

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033506.D
 Acq On : 20 Dec 2022 14:31
 Operator : JC/MD
 Sample : N6149-05 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-1

Quant Time: Dec 21 04:14:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

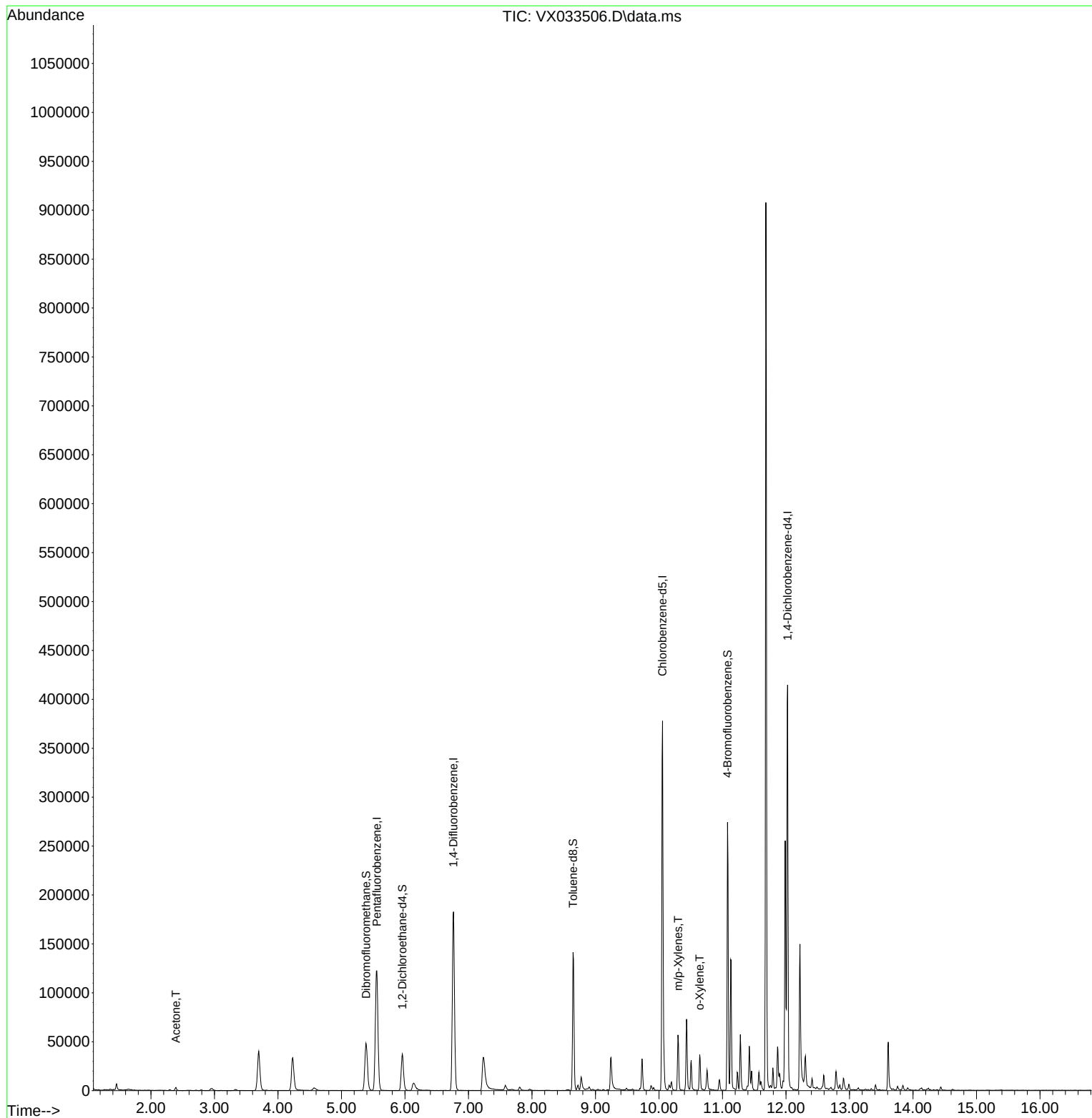
Internal Standards						
1) Pentafluorobenzene	5.556	168	121638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37081	47.518	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.040%
35) Dibromofluoromethane	5.385	113	42833	49.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	8.647	98	86336	47.716	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.440%
62) 4-Bromofluorobenzene	11.079	95	70001	50.598	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.200%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	3529	6.111	ug/l	91
68) m/p-Xylenes	10.299	106	13117	5.503	ug/l	99
69) o-Xylene	10.640	106	7897	3.352	ug/l	96

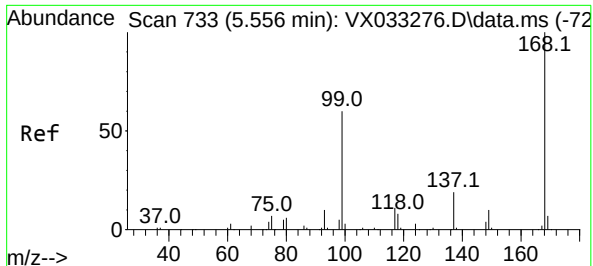
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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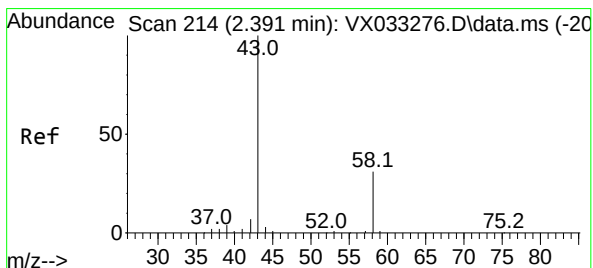
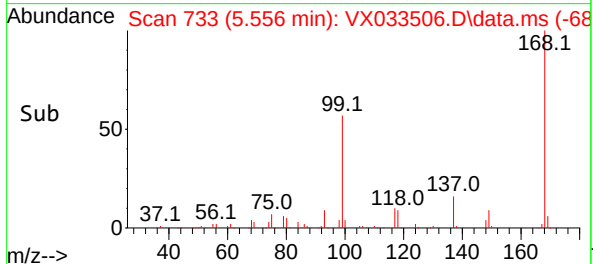
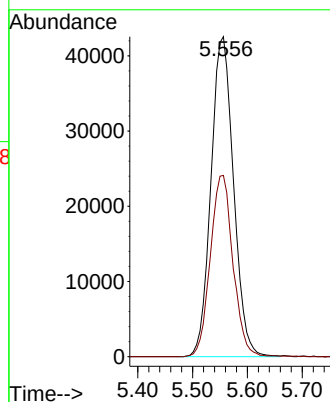
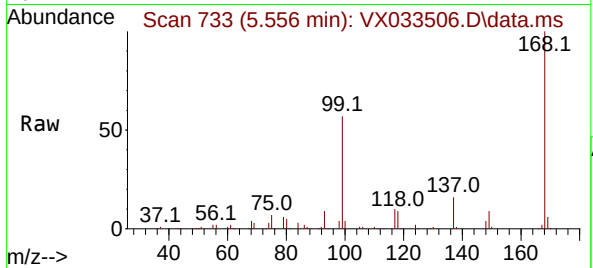




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
Lab File: VX033506.D
Acq: 20 Dec 2022 14:31

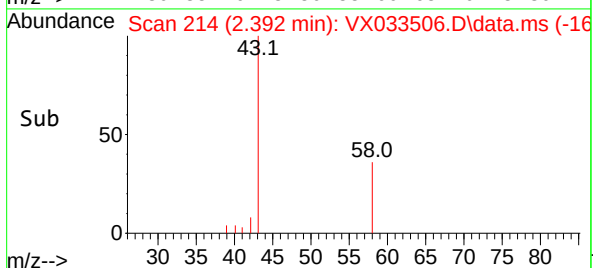
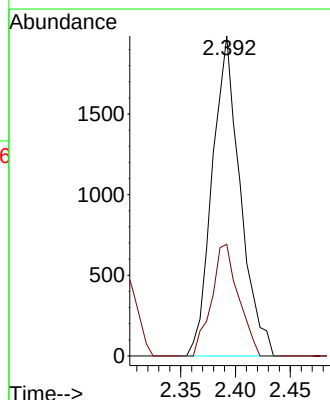
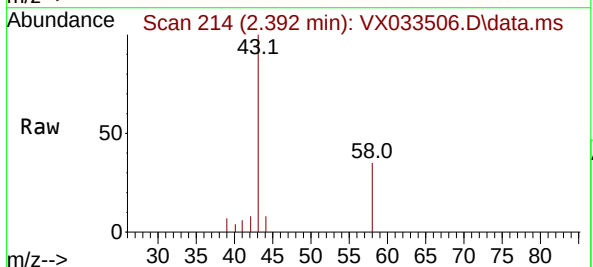
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

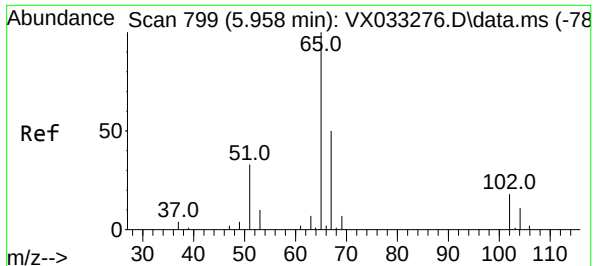
Tgt Ion:168 Resp: 121638
Ion Ratio Lower Upper
168 100
99 56.7 46.1 69.1



#16
Acetone
Concen: 6.111 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033506.D
Acq: 20 Dec 2022 14:31

Tgt Ion: 43 Resp: 3529
Ion Ratio Lower Upper
43 100
58 34.9 23.8 35.8





#33

1,2-Dichloroethane-d4

Concen: 47.518 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033506.D

Acq: 20 Dec 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

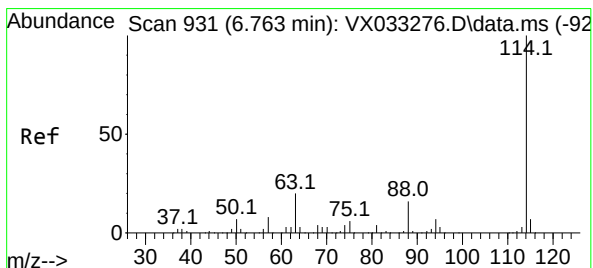
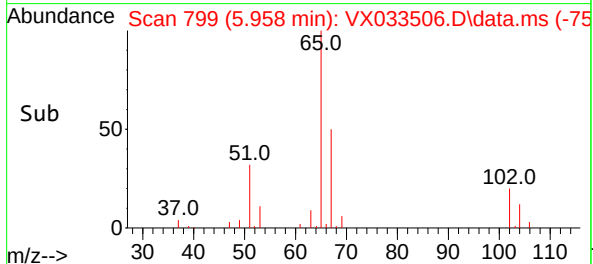
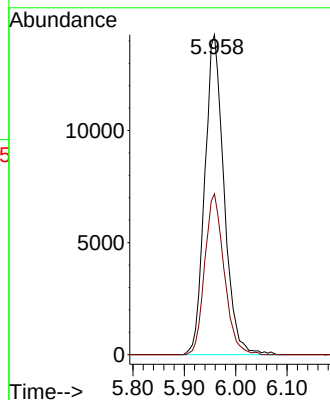
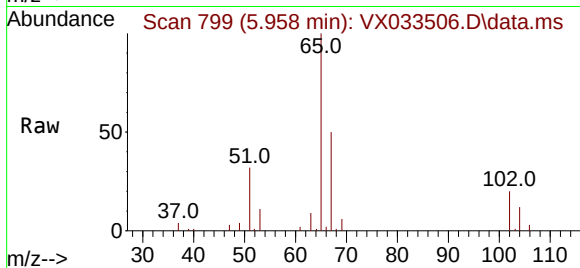
WEST-1

Tgt Ion: 65 Resp: 37081

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033506.D

Acq: 20 Dec 2022 14:31

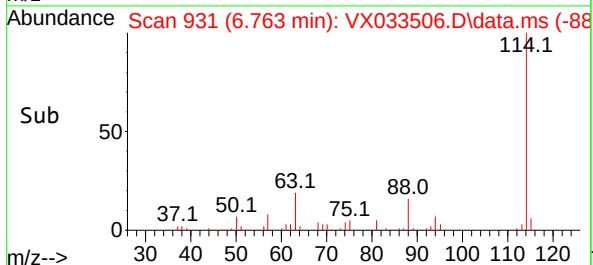
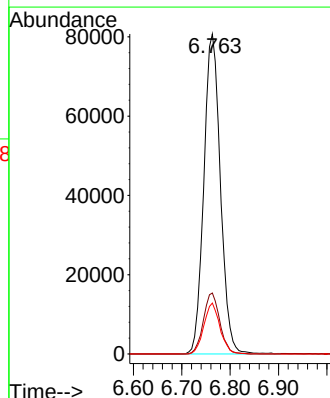
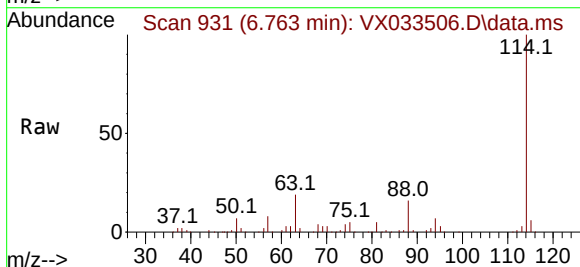
Tgt Ion: 114 Resp: 192299

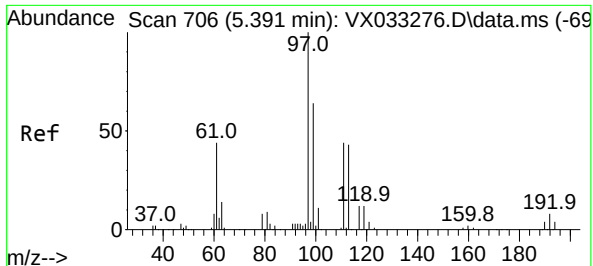
Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.6

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.522 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033506.D

Acq: 20 Dec 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

WEST-1

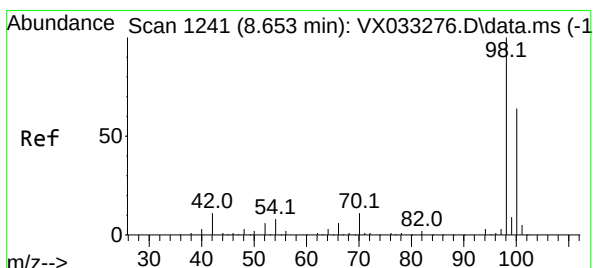
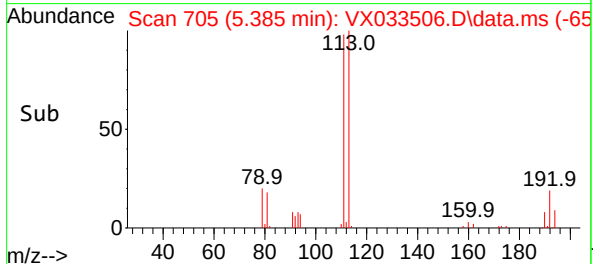
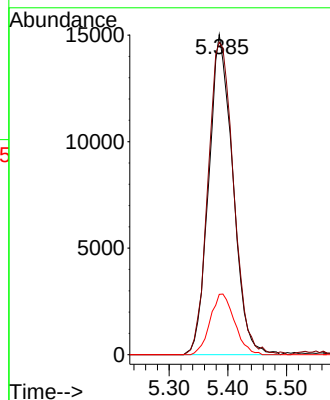
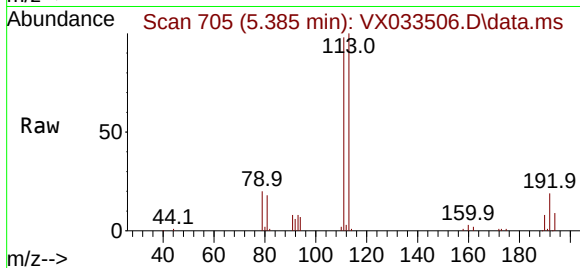
Tgt Ion:113 Resp: 42833

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 19.2 15.4 23.2



#50

Toluene-d8

Concen: 47.716 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033506.D

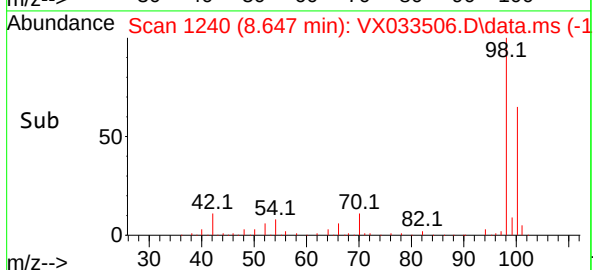
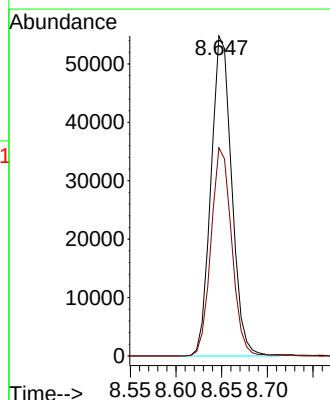
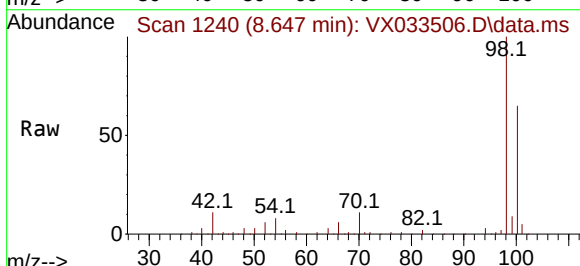
Acq: 20 Dec 2022 14:31

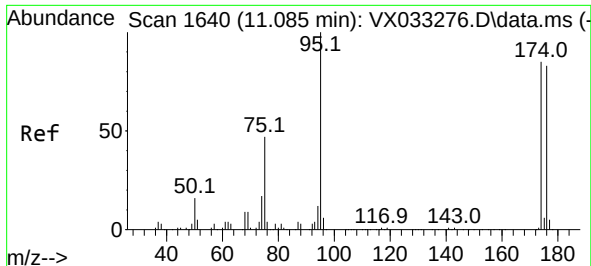
Tgt Ion: 98 Resp: 86336

Ion Ratio Lower Upper

98 100

100 65.0 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 50.598 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033506.D

Acq: 20 Dec 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

WEST-1

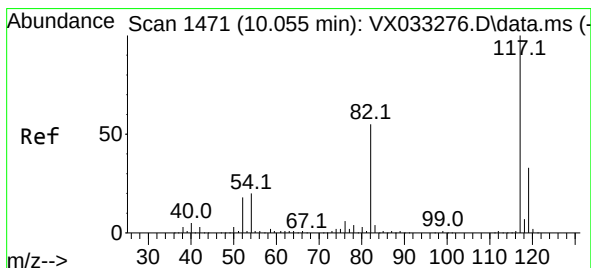
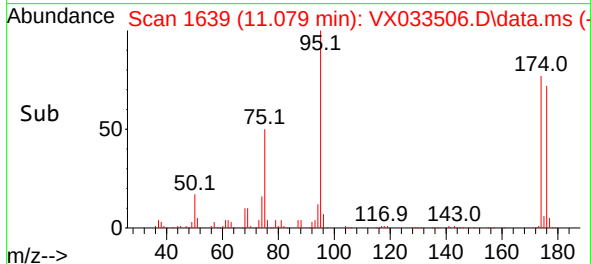
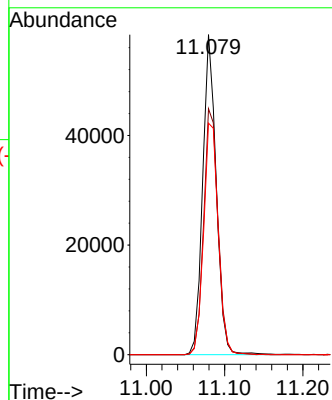
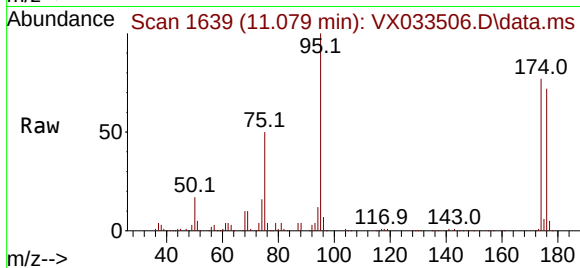
Tgt Ion: 95 Resp: 70001

Ion Ratio Lower Upper

95 100

174 81.6 0.0 164.0

176 78.1 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033506.D

Acq: 20 Dec 2022 14:31

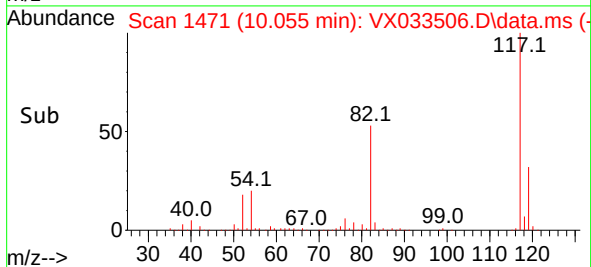
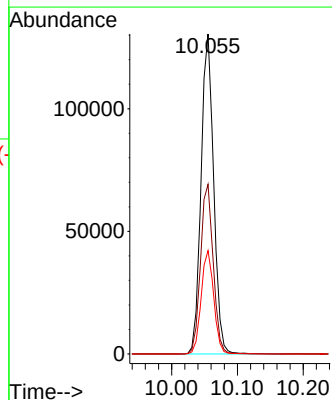
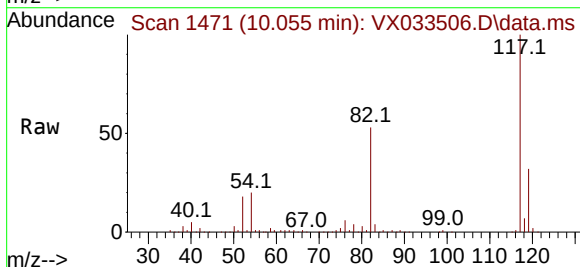
Tgt Ion: 117 Resp: 173669

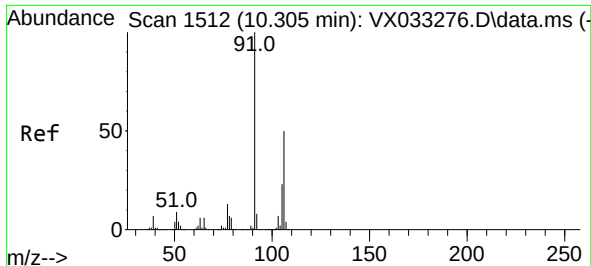
Ion Ratio Lower Upper

117 100

82 53.0 44.3 66.5

119 32.3 25.7 38.5

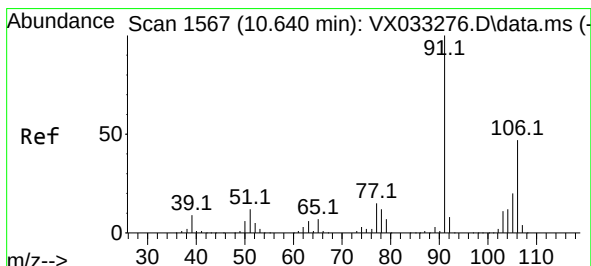
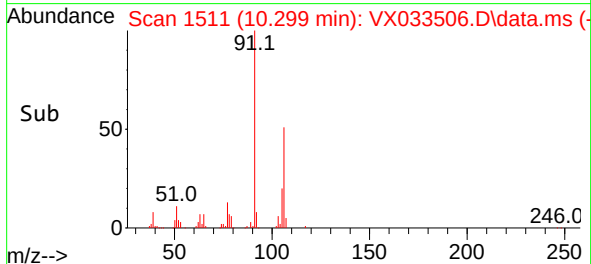
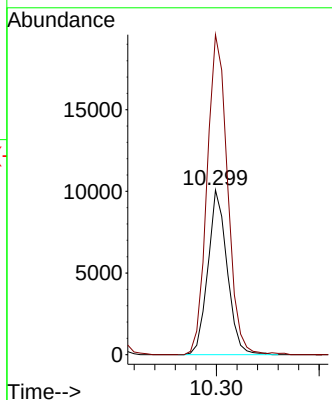
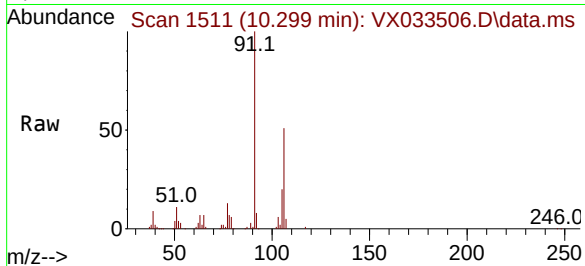




#68
m/p-Xylenes
Concen: 5.503 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033506.D
Acq: 20 Dec 2022 14:31

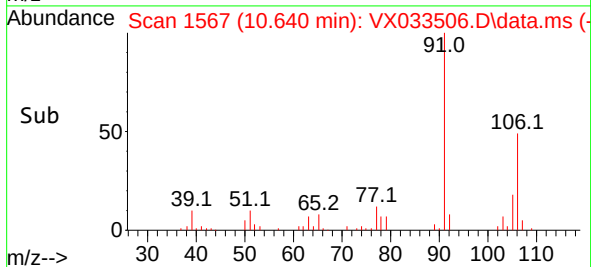
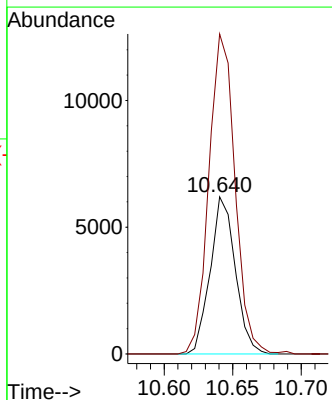
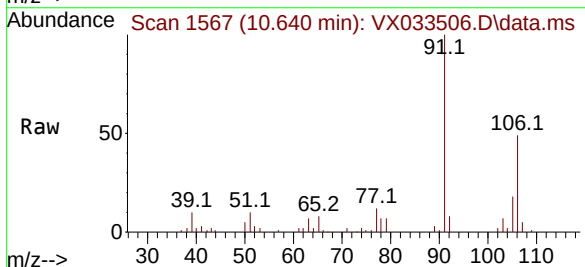
Instrument :
MSVOA_X
ClientSampleId :
WEST-1

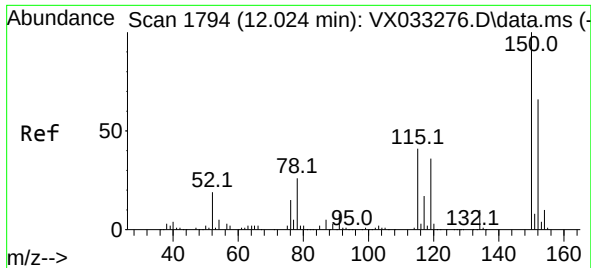
Tgt Ion:106 Resp: 13117
Ion Ratio Lower Upper
106 100
91 207.3 164.5 246.7



#69
o-Xylene
Concen: 3.352 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033506.D
Acq: 20 Dec 2022 14:31

Tgt Ion:106 Resp: 7897
Ion Ratio Lower Upper
106 100
91 212.5 109.2 327.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033506.D

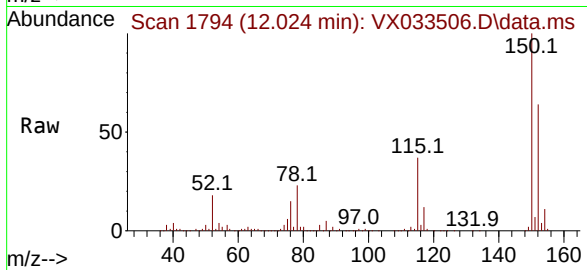
Acq: 20 Dec 2022 14:31

Instrument :

MSVOA_X

ClientSampleId :

WEST-1



Tgt Ion:152 Resp: 86795

Ion Ratio Lower Upper

152 100

115 59.9 44.0 132.0

150 156.6 0.0 351.8

