

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031576.D
 Acq On : 22 Sep 2022 17:31
 Operator : JC/MD
 Sample : N4728-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1

Quant Time: Sep 23 01:49:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

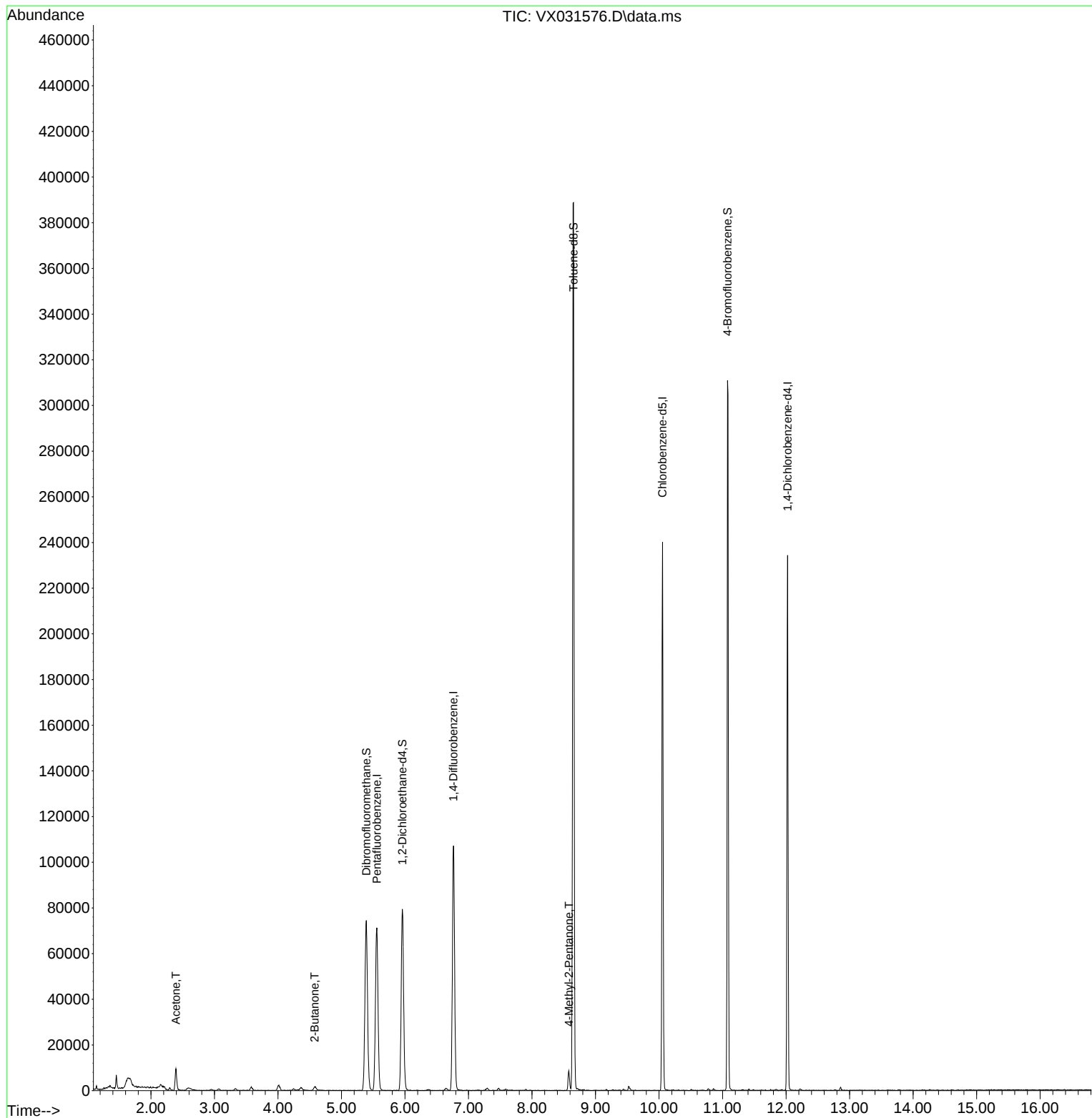
Internal Standards						
1) Pentafluorobenzene	5.556	168	69681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	112598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70406	55.102	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.200%
35) Dibromofluoromethane	5.391	113	59755	51.364	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.720%
50) Toluene-d8	8.653	98	228921	51.030	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.060%
62) 4-Bromofluorobenzene	11.079	95	70113	46.141	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.280%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	10560	7.655	ug/l	96
25) 2-Butanone	4.574	43	2989	3.030	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	5496	2.604	ug/l	96

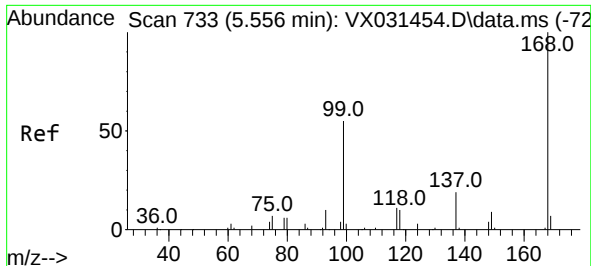
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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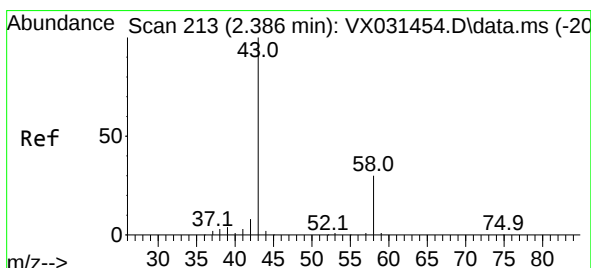
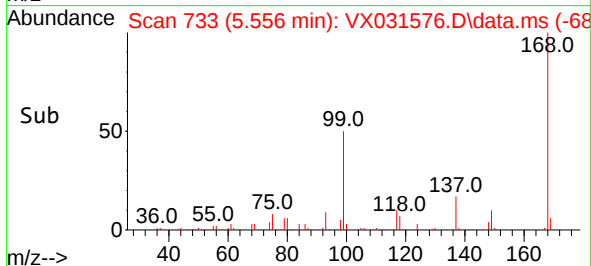
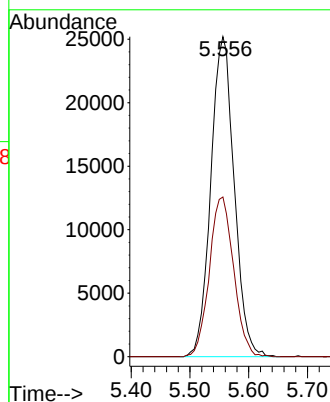
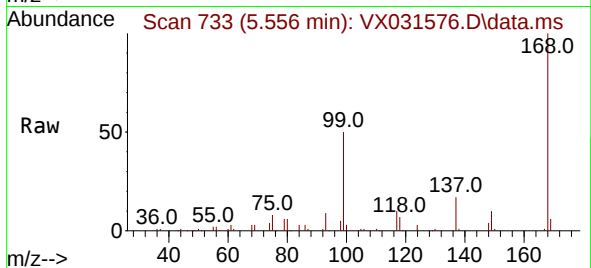




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

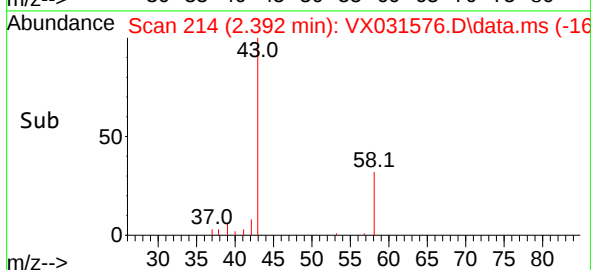
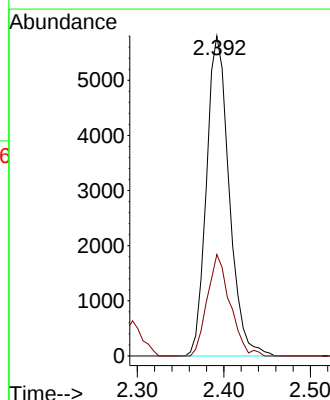
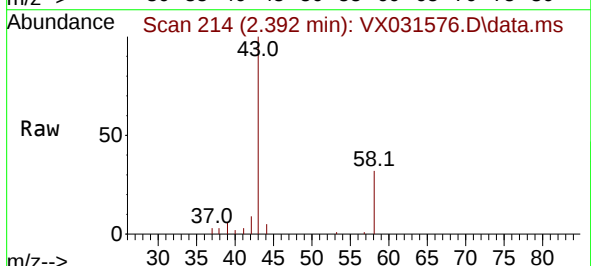
Instrument :
MSVOA_X
ClientSampleId :
OF-1

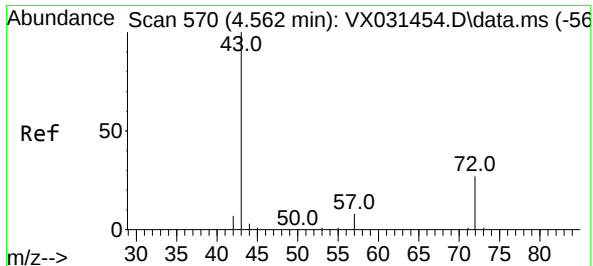
Tgt Ion:168 Resp: 69681
Ion Ratio Lower Upper
168 100
99 49.9 48.8 73.2



#16
Acetone
Concen: 7.655 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

Tgt Ion: 43 Resp: 10560
Ion Ratio Lower Upper
43 100
58 31.7 23.8 35.8





#25

2-Butanone

Concen: 3.030 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX031576.D

Acq: 22 Sep 2022 17:31

Instrument :

MSVOA_X

ClientSampleId :

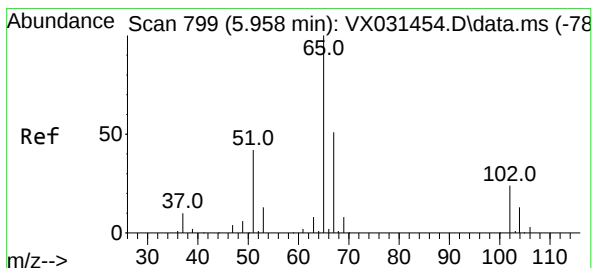
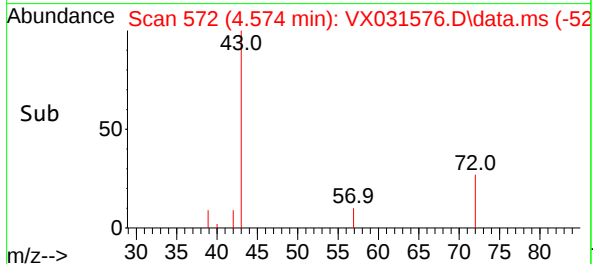
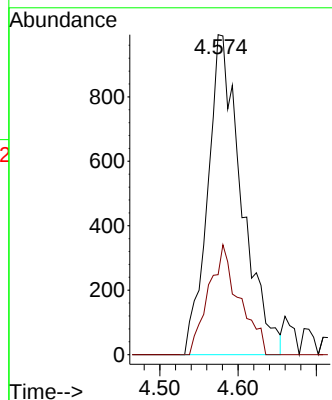
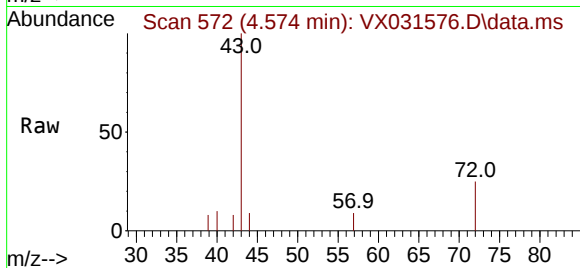
OF-1

Tgt Ion: 43 Resp: 2989

Ion Ratio Lower Upper

43 100

72 25.0 21.1 31.7



#33

1,2-Dichloroethane-d4

Concen: 55.102 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031576.D

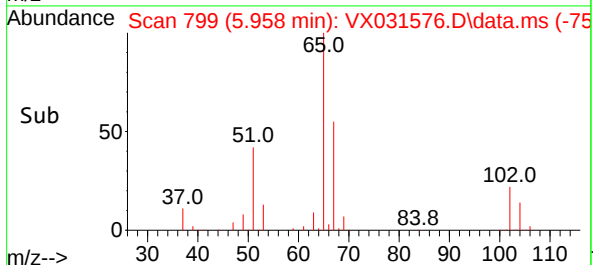
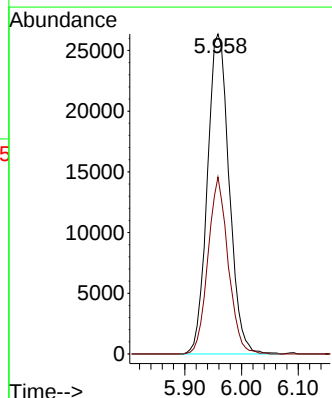
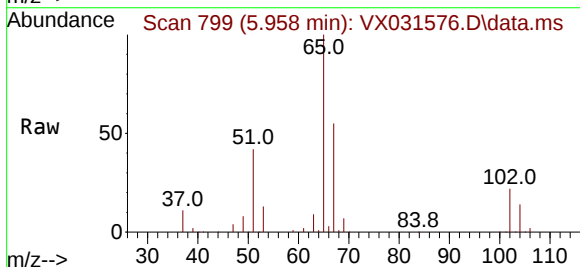
Acq: 22 Sep 2022 17:31

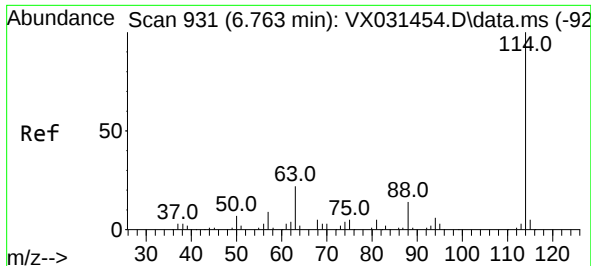
Tgt Ion: 65 Resp: 70406

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.4

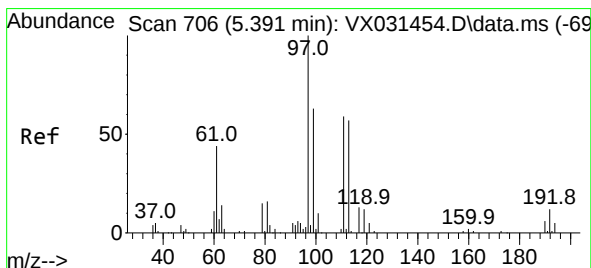
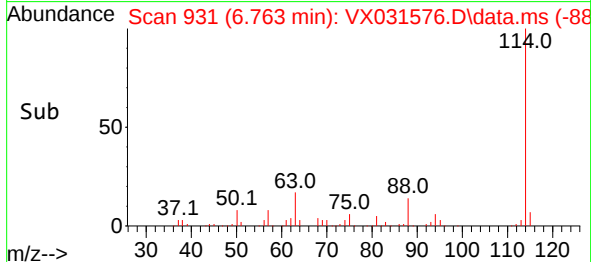
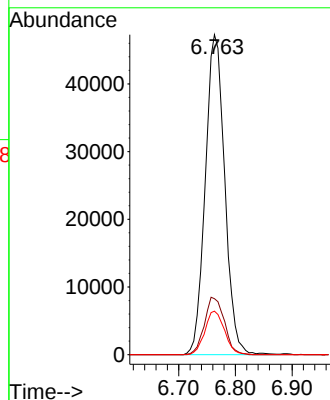
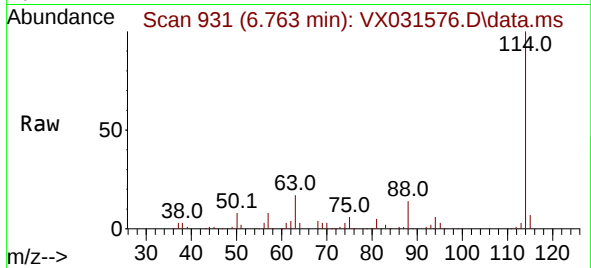




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

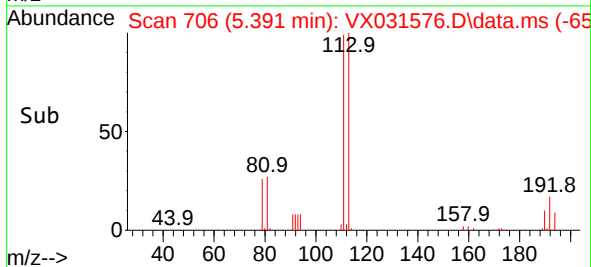
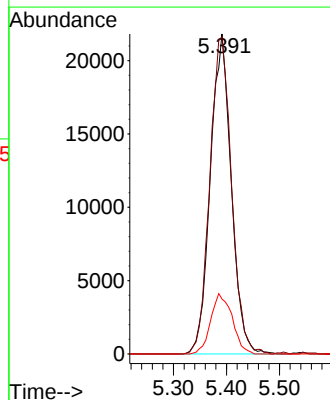
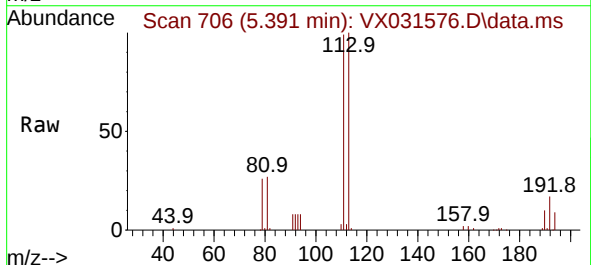
Instrument :
MSVOA_X
ClientSampleId :
OF-1

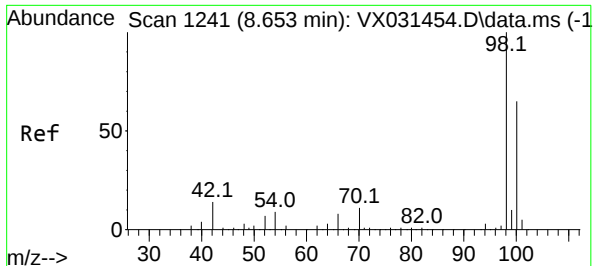
Tgt Ion:114 Resp: 112598
Ion Ratio Lower Upper
114 100
63 17.5 0.0 42.6
88 13.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.364 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

Tgt Ion:113 Resp: 59755
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.4 14.1 21.1





#50

Toluene-d8

Concen: 51.030 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031576.D

Acq: 22 Sep 2022 17:31

Instrument :

MSVOA_X

ClientSampleId :

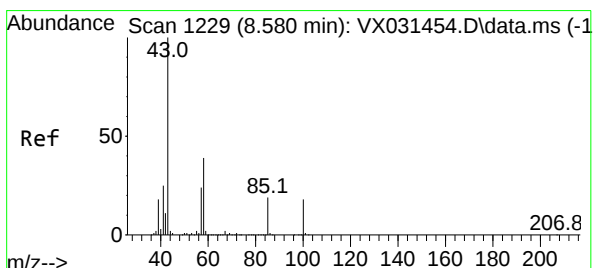
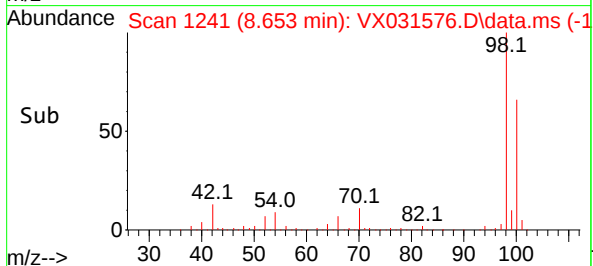
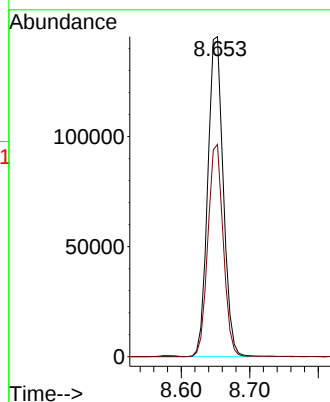
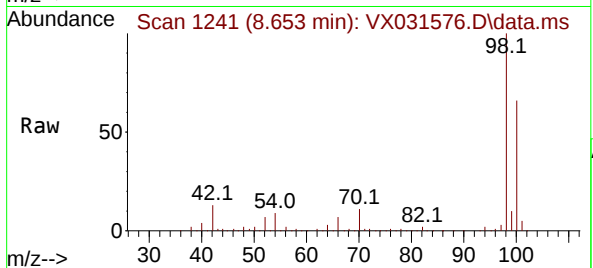
OF-1

Tgt Ion: 98 Resp: 228921

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 2.604 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX031576.D

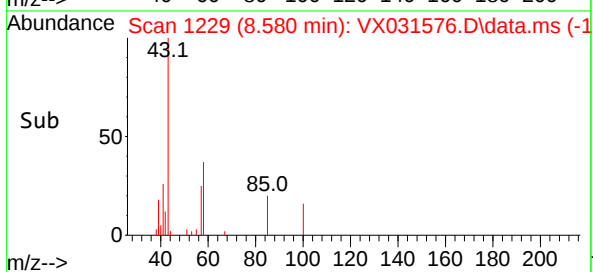
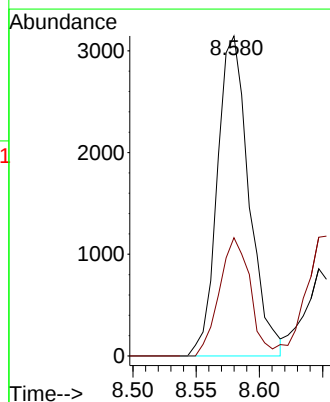
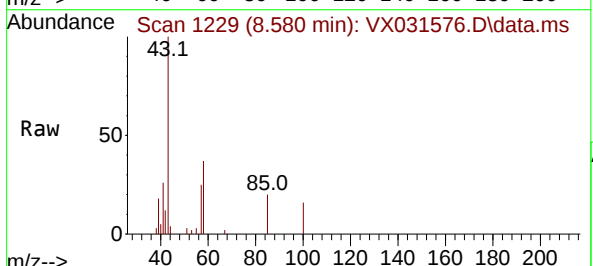
Acq: 22 Sep 2022 17:31

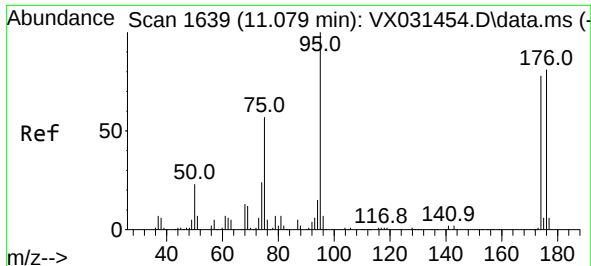
Tgt Ion: 43 Resp: 5496

Ion Ratio Lower Upper

43 100

58 35.8 30.6 46.0

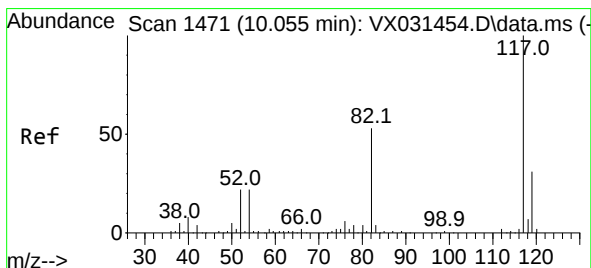
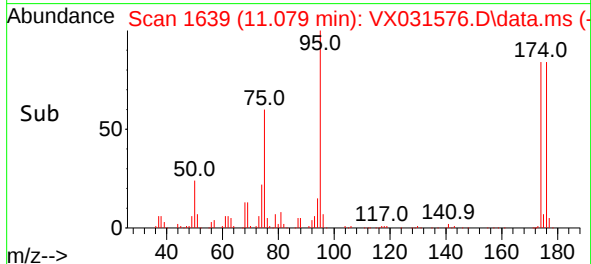
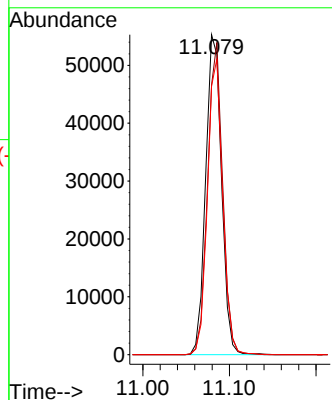
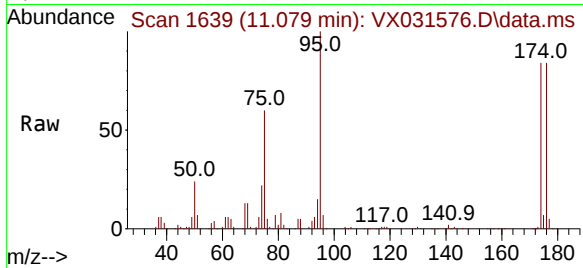




#62
4-Bromofluorobenzene
Concen: 46.141 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

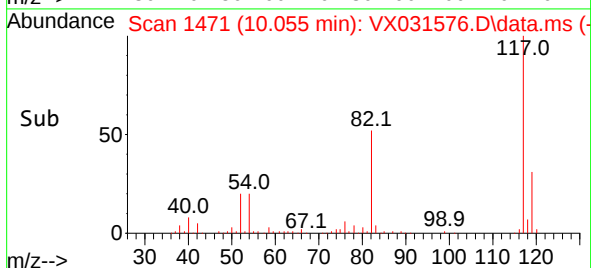
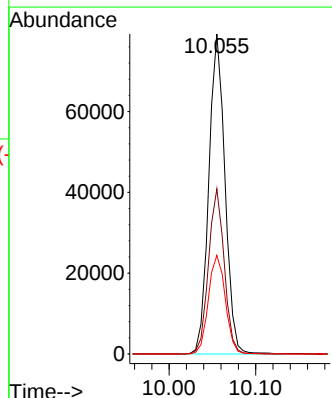
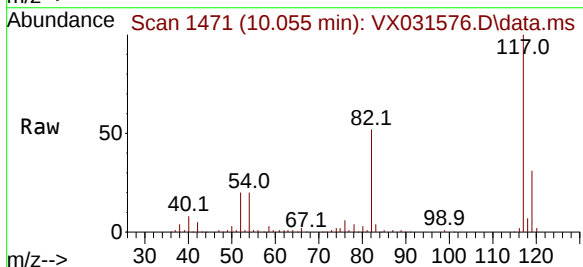
Instrument :
MSVOA_X
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OF-1

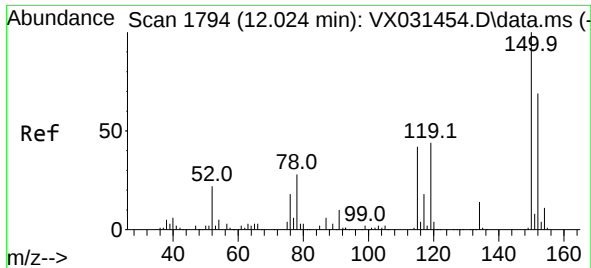
Tgt Ion: 95 Resp: 70113
Ion Ratio Lower Upper
95 100
174 93.2 0.0 153.2
176 89.2 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031576.D
Acq: 22 Sep 2022 17:31

Tgt Ion: 117 Resp: 102389
Ion Ratio Lower Upper
117 100
82 51.6 46.8 70.2
119 30.8 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031576.D

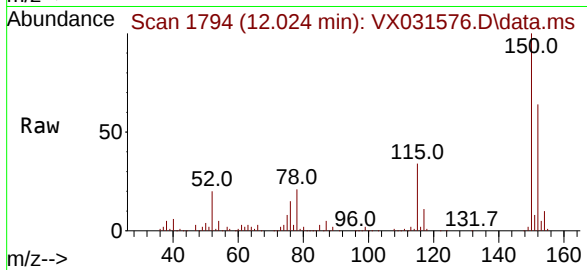
Acq: 22 Sep 2022 17:31

Instrument :

MSVOA_X

ClientSampleId :

OF-1



Tgt Ion:152 Resp: 46050

Ion Ratio Lower Upper

152 100

115 55.1 43.4 130.1

150 160.0 0.0 346.8

