

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033302.D
 Acq On : 07 Dec 2022 23:24
 Operator : JC/MD
 Sample : N5906-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H-3R

Quant Time: Dec 08 01:45:32 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)

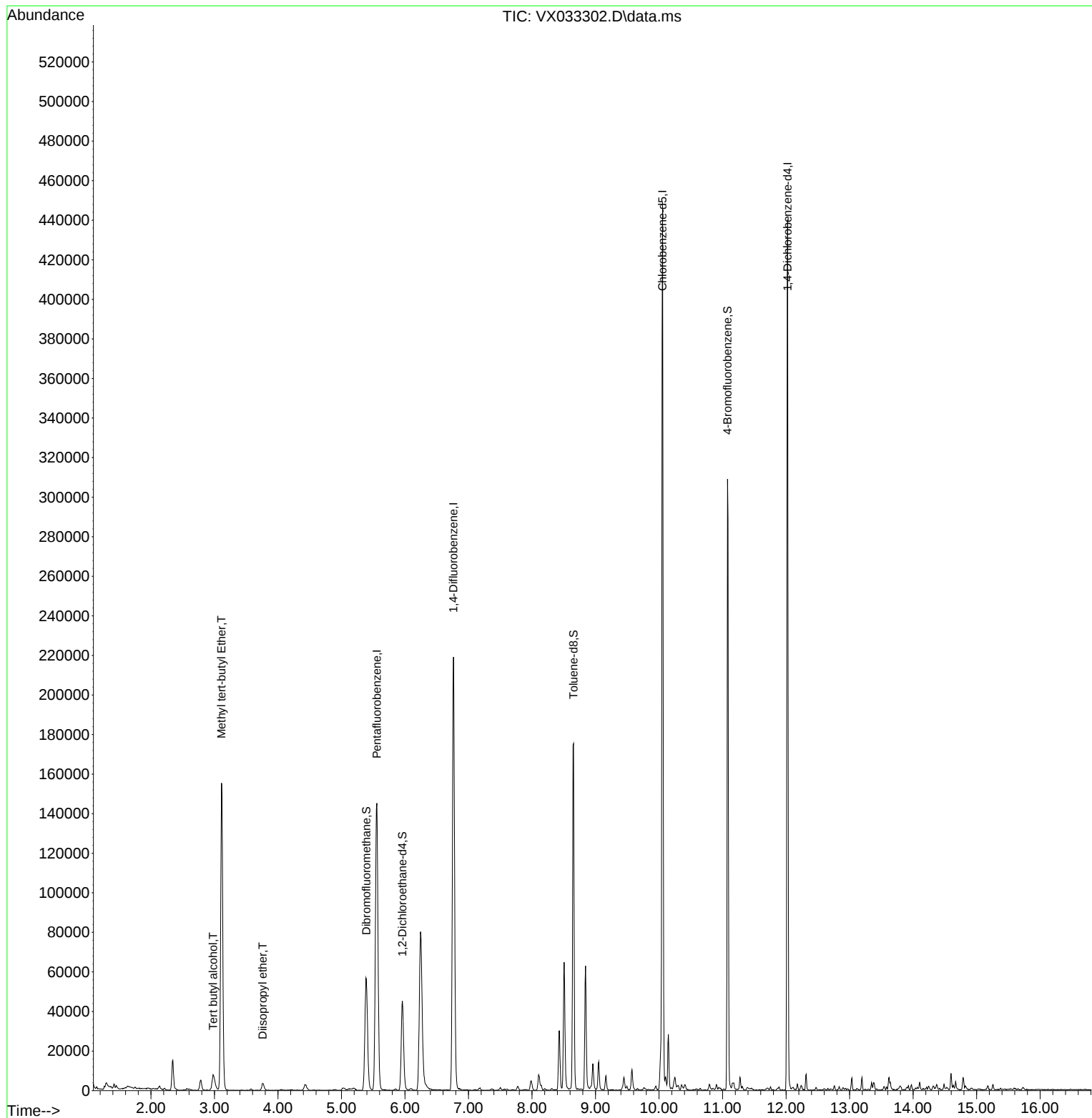
Internal Standards						
1) Pentafluorobenzene	5.556	168	139699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46758	52.173	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.340%	
35) Dibromofluoromethane	5.391	113	49803	49.072	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.140%	
50) Toluene-d8	8.653	98	107393	50.583	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.160%	
62) 4-Bromofluorobenzene	11.079	95	81126	49.974	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.940%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	13106	47.832	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	169822	38.711	ug/l	100
22) Diisopropyl ether	3.757	45	3632	0.838	ug/l #	90

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

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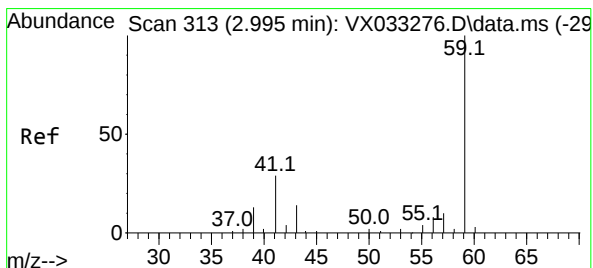
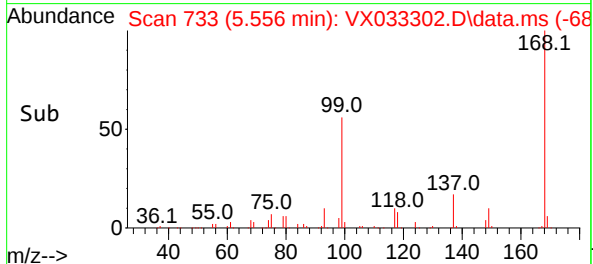
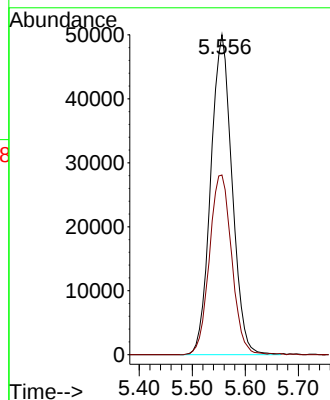
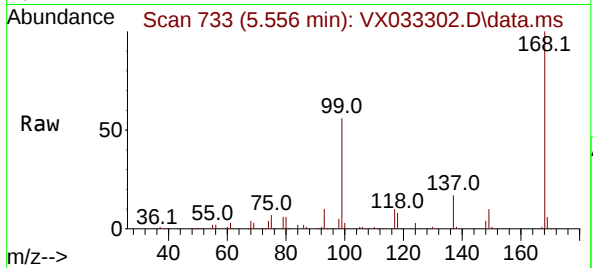




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033302.D
Acq: 07 Dec 2022 23:24

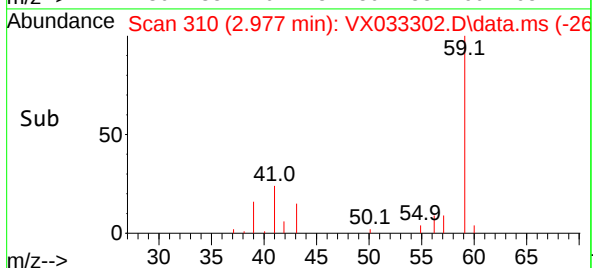
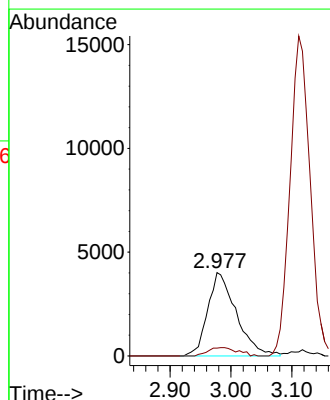
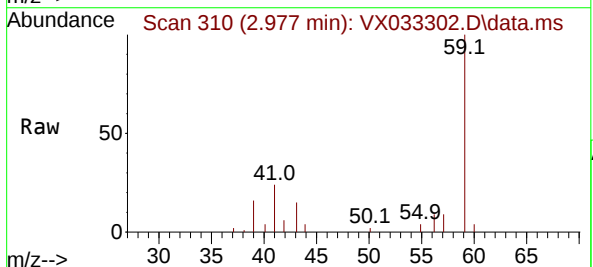
Instrument :
MSVOA_X
ClientSampleId :
H-3R

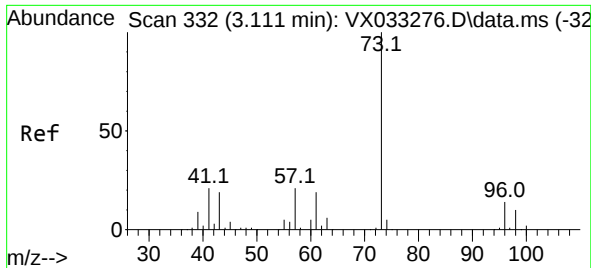
Tgt Ion:168 Resp: 139699
Ion Ratio Lower Upper
168 100
99 56.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 47.832 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.018 min
Lab File: VX033302.D
Acq: 07 Dec 2022 23:24

Tgt Ion: 59 Resp: 13106
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

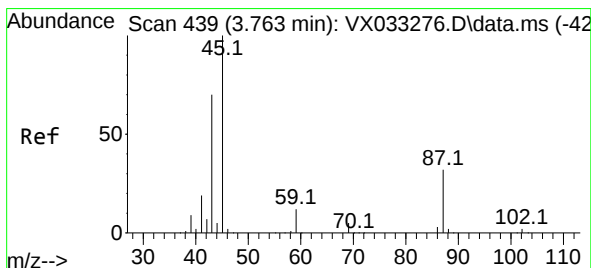
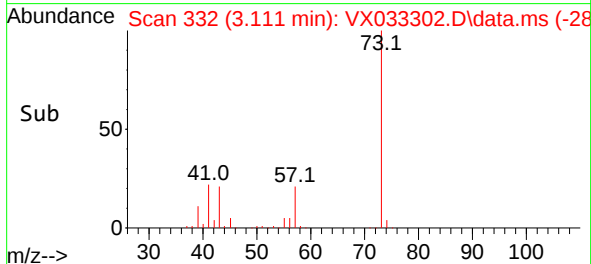
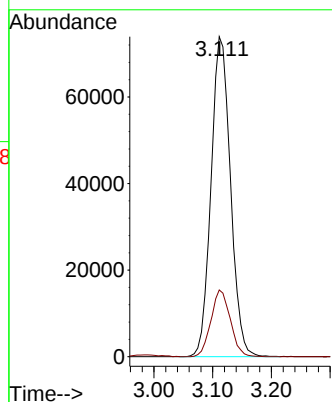
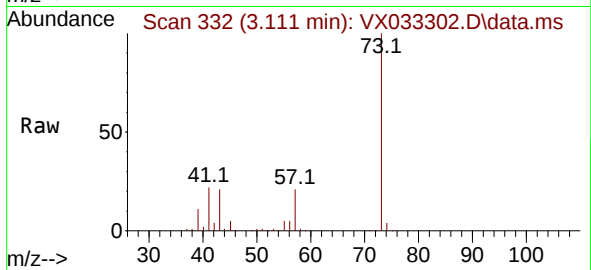




#19
Methyl tert-butyl Ether
Concen: 38.711 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033302.D
Acq: 07 Dec 2022 23:24

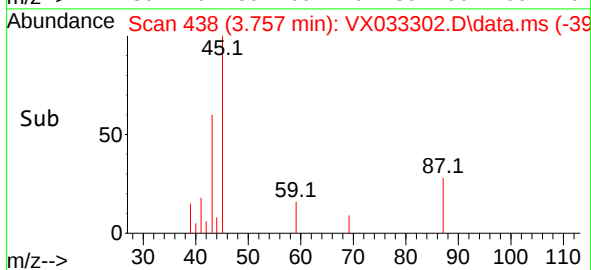
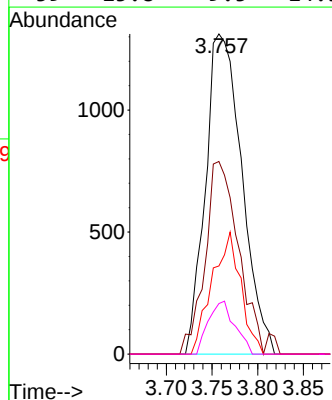
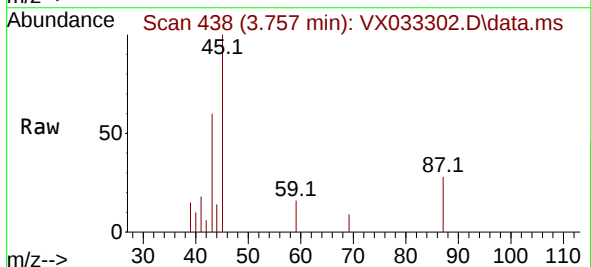
Instrument :
MSVOA_X
ClientSampleId :
H-3R

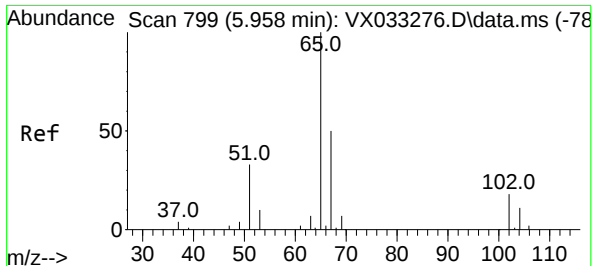
Tgt Ion: 73 Resp: 169822
Ion Ratio Lower Upper
73 100
57 20.9 16.6 25.0



#22
Diisopropyl ether
Concen: 0.838 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033302.D
Acq: 07 Dec 2022 23:24

Tgt Ion: 45 Resp: 3632
Ion Ratio Lower Upper
45 100
43 60.1 56.4 84.6
87 27.5 24.4 36.6
59 15.8 9.5 14.3





#33

1,2-Dichloroethane-d4

Concen: 52.173 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033302.D

Acq: 07 Dec 2022 23:24

Instrument :

MSVOA_X

ClientSampleId :

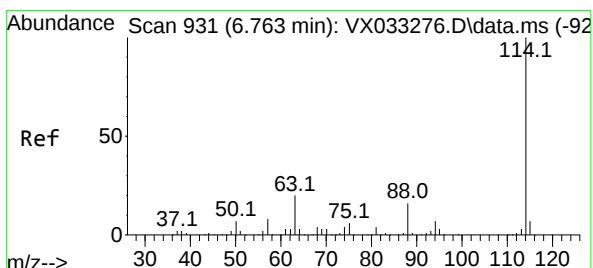
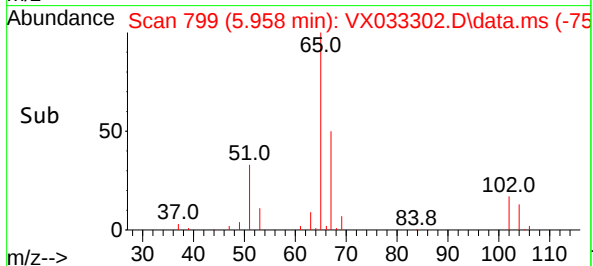
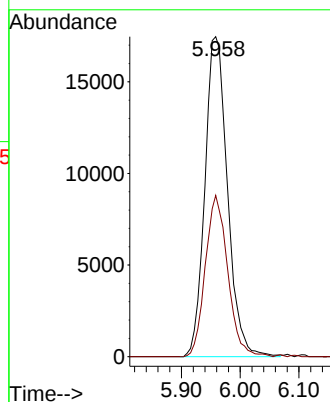
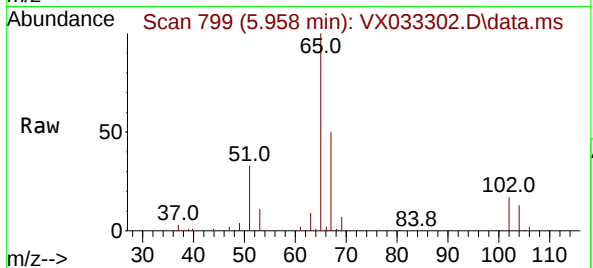
H-3R

Tgt Ion: 65 Resp: 46758

Ion Ratio Lower Upper

65 100

67 49.9 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: VX033302.D

Acq: 07 Dec 2022 23:24

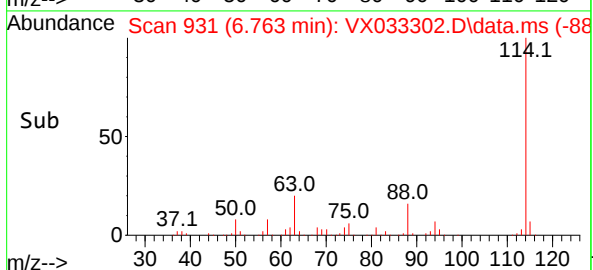
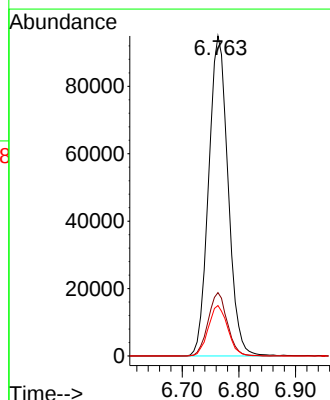
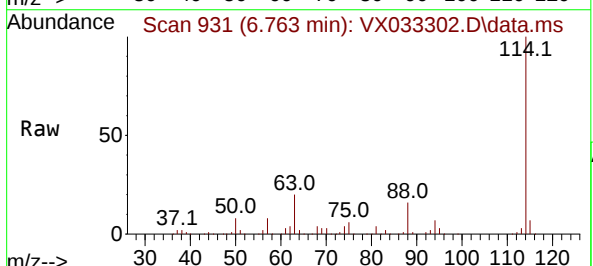
Tgt Ion: 114 Resp: 225642

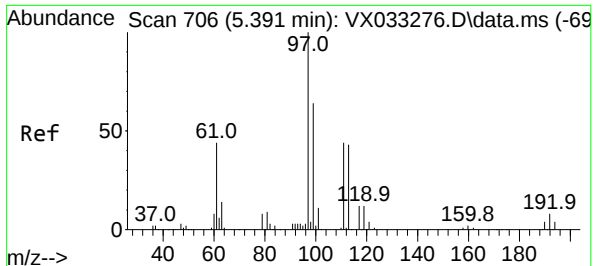
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.072 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033302.D

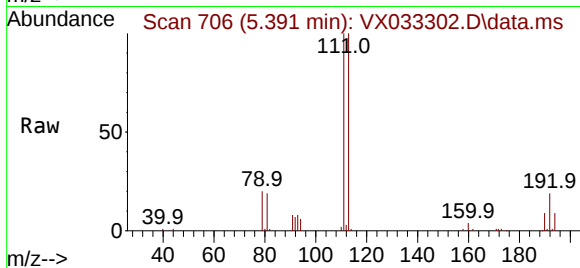
Acq: 07 Dec 2022 23:24

Instrument :

MSVOA_X

ClientSampleId :

H-3R



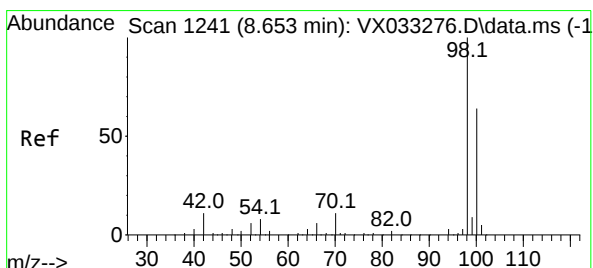
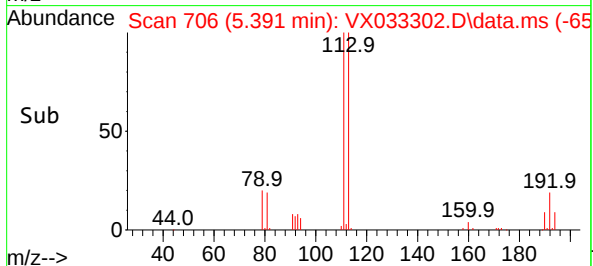
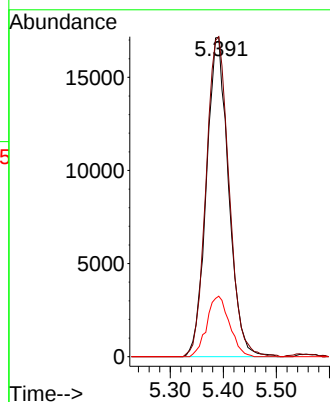
Tgt Ion:113 Resp: 49803

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 19.3 15.4 23.2



#50

Toluene-d8

Concen: 50.583 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX033302.D

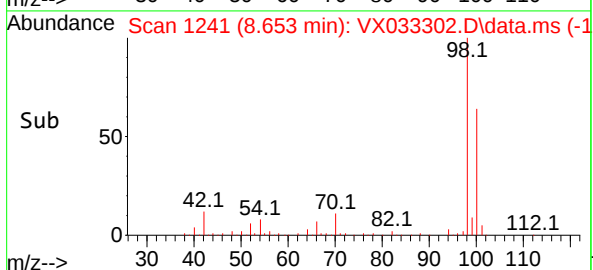
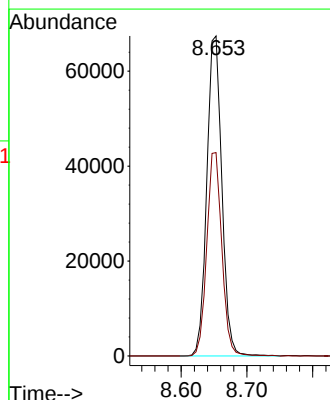
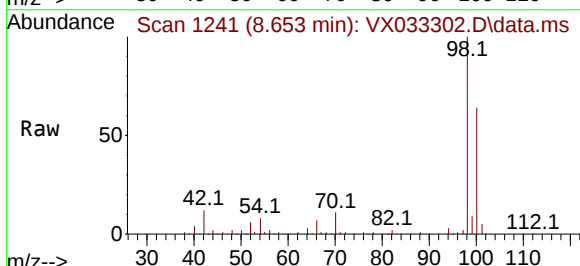
Acq: 07 Dec 2022 23:24

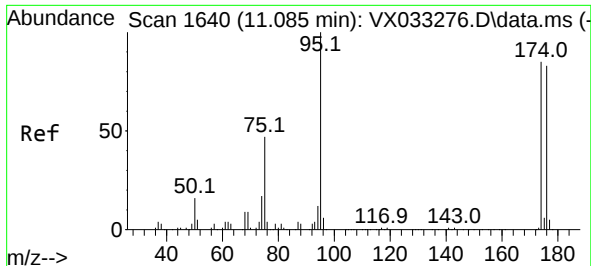
Tgt Ion: 98 Resp: 107393

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3

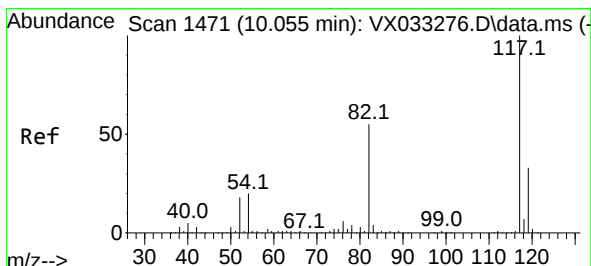
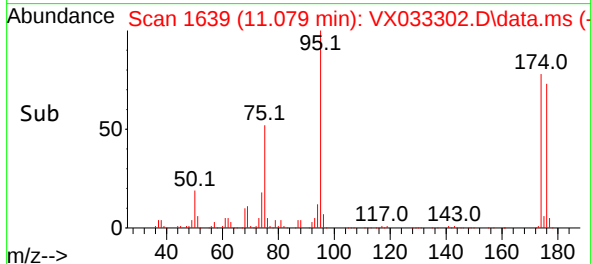
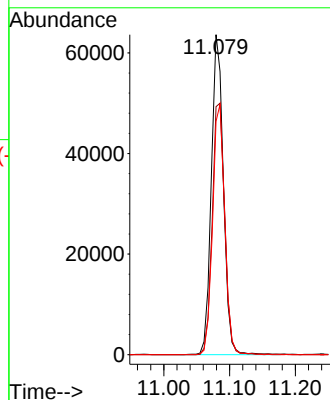
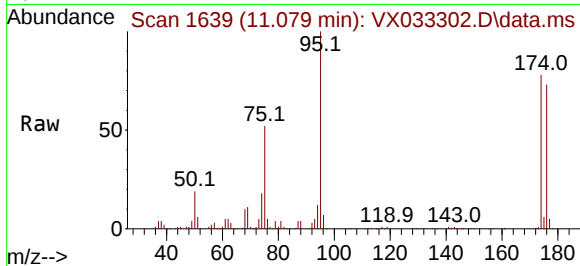




#62
4-Bromofluorobenzene
Concen: 49.974 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033302.D
Acq: 07 Dec 2022 23:24

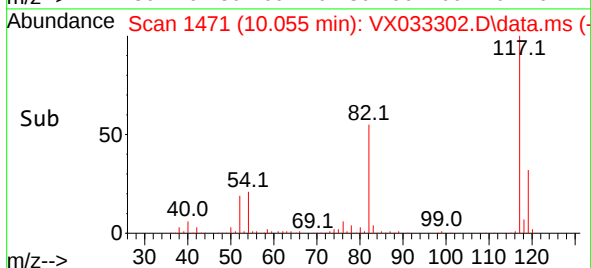
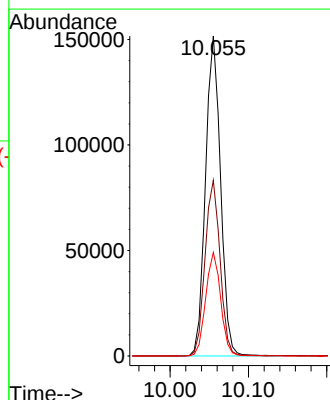
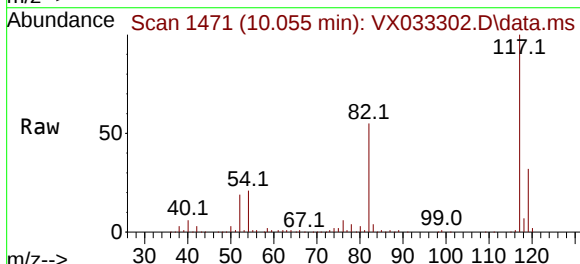
Instrument :
MSVOA_X
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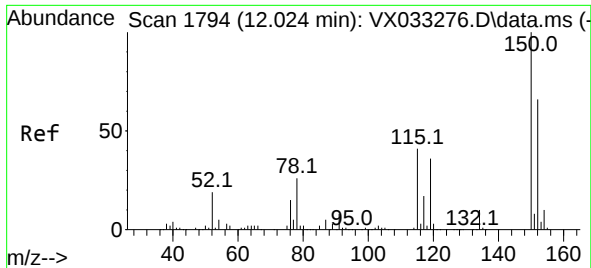
Tgt Ion: 95 Resp: 81126
Ion Ratio Lower Upper
95 100
174 81.9 0.0 164.0
176 78.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033302.D
Acq: 07 Dec 2022 23:24

Tgt Ion: 117 Resp: 202001
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033302.D

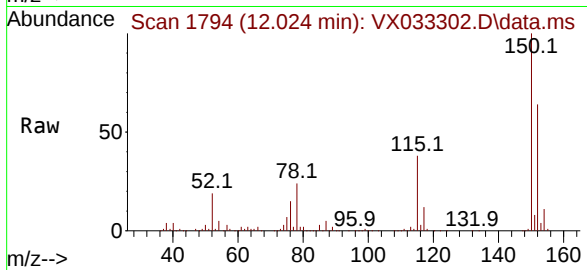
Acq: 07 Dec 2022 23:24

Instrument :

MSVOA_X

ClientSampleId :

H-3R



Tgt Ion:152 Resp: 93102

Ion Ratio Lower Upper

152 100

115 60.8 44.0 132.0

150 156.1 0.0 351.8

