

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030723\
 Data File : VX034367.D
 Acq On : 07 Mar 2023 13:01
 Operator : JC/MD
 Sample : 01825-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HH-TP2-0306

Quant Time: Mar 08 01:01:48 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)

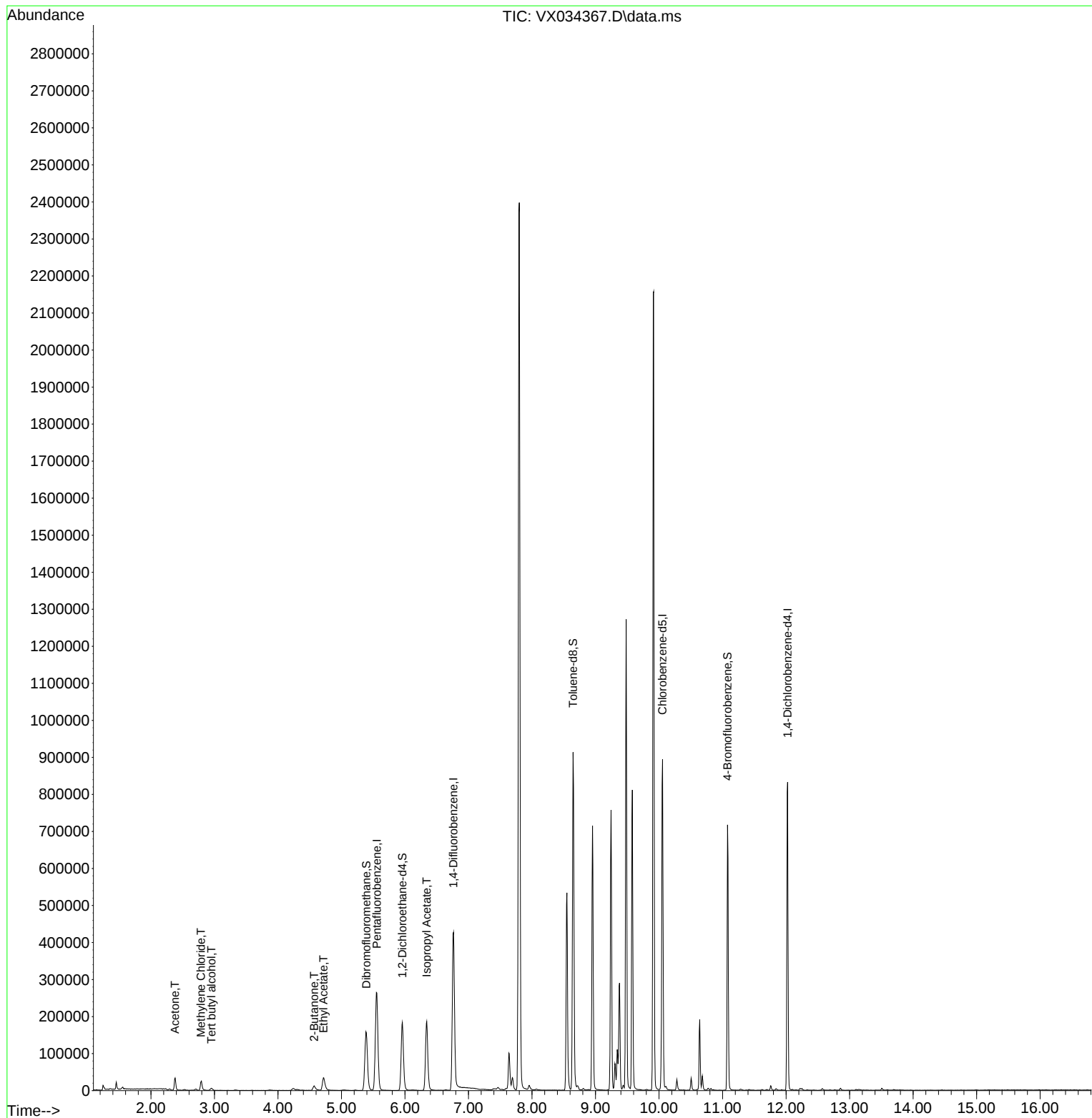
Internal Standards						
1) Pentafluorobenzene	5.556	168	258791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165054	47.357	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.720%		
35) Dibromofluoromethane	5.391	113	139043	48.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	8.647	98	535958	52.078	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.160%		
62) 4-Bromofluorobenzene	11.079	95	188089	47.780	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.560%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	5779	7.413	ug/l #	86
16) Acetone	2.380	43	35567	19.783	ug/l #	89
20) Methylene Chloride	2.788	84	12246	3.780	ug/l	94
25) 2-Butanone	4.568	43	19867	7.637	ug/l	96
37) Ethyl Acetate	4.715	43	61001	12.876	ug/l	99
43) Isopropyl Acetate	6.342	43	261966	31.334	ug/l	99

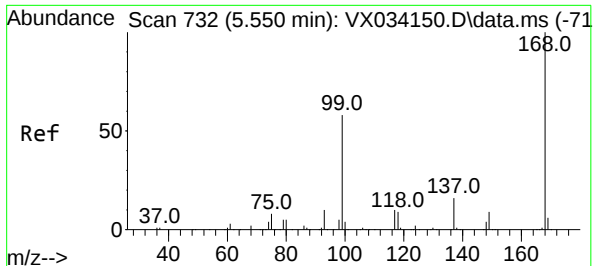
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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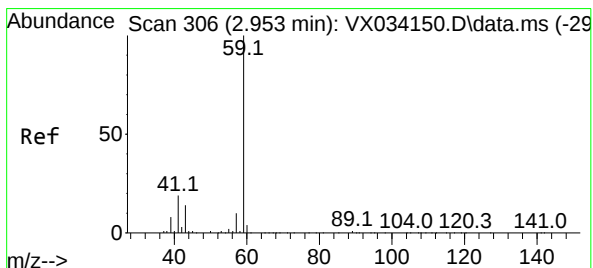
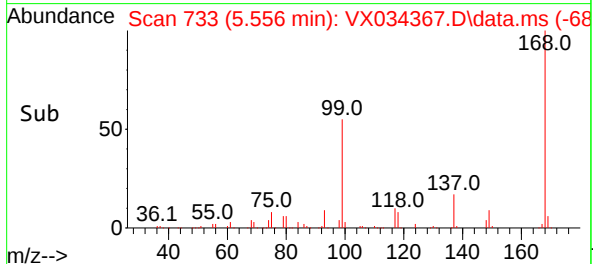
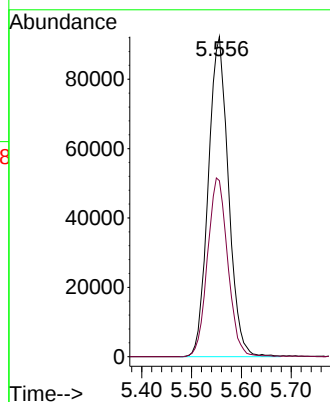
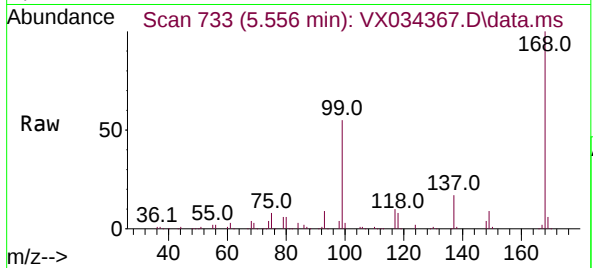




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

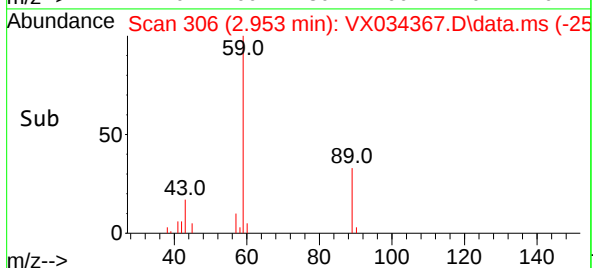
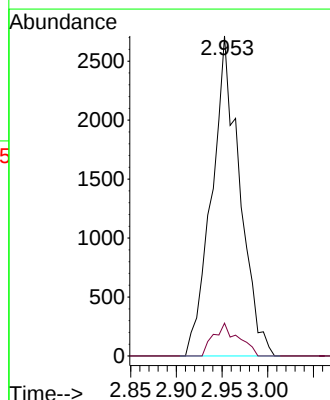
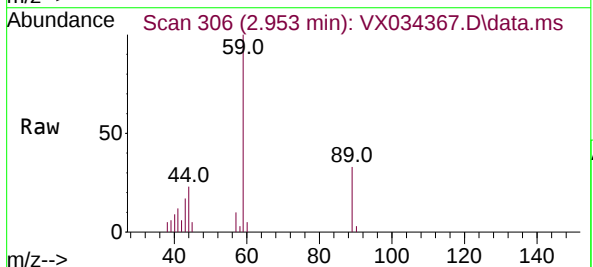
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

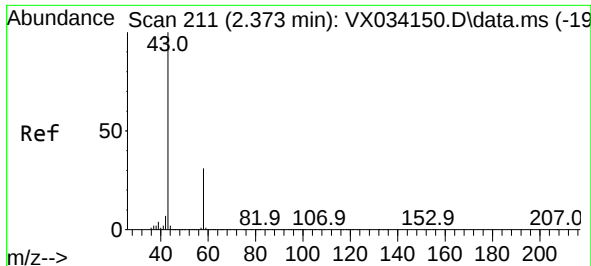
Tgt Ion:168 Resp: 258791
Ion Ratio Lower Upper
168 100
99 55.0 39.6 59.4



#11
Tert butyl alcohol
Concen: 7.413 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 59 Resp: 5779
Ion Ratio Lower Upper
59 100
57 9.1 3.7 5.5#

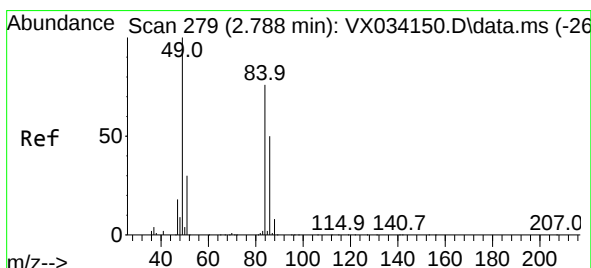
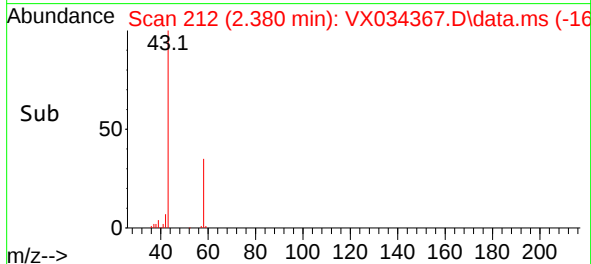
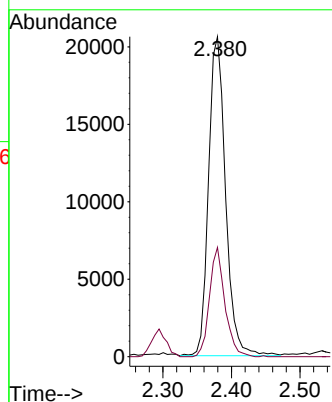
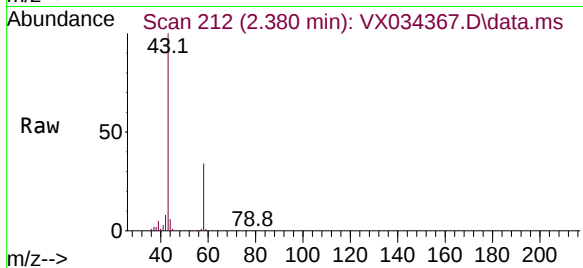




#16
Acetone
Concen: 19.783 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

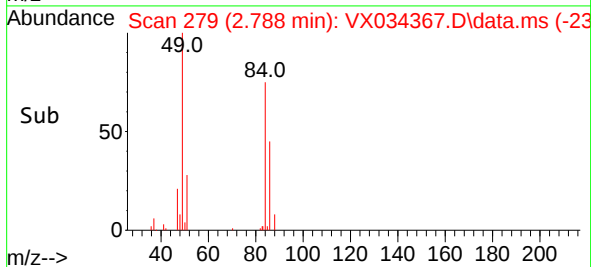
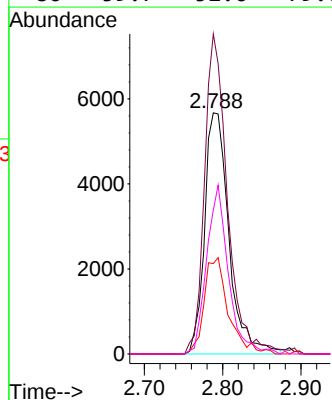
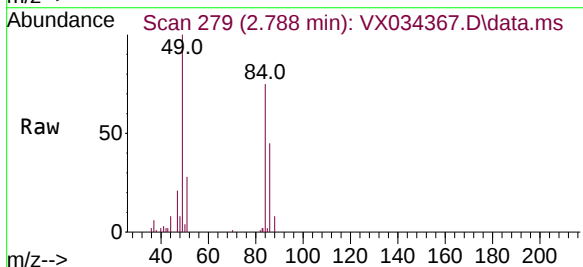
Instrument :
MSVOA_X
ClientSampleId :
HH-TP2-0306

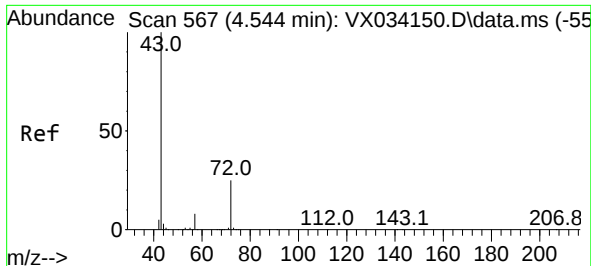
Tgt Ion: 43 Resp: 35567
Ion Ratio Lower Upper
43 100
58 34.2 22.6 33.8#



#20
Methylene Chloride
Concen: 3.780 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 84 Resp: 12246
Ion Ratio Lower Upper
84 100
49 132.7 101.1 151.7
51 37.5 31.0 46.6
86 59.7 52.6 79.0





#25

2-Butanone

Concen: 7.637 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX034367.D

Acq: 07 Mar 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

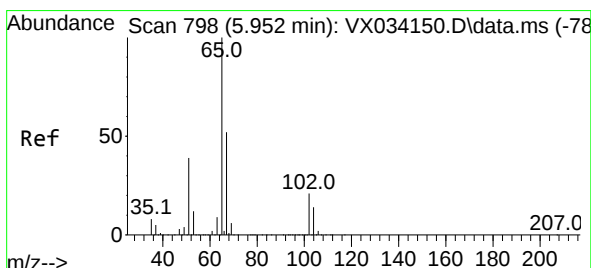
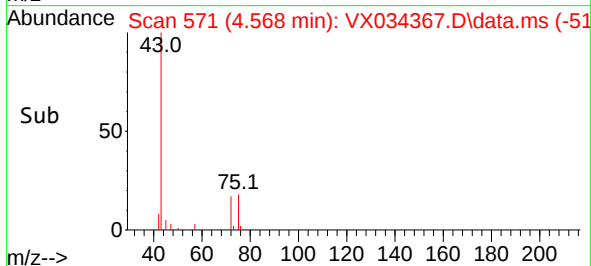
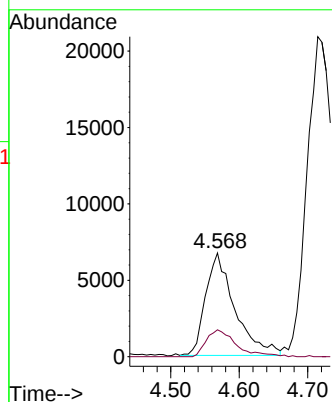
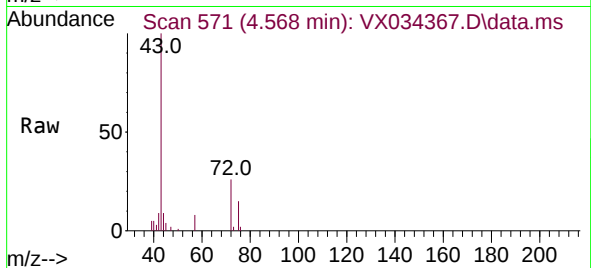
HH-TP2-0306

Tgt Ion: 43 Resp: 19867

Ion Ratio Lower Upper

43 100

72 26.2 19.4 29.2



#33

1,2-Dichloroethane-d4

Concen: 47.357 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX034367.D

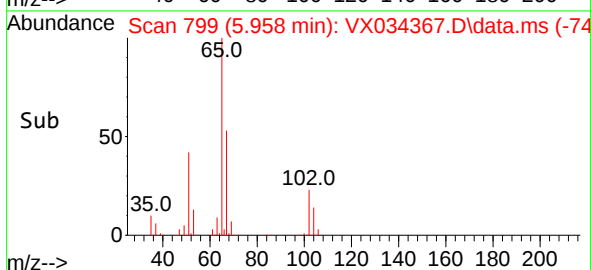
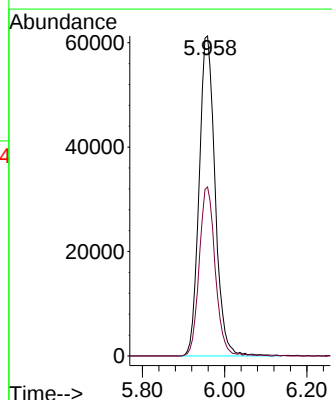
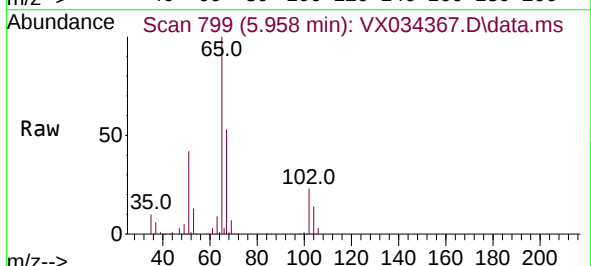
Acq: 07 Mar 2023 13:01

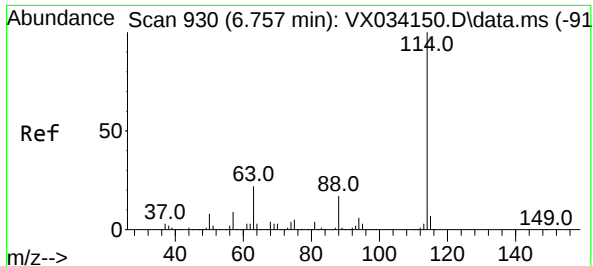
Tgt Ion: 65 Resp: 165054

Ion Ratio Lower Upper

65 100

67 53.1 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: VX034367.D

Acq: 07 Mar 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

HH-TP2-0306

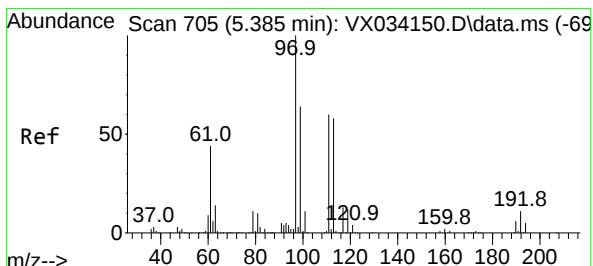
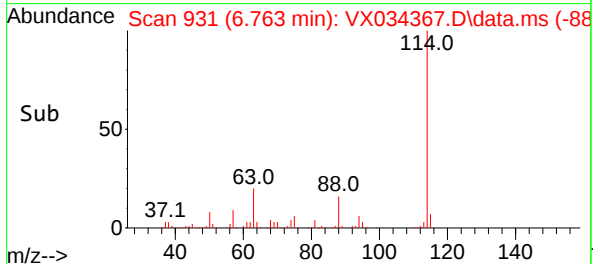
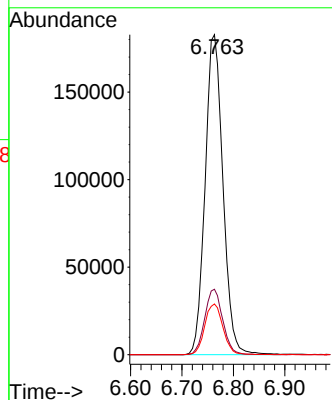
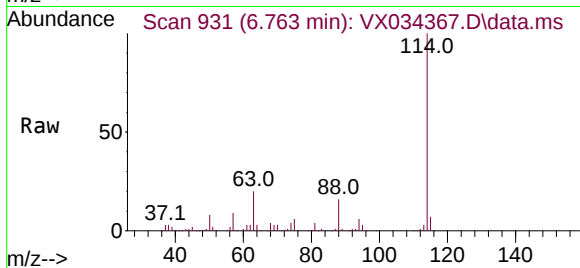
Tgt Ion:114 Resp: 440248

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.507 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX034367.D

Acq: 07 Mar 2023 13:01

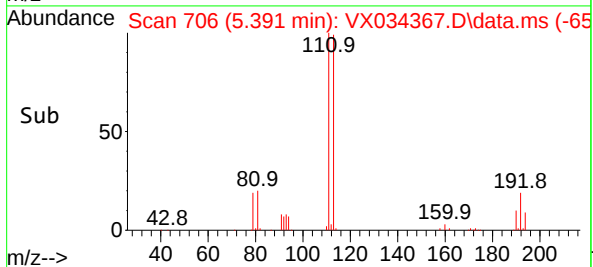
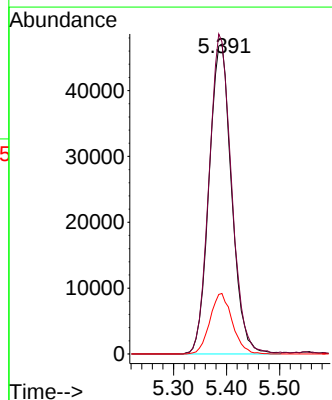
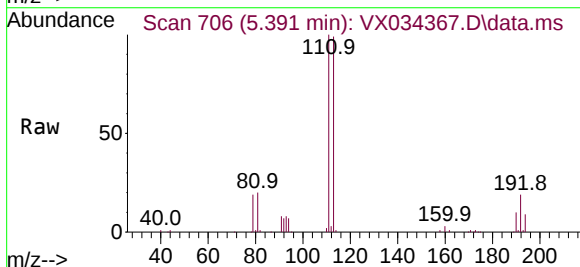
Tgt Ion:113 Resp: 139043

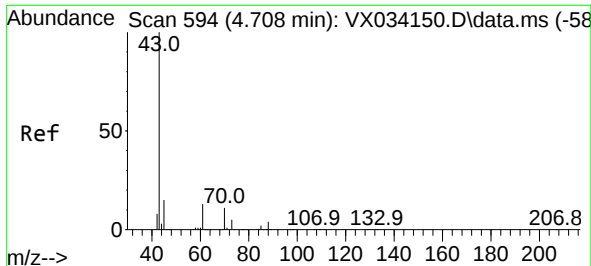
Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

192 19.3 19.0 28.4





#37

Ethyl Acetate

Concen: 12.876 ug/l

RT: 4.715 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX034367.D

Acq: 07 Mar 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

HH-TP2-0306

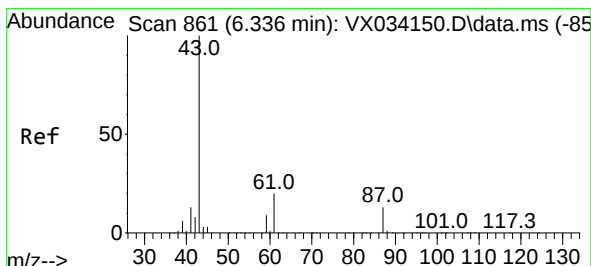
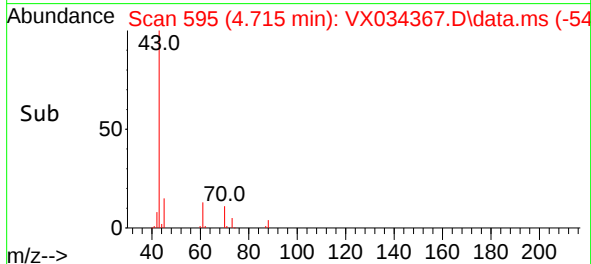
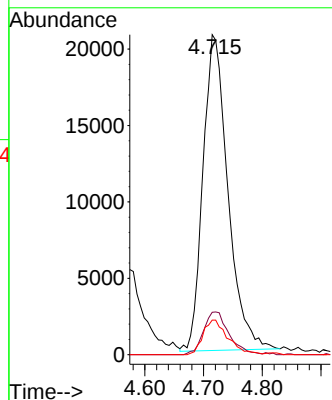
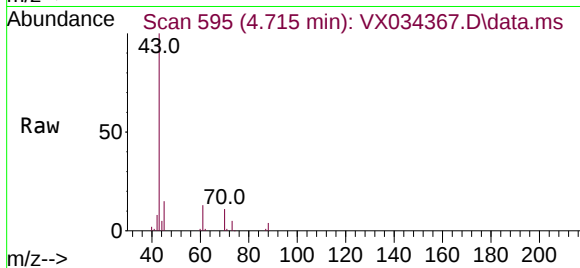
Tgt Ion: 43 Resp: 61001

Ion Ratio Lower Upper

43 100

61 13.8 11.1 16.7

70 11.0 8.5 12.7



#43

Isopropyl Acetate

Concen: 31.334 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX034367.D

Acq: 07 Mar 2023 13:01

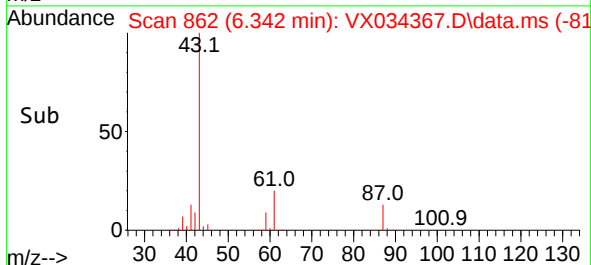
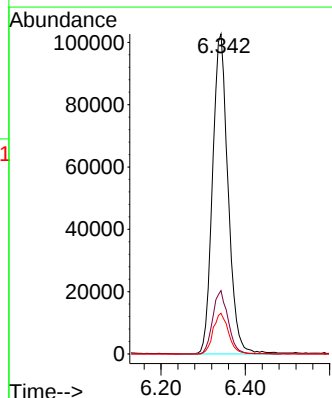
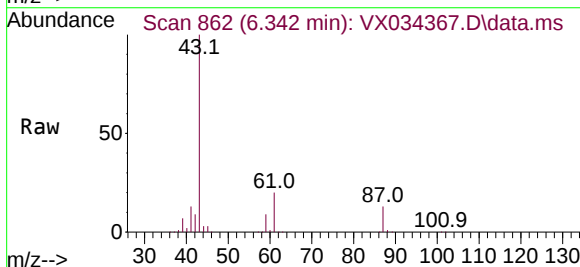
Tgt Ion: 43 Resp: 261966

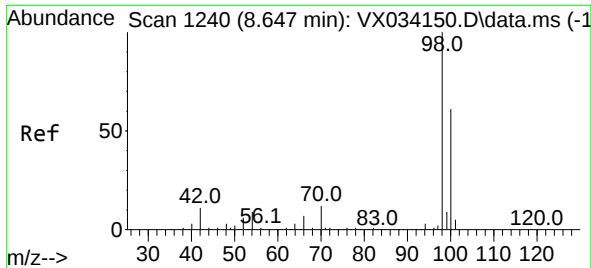
Ion Ratio Lower Upper

43 100

61 19.7 15.7 23.5

87 12.5 10.6 15.8

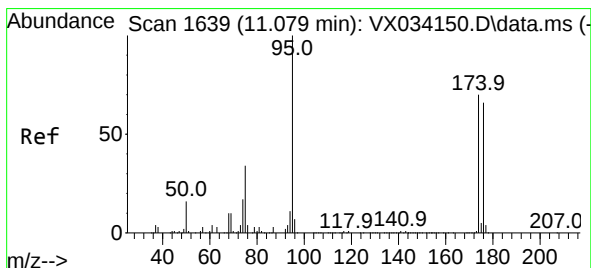
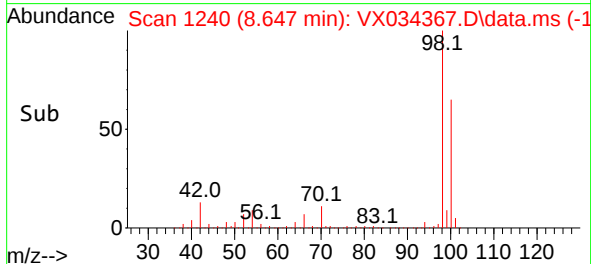
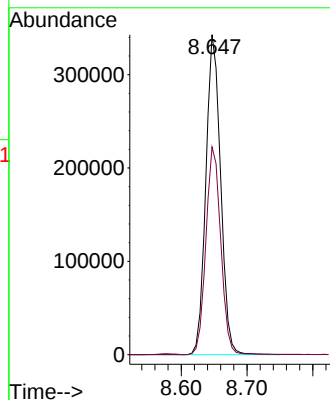
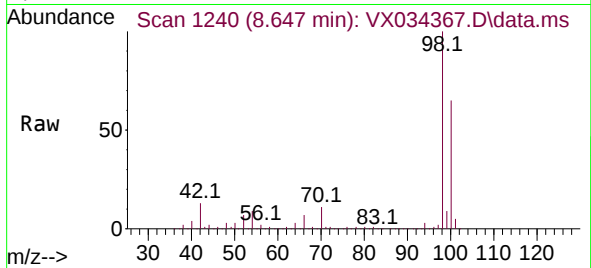




#50
Toluene-d8
Concen: 52.078 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

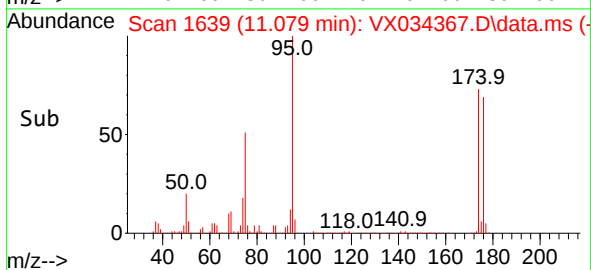
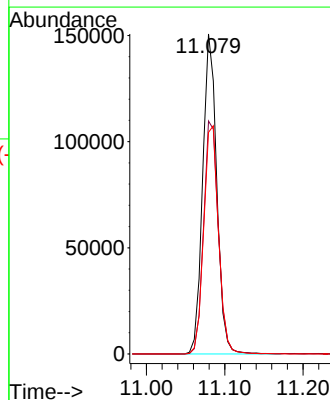
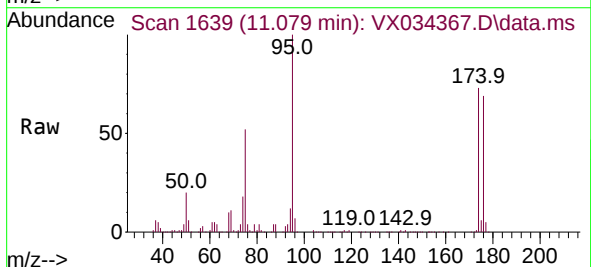
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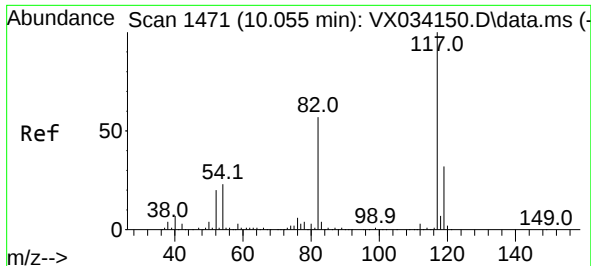
Tgt Ion: 98 Resp: 535958
Ion Ratio Lower Upper
98 100
100 65.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 47.780 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034367.D
Acq: 07 Mar 2023 13:01

Tgt Ion: 95 Resp: 188089
Ion Ratio Lower Upper
95 100
174 76.1 0.0 184.4
176 75.2 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: VX034367.D

Acq: 07 Mar 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

HH-TP2-0306

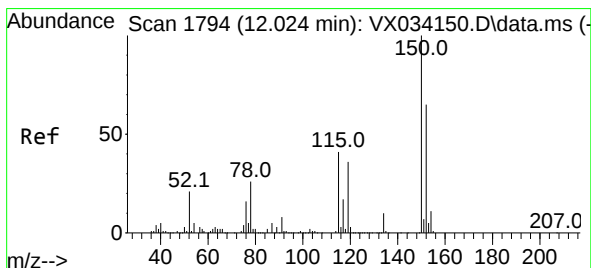
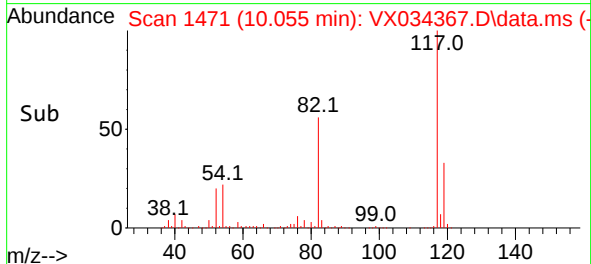
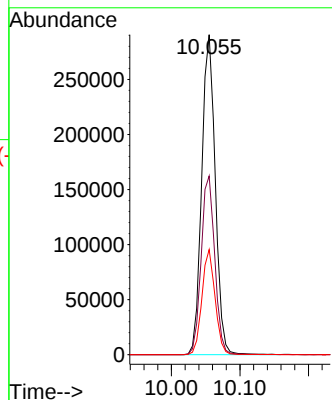
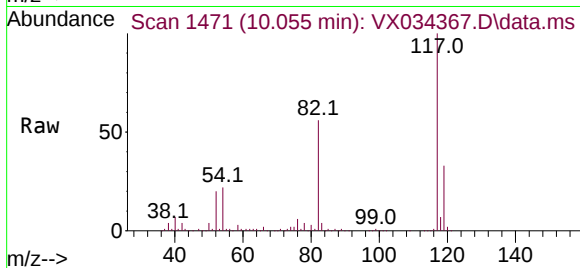
Tgt Ion:117 Resp: 401025

Ion Ratio Lower Upper

117 100

82 55.8 40.6 60.8

119 32.8 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: VX034367.D

Acq: 07 Mar 2023 13:01

Tgt Ion:152 Resp: 173689

Ion Ratio Lower Upper

152 100

115 59.8 38.7 116.1

150 157.6 0.0 348.2

