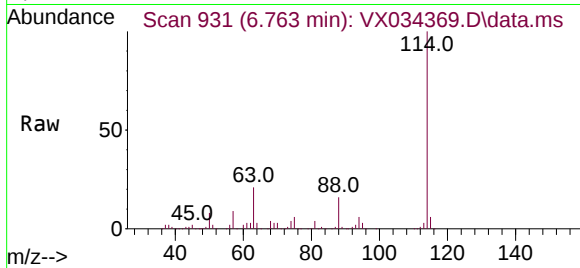




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034369.D
Acq: 07 Mar 2023 13:48

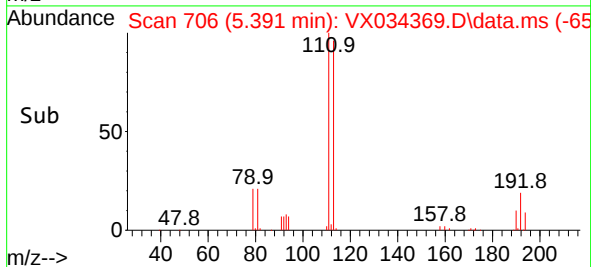
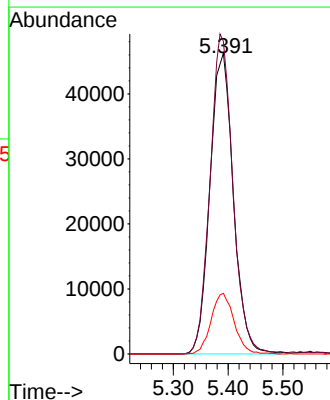
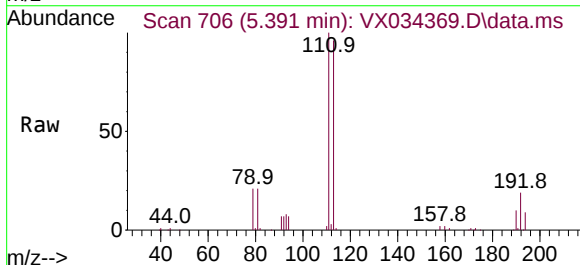
Instrument :
MSVOA_X
ClientSampleId :
HH-TP4-0306

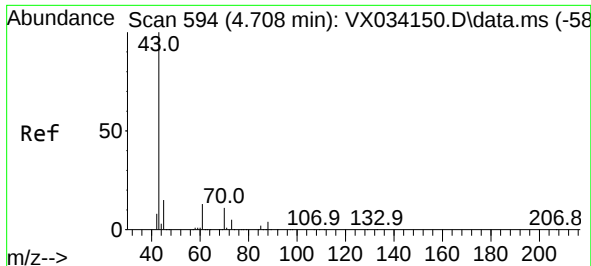
Tgt Ion:114 Resp: 439846
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.866 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX034369.D
Acq: 07 Mar 2023 13:48

Tgt Ion:113 Resp: 137081
Ion Ratio Lower Upper
113 100
111 104.0 83.0 124.6
192 19.9 19.0 28.4





#37

Ethyl Acetate

Concen: 13.192 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034369.D

Acq: 07 Mar 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

HH-TP4-0306

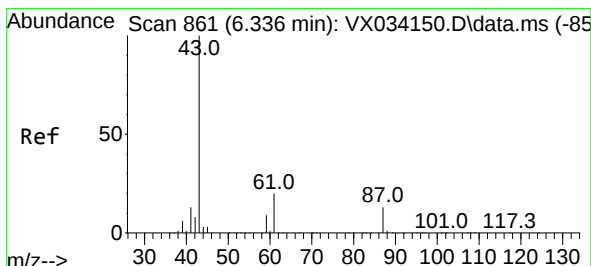
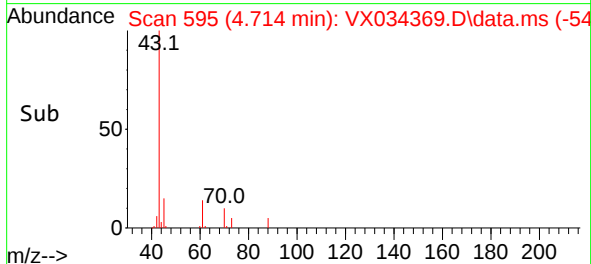
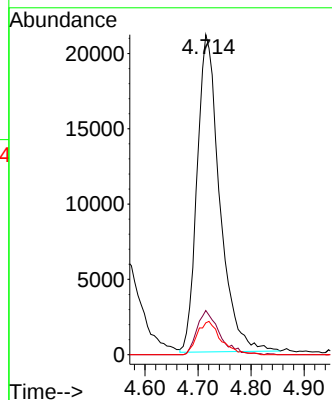
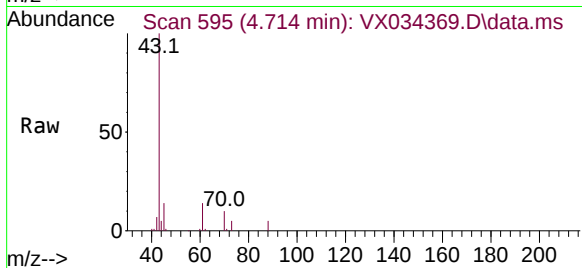
Tgt Ion: 43 Resp: 62444

Ion Ratio Lower Upper

43 100

61 13.8 11.1 16.7

70 11.0 8.5 12.7



#43

Isopropyl Acetate

Concen: 30.976 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX034369.D

Acq: 07 Mar 2023 13:48

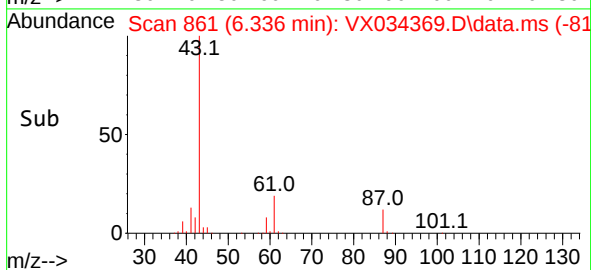
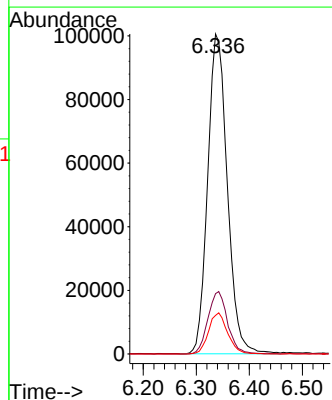
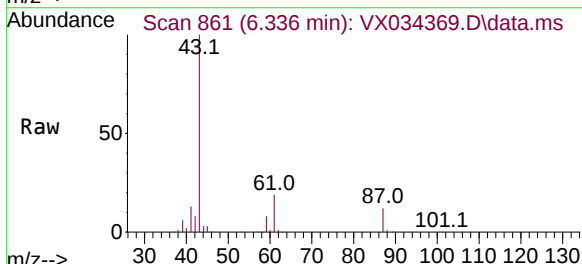
Tgt Ion: 43 Resp: 258738

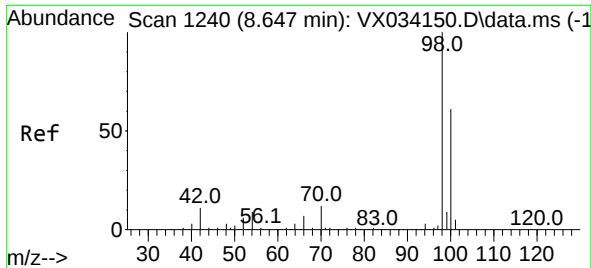
Ion Ratio Lower Upper

43 100

61 19.6 15.7 23.5

87 12.5 10.6 15.8

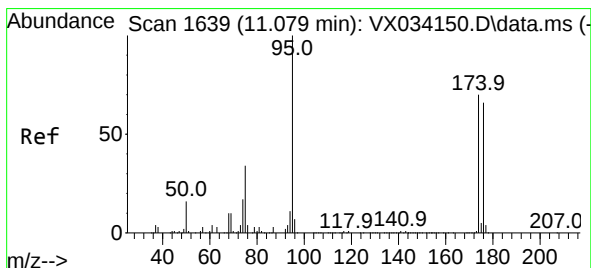
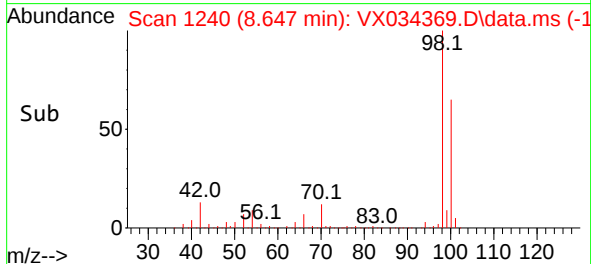
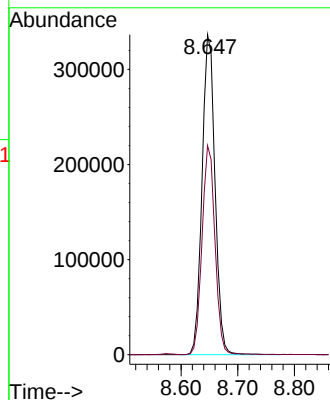
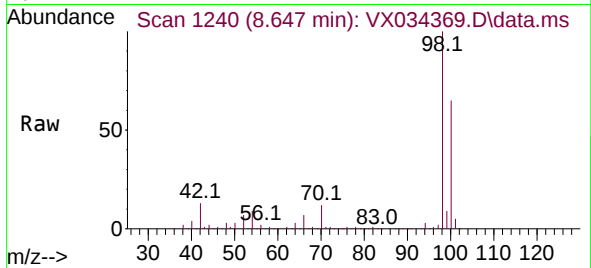




#50
Toluene-d8
Concen: 51.963 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034369.D
Acq: 07 Mar 2023 13:48

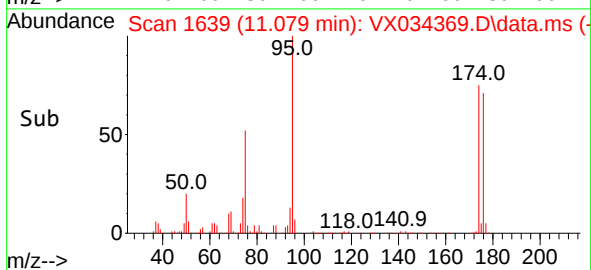
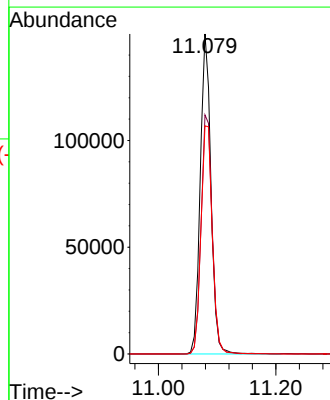
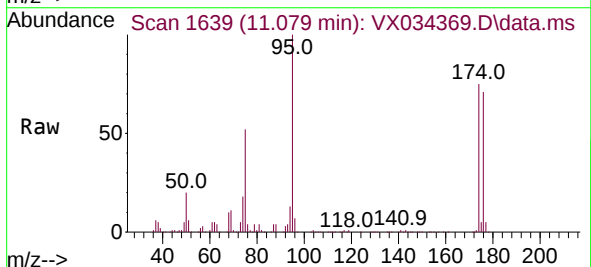
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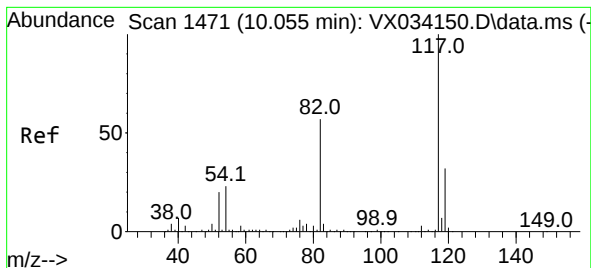
Tgt Ion: 98 Resp: 534289
Ion Ratio Lower Upper
98 100
100 65.0 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 47.838 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034369.D
Acq: 07 Mar 2023 13:48

Tgt Ion: 95 Resp: 188144
Ion Ratio Lower Upper
95 100
174 77.4 0.0 184.4
176 76.2 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034369.D

Acq: 07 Mar 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

HH-TP4-0306

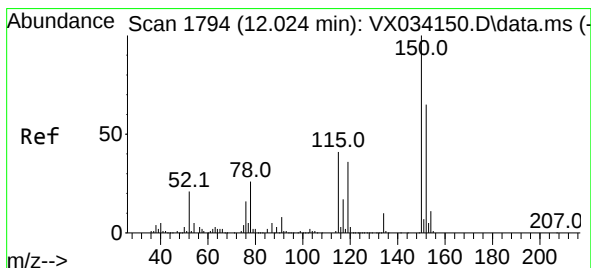
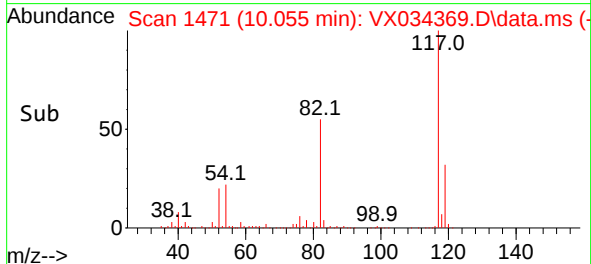
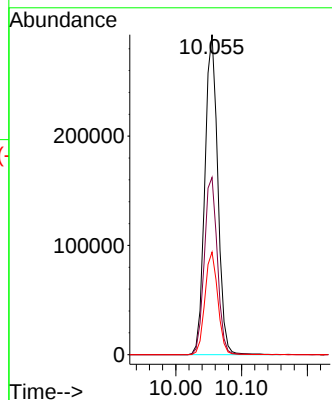
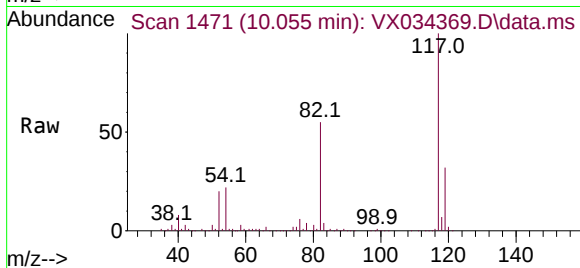
Tgt Ion:117 Resp: 400424

Ion Ratio Lower Upper

117 100

82 55.4 40.6 60.8

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034369.D

Acq: 07 Mar 2023 13:48

Tgt Ion:152 Resp: 175495

Ion Ratio Lower Upper

152 100

115 59.3 38.7 116.1

150 156.3 0.0 348.2

