

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031578.D
 Acq On : 22 Sep 2022 18:18
 Operator : JC/MD
 Sample : N4728-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-3

Quant Time: Sep 23 01:50:09 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)

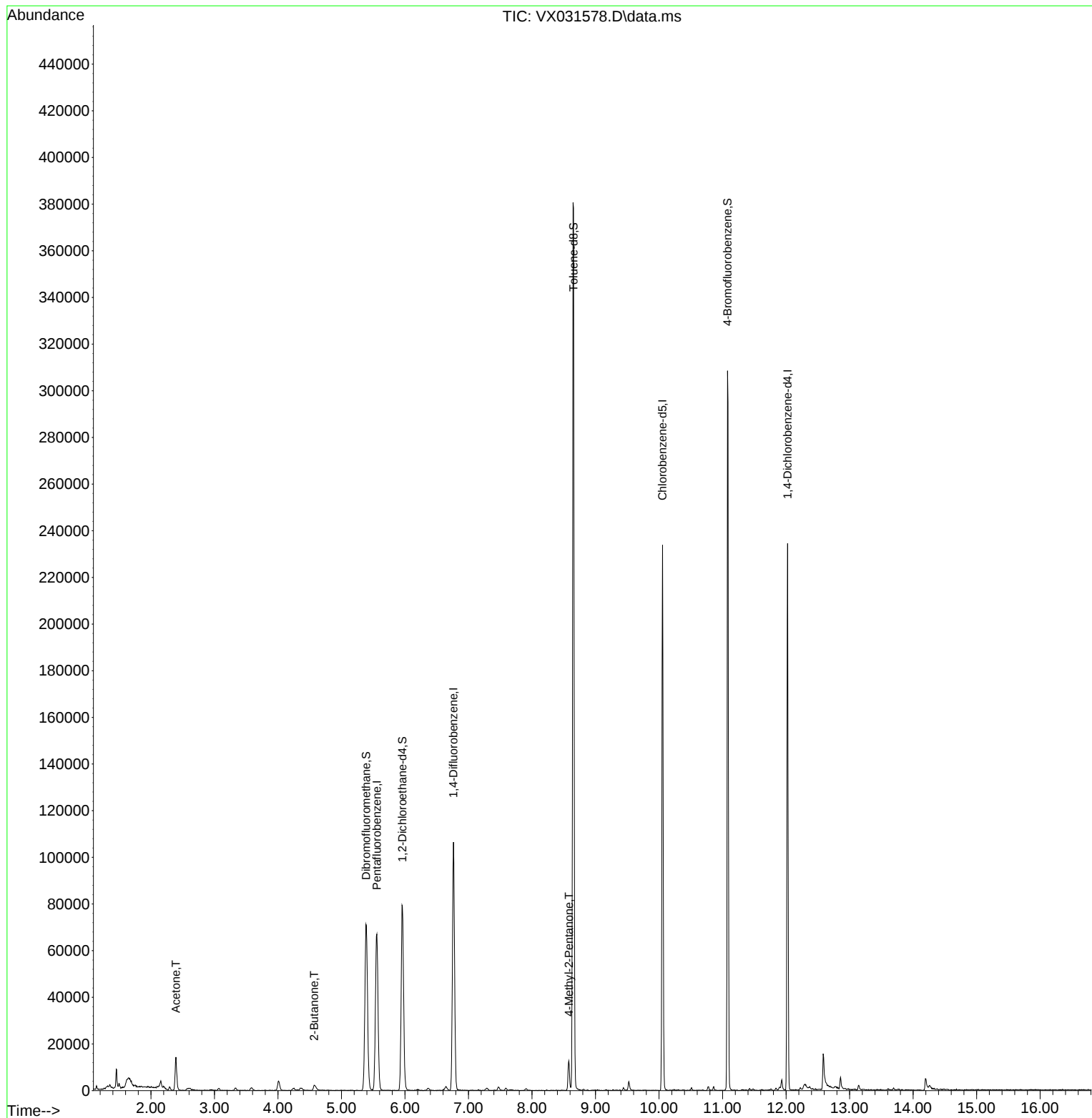
Internal Standards						
1) Pentafluorobenzene	5.556	168	66325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	107687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68720	56.532	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.060%
35) Dibromofluoromethane	5.385	113	59064	53.110	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.220%
50) Toluene-d8	8.653	98	225868	52.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.300%
62) 4-Bromofluorobenzene	11.079	95	68903	47.412	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.820%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	16335	21.471	ug/l	94
25) 2-Butanone	4.568	43	4741	5.049	ug/l #	85
51) 4-Methyl-2-Pentanone	8.580	43	8443	4.182	ug/l	97

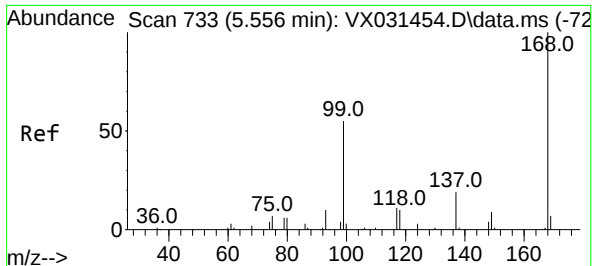
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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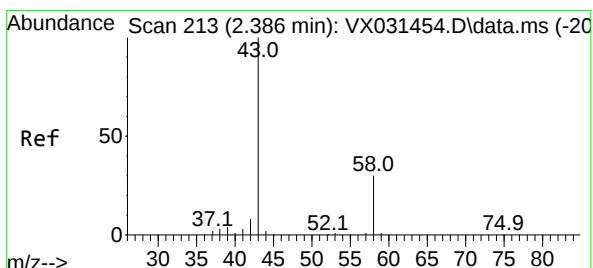
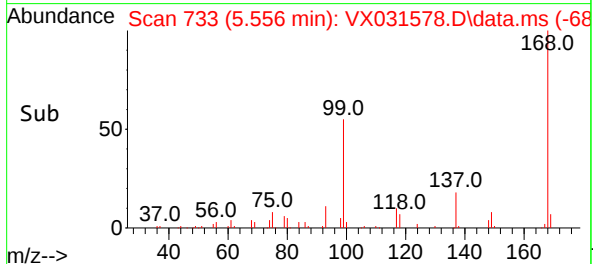
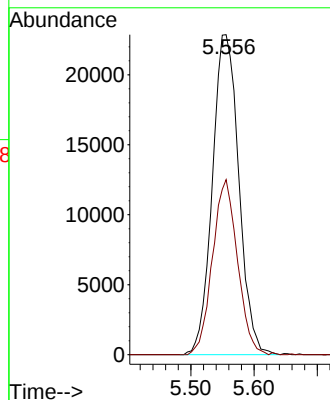
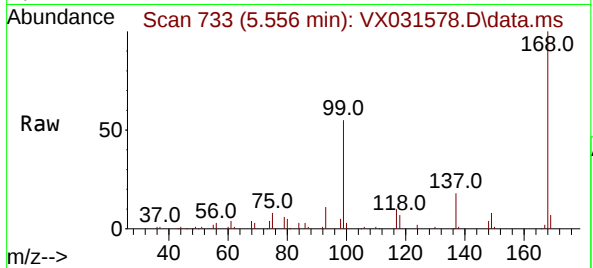




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031578.D
Acq: 22 Sep 2022 18:18

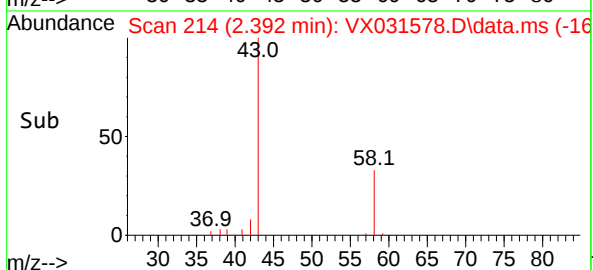
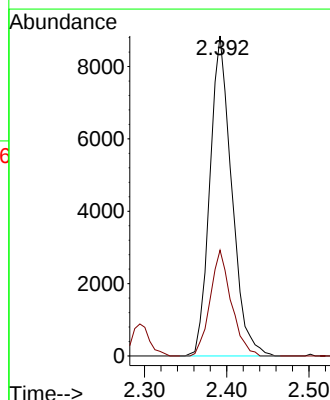
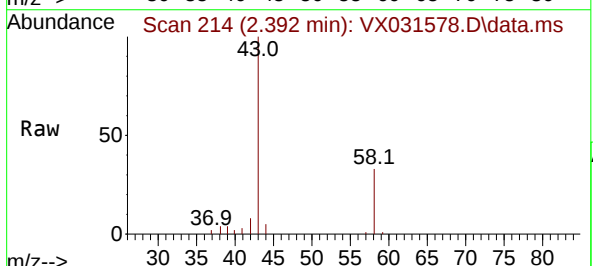
Instrument :
MSVOA_X
ClientSampleId :
OF-3

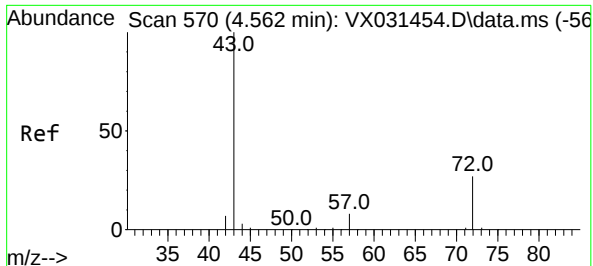
Tgt Ion:168 Resp: 66325
Ion Ratio Lower Upper
168 100
99 54.7 48.8 73.2



#16
Acetone
Concen: 21.471 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031578.D
Acq: 22 Sep 2022 18:18

Tgt Ion: 43 Resp: 16335
Ion Ratio Lower Upper
43 100
58 33.1 23.8 35.8





#25

2-Butanone

Concen: 5.049 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX031578.D

Acq: 22 Sep 2022 18:18

Instrument :

MSVOA_X

ClientSampleId :

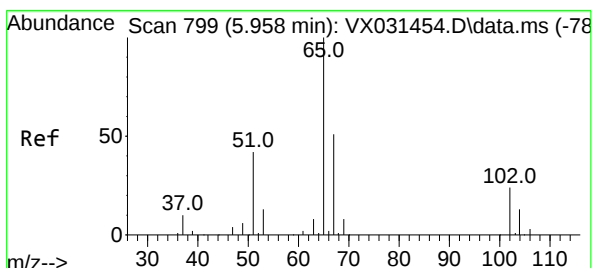
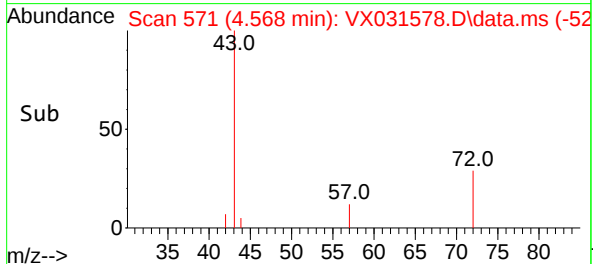
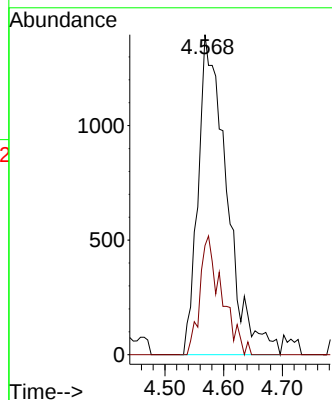
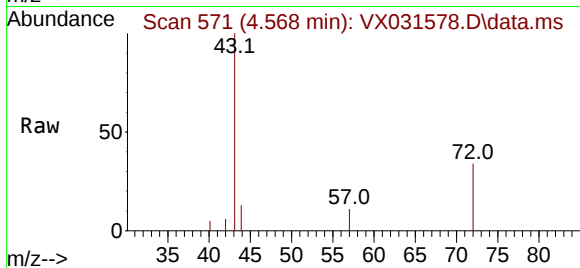
OF-3

Tgt Ion: 43 Resp: 4741

Ion Ratio Lower Upper

43 100

72 34.1 21.1 31.7#



#33

1,2-Dichloroethane-d4

Concen: 56.532 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031578.D

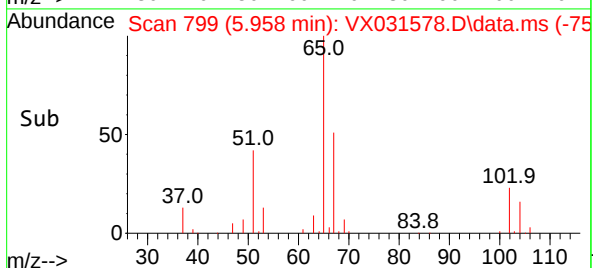
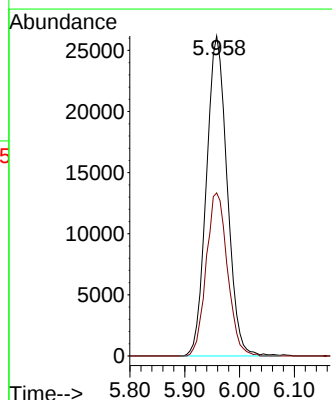
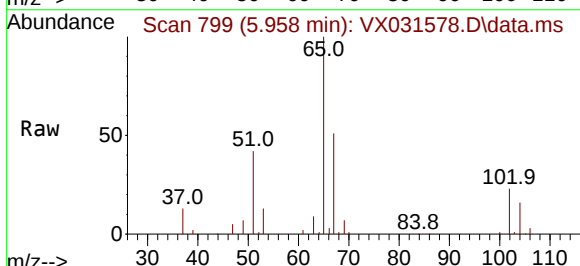
Acq: 22 Sep 2022 18:18

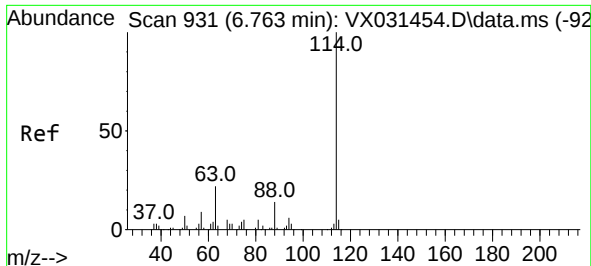
Tgt Ion: 65 Resp: 68720

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.4

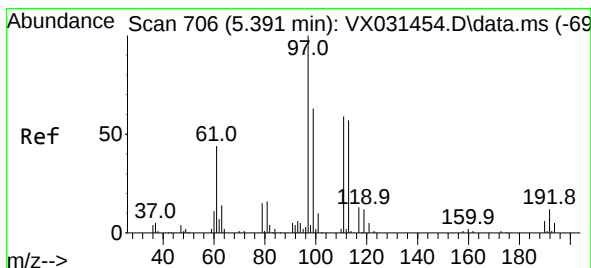
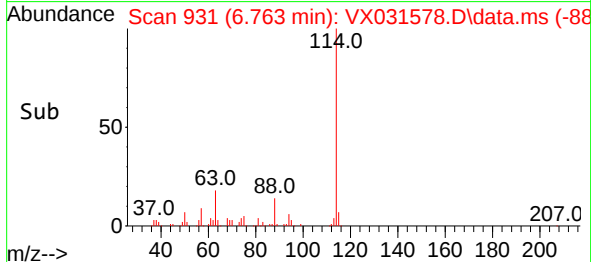
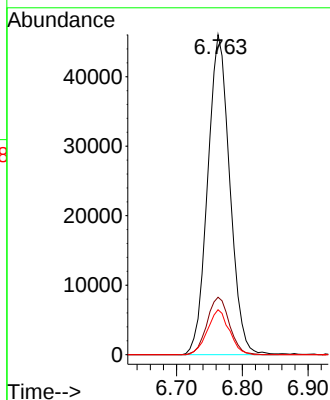
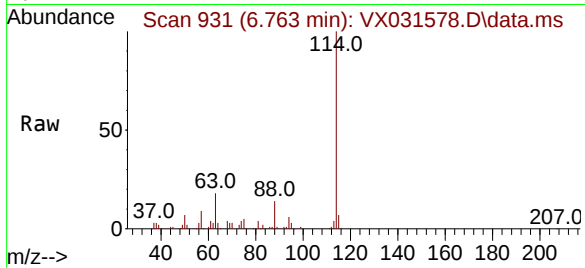




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031578.D
Acq: 22 Sep 2022 18:18

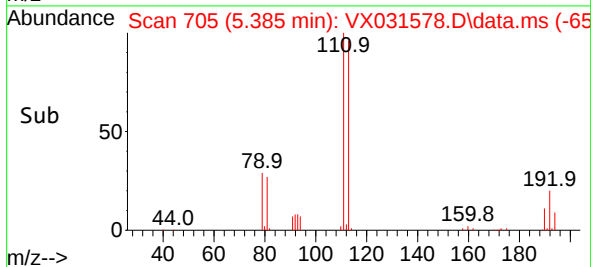
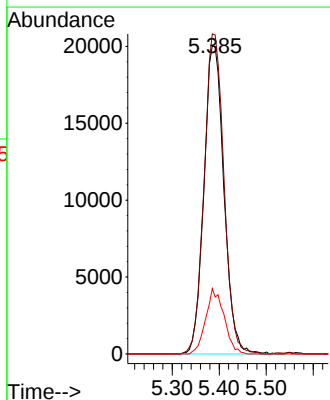
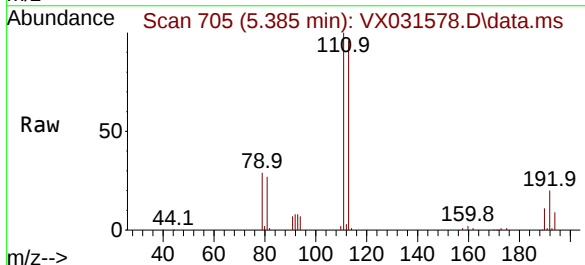
Instrument :
MSVOA_X
ClientSampleId :
OF-3

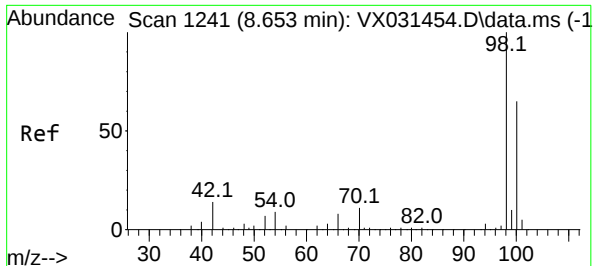
Tgt Ion:114 Resp: 107687
Ion Ratio Lower Upper
114 100
63 17.9 0.0 42.6
88 14.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 53.110 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031578.D
Acq: 22 Sep 2022 18:18

Tgt Ion:113 Resp: 59064
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.5 14.1 21.1





#50

Toluene-d8

Concen: 52.646 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031578.D

Acq: 22 Sep 2022 18:18

Instrument :

MSVOA_X

ClientSampleId :

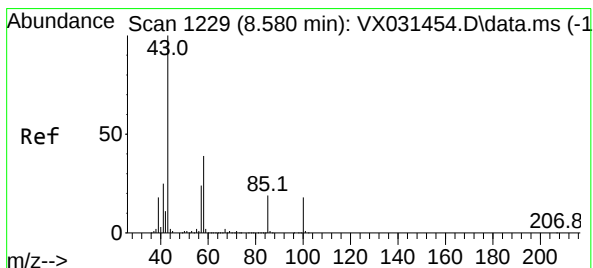
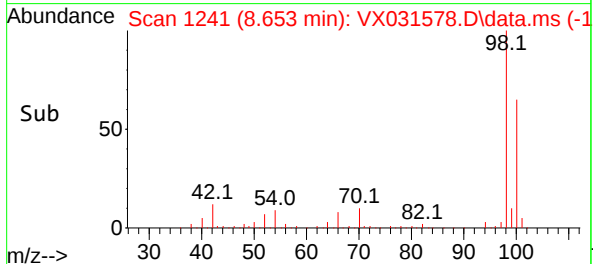
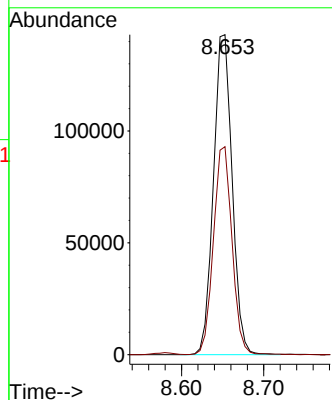
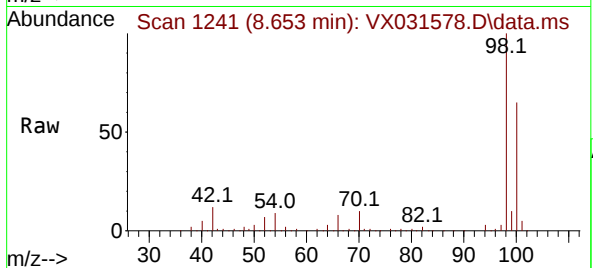
OF-3

Tgt Ion: 98 Resp: 225868

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 4.182 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX031578.D

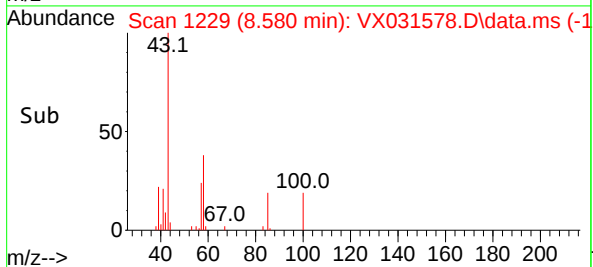
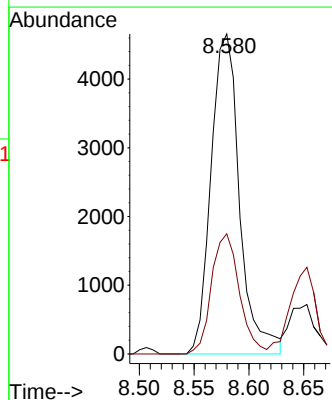
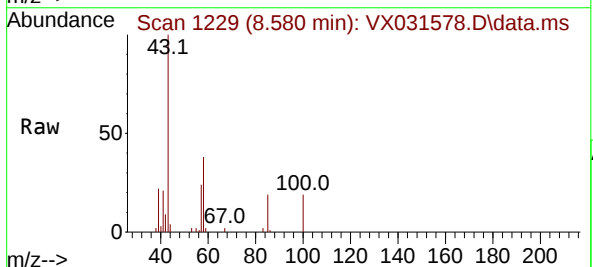
Acq: 22 Sep 2022 18:18

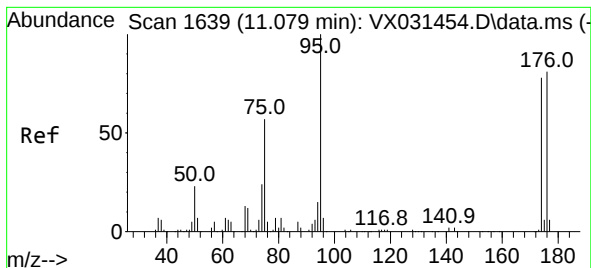
Tgt Ion: 43 Resp: 8443

Ion Ratio Lower Upper

43 100

58 36.6 30.6 46.0

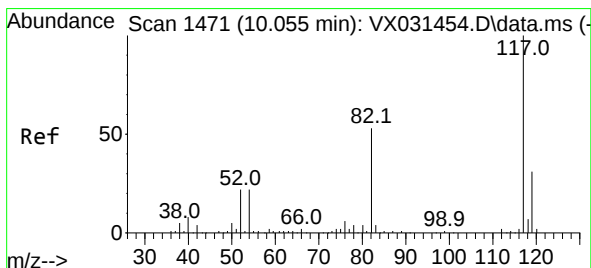
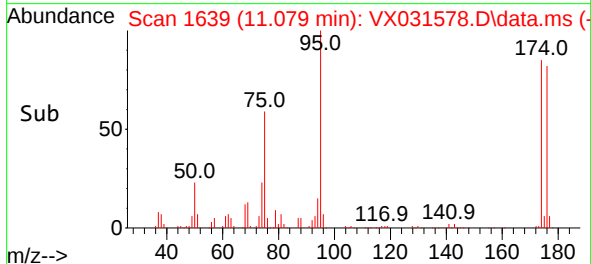
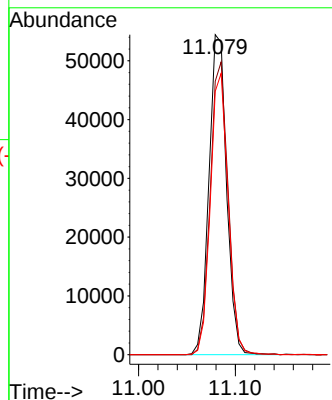
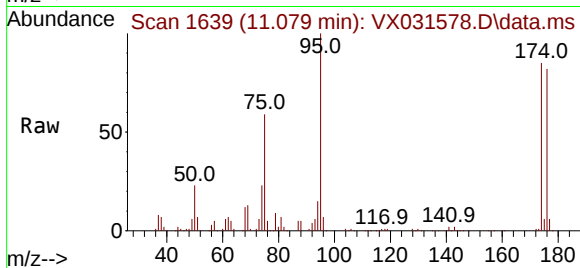




#62
4-Bromofluorobenzene
Concen: 47.412 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031578.D
Acq: 22 Sep 2022 18:18

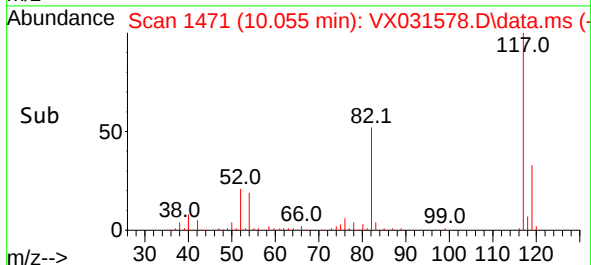
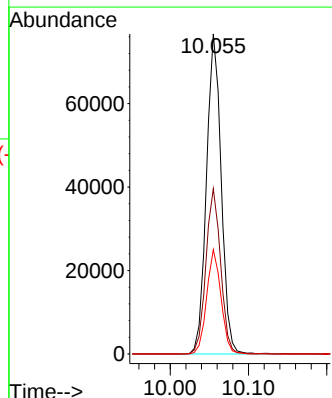
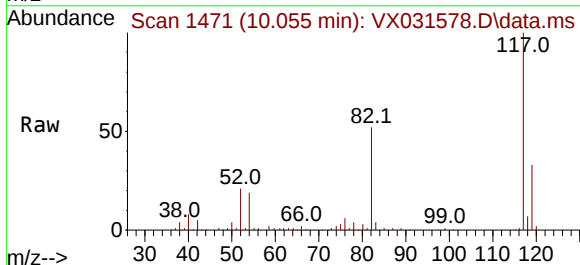
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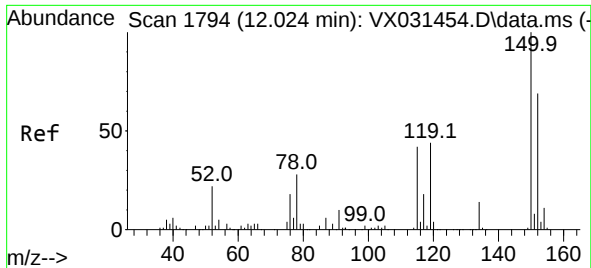
Tgt Ion: 95 Resp: 68903
Ion Ratio Lower Upper
95 100
174 93.0 0.0 153.2
176 88.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031578.D
Acq: 22 Sep 2022 18:18

Tgt Ion: 117 Resp: 99980
Ion Ratio Lower Upper
117 100
82 51.6 46.8 70.2
119 32.6 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: VX031578.D

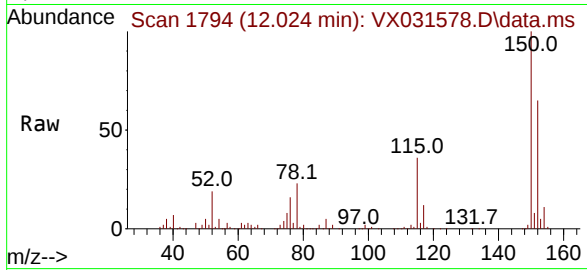
Acq: 22 Sep 2022 18:18

Instrument :

MSVOA_X

ClientSampleId :

OF-3



Tgt Ion:152 Resp: 45736

Ion Ratio Lower Upper

152 100

115 57.2 43.4 130.1

150 154.3 0.0 346.8

