

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033504.D
 Acq On : 20 Dec 2022 13:45
 Operator : JC/MD
 Sample : N6149-03 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MAH-1

Quant Time: Dec 21 04:14:13 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)

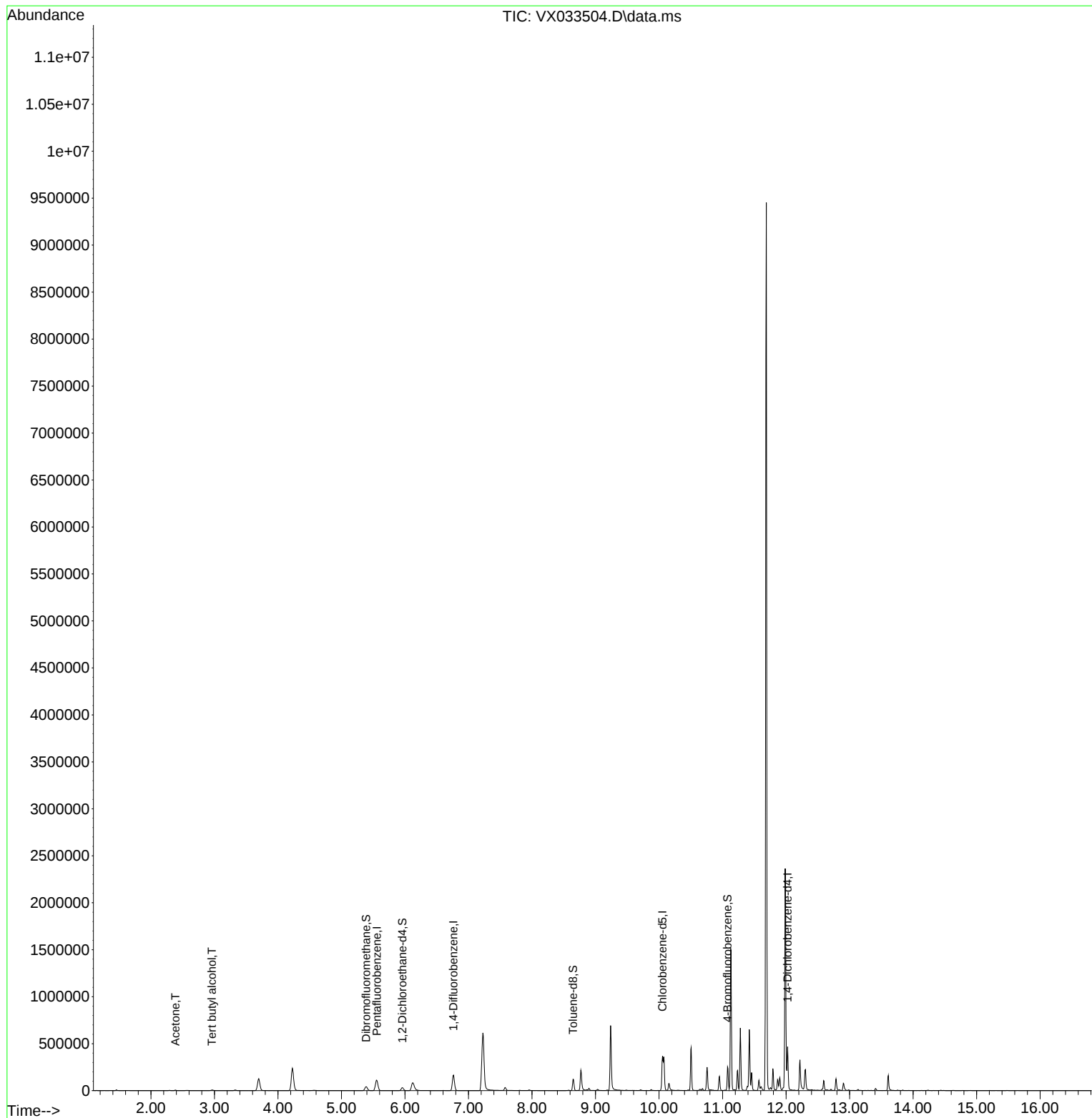
Internal Standards						
1) Pentafluorobenzene	5.556	168	109080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	32506	46.451	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.900%
35) Dibromofluoromethane	5.385	113	37348	47.729	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.460%
50) Toluene-d8	8.647	98	78096	47.708	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.420%
62) 4-Bromofluorobenzene	11.079	95	65321	52.188	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.380%
Target Compounds						
11) Tert butyl alcohol	2.959	59	4054	18.949	ug/l #	91
16) Acetone	2.386	43	7524	14.530	ug/l	91

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

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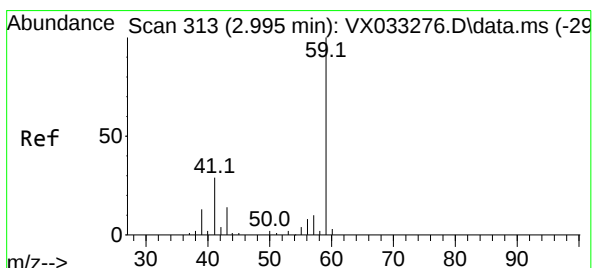
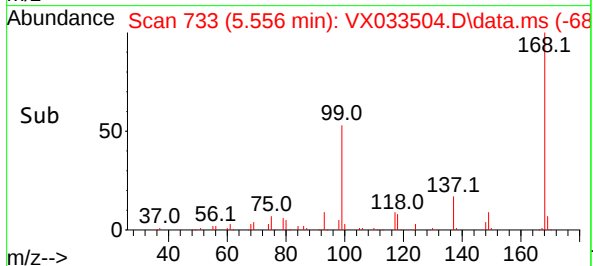
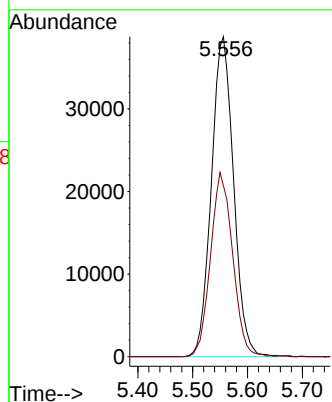
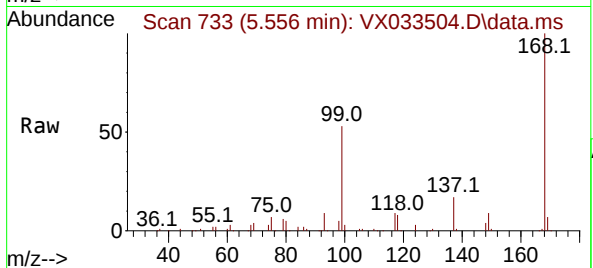




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

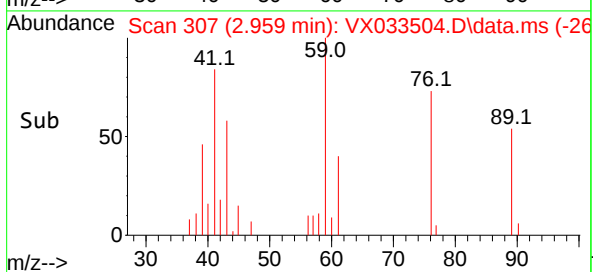
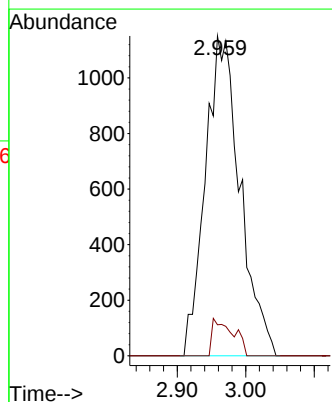
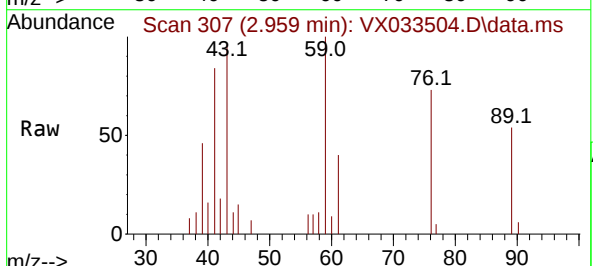
Instrument :
MSVOA_X
ClientSampleId :
MAH-1

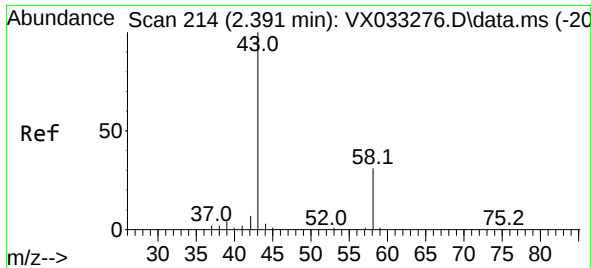
Tgt Ion:168 Resp: 109080
Ion Ratio Lower Upper
168 100
99 53.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 18.949 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.036 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 59 Resp: 4054
Ion Ratio Lower Upper
59 100
57 7.0 8.2 12.4#

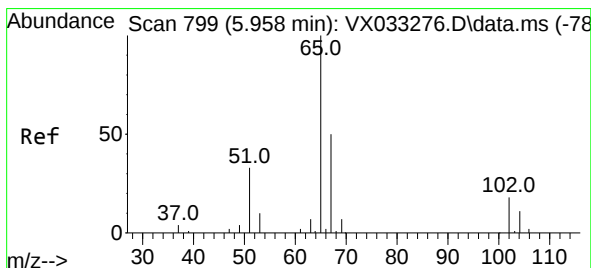
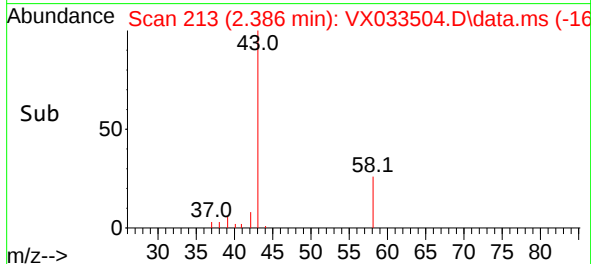
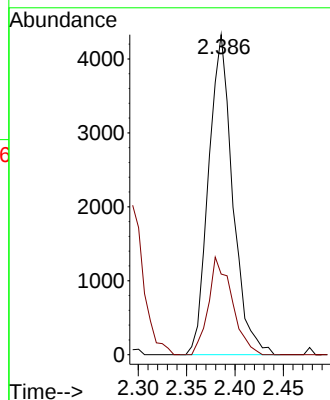
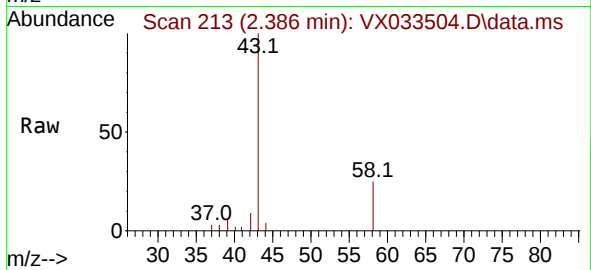




#16
Acetone
Concen: 14.530 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

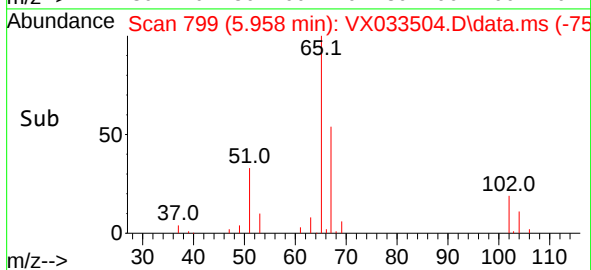
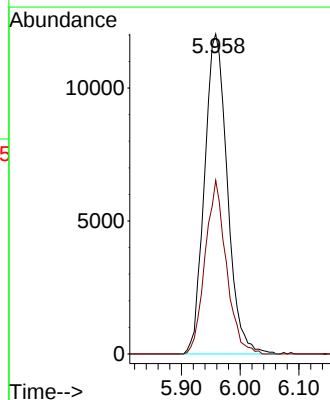
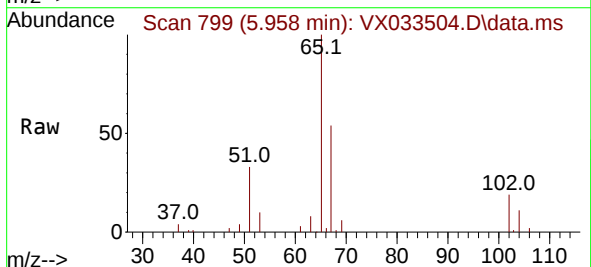
Instrument :
MSVOA_X
ClientSampleId :
MAH-1

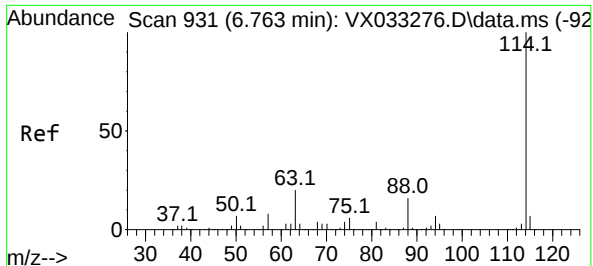
Tgt Ion: 43 Resp: 7524
Ion Ratio Lower Upper
43 100
58 25.2 23.8 35.8



#33
1,2-Dichloroethane-d4
Concen: 46.451 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 65 Resp: 32506
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX033504.D

Acq: 20 Dec 2022 13:45

Instrument :

MSVOA_X

ClientSampleId :

MAH-1

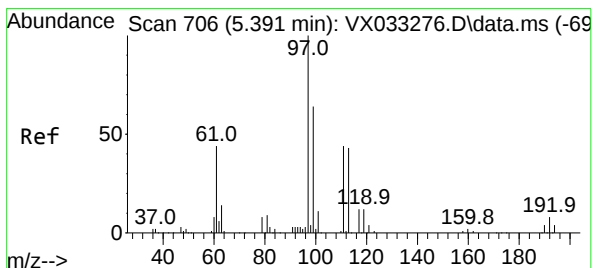
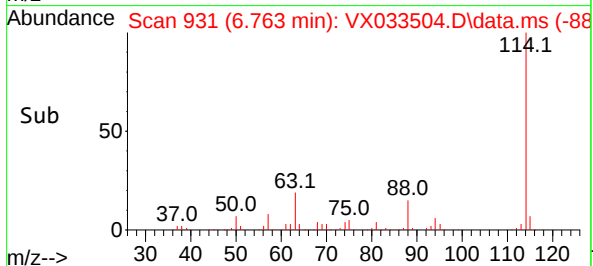
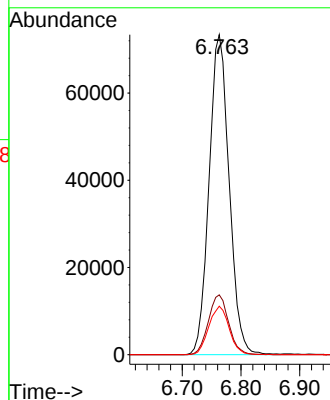
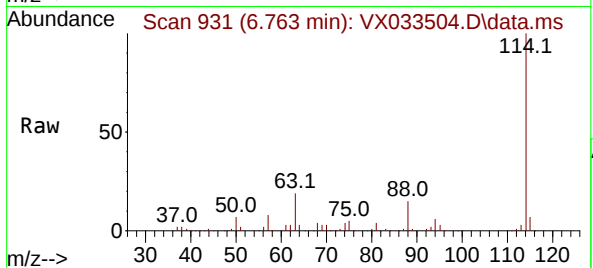
Tgt Ion:114 Resp: 173974

Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.6

88 15.2 0.0 33.4



#35

Dibromofluoromethane

Concen: 47.729 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033504.D

Acq: 20 Dec 2022 13:45

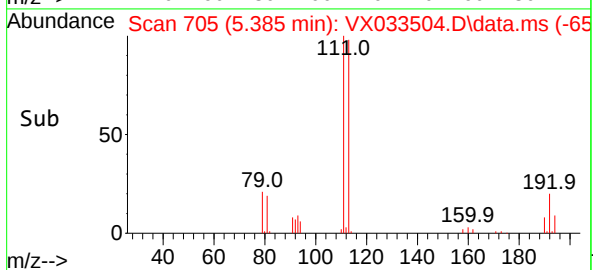
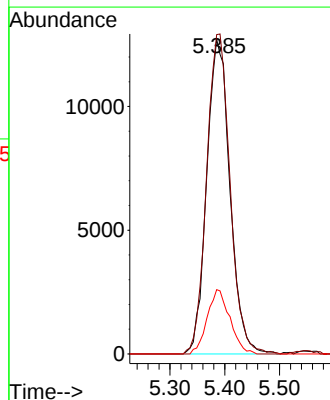
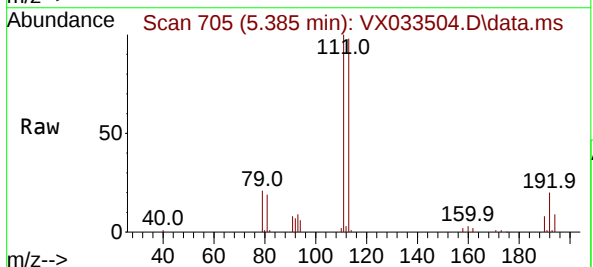
Tgt Ion:113 Resp: 37348

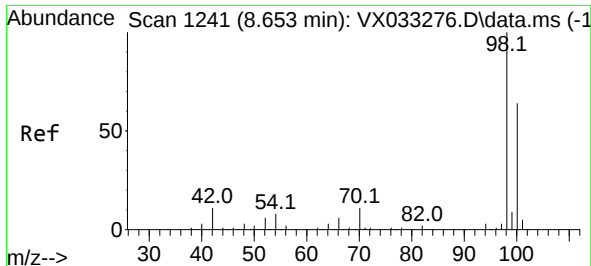
Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

192 20.0 15.4 23.2

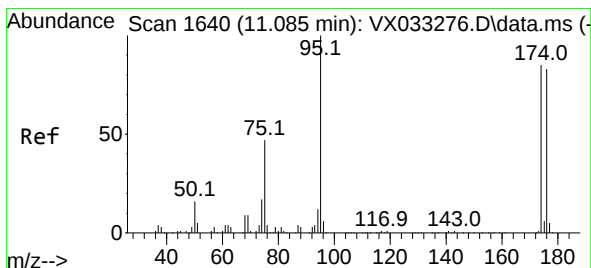
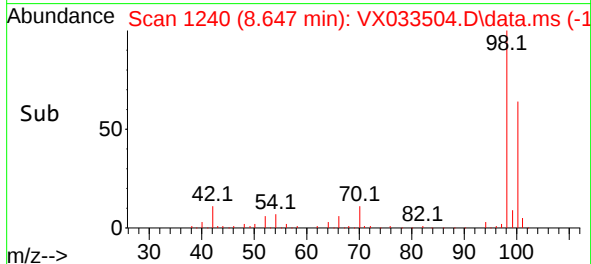
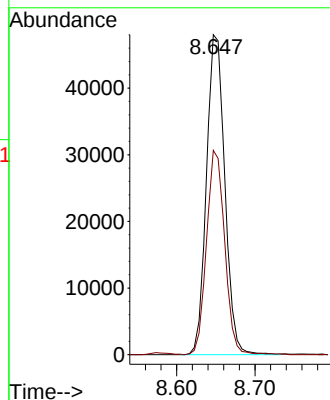
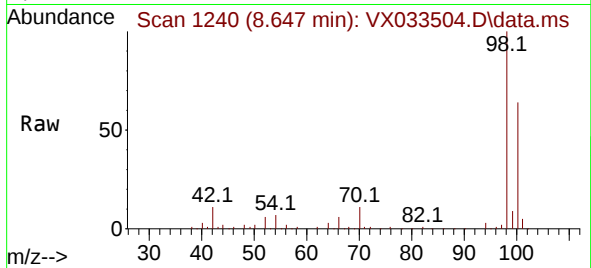




#50
Toluene-d8
Concen: 47.708 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

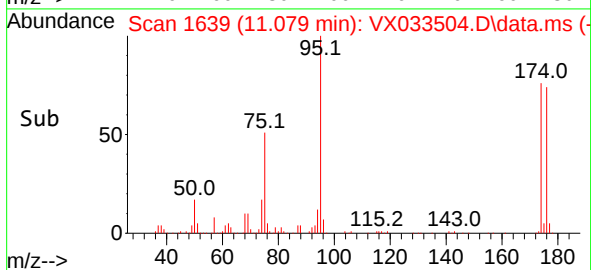
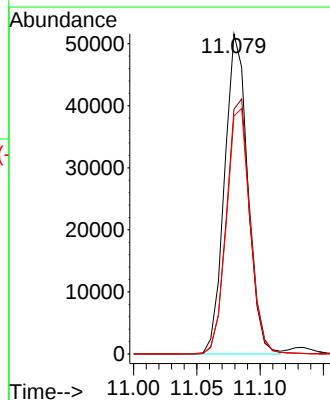
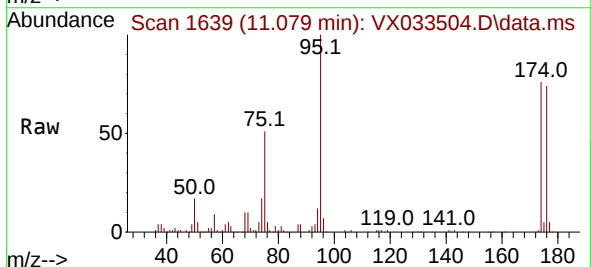
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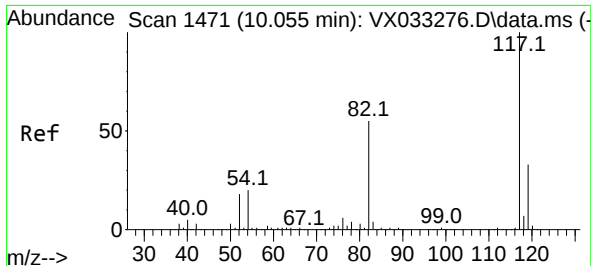
Tgt Ion: 98 Resp: 78096
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 52.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion: 95 Resp: 65321
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 78.6 0.0 154.4

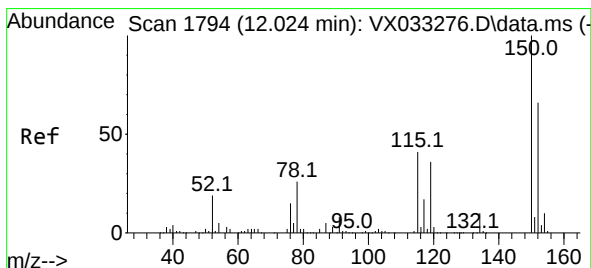
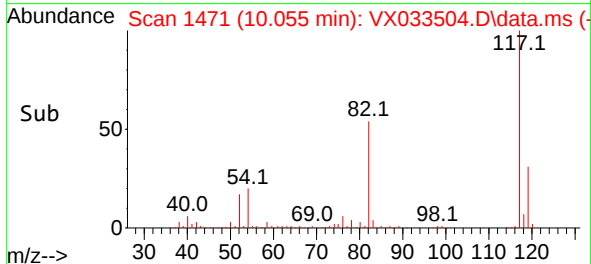
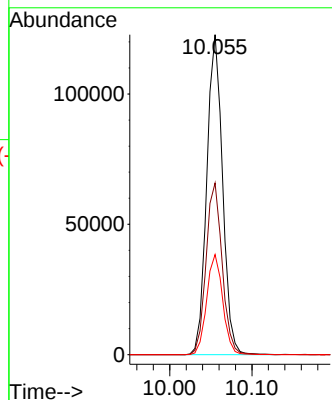
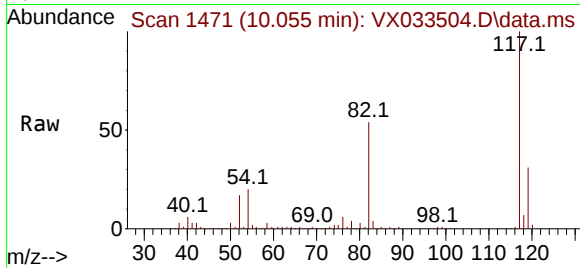




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Instrument :
MSVOA_X
ClientSampleId :
MAH-1

Tgt Ion:117 Resp: 163516
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033504.D
Acq: 20 Dec 2022 13:45

Tgt Ion:152 Resp: 85720
Ion Ratio Lower Upper
152 100
115 58.6 44.0 132.0
150 157.2 0.0 351.8

