

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032576.D
 Acq On : 04 Nov 2022 15:05
 Operator : JC/MD
 Sample : N5474-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5592-3

Quant Time: Nov 05 00:37:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	114828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79690	49.946	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.900%
35) Dibromofluoromethane	5.385	113	61740	44.836	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.680%
50) Toluene-d8	8.653	98	229007	47.827	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.660%
62) 4-Bromofluorobenzene	11.079	95	86541	46.269	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.540%

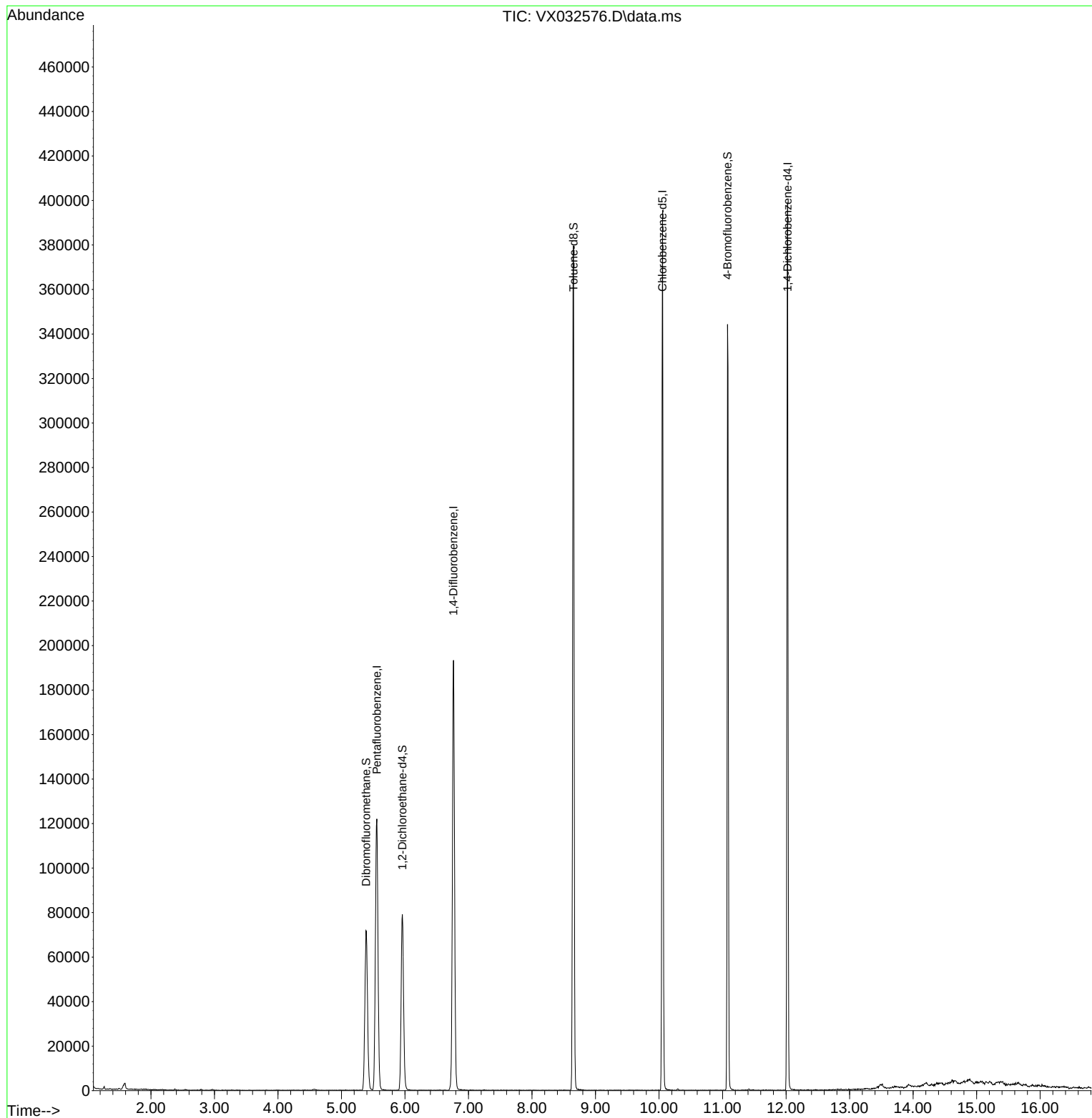
Target Compounds	Qvalue

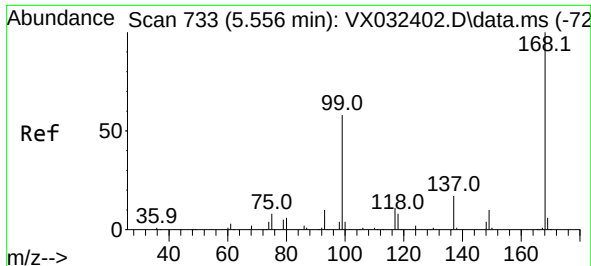
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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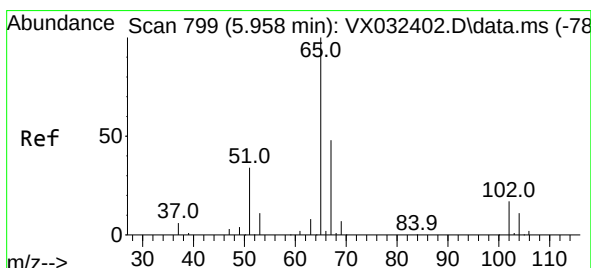
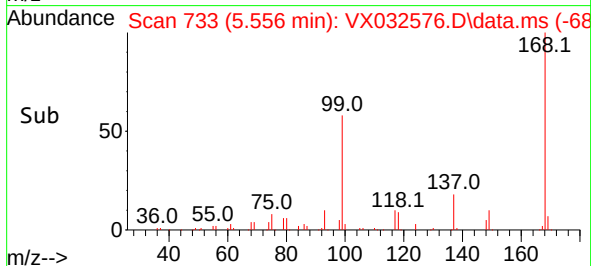
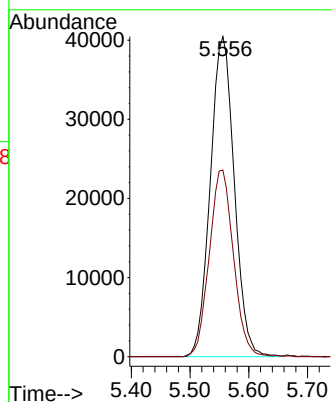
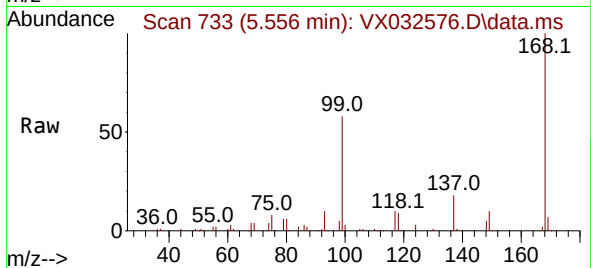




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

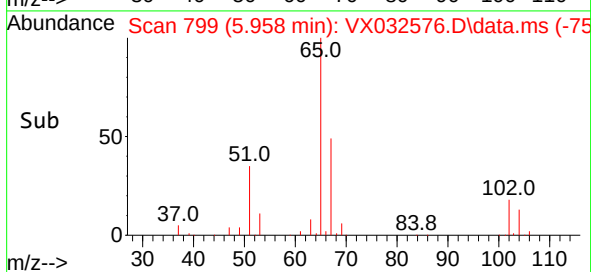
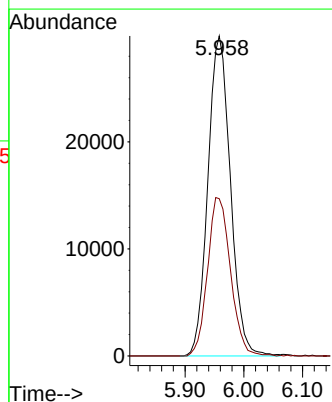
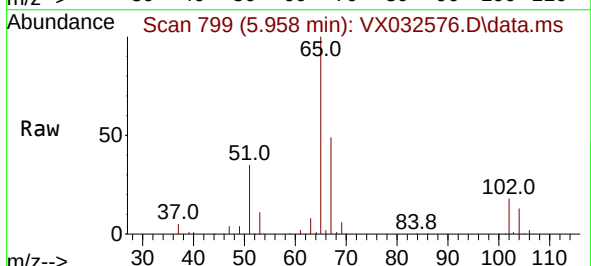
Instrument :
MSVOA_X
ClientSampleId :
5592-3

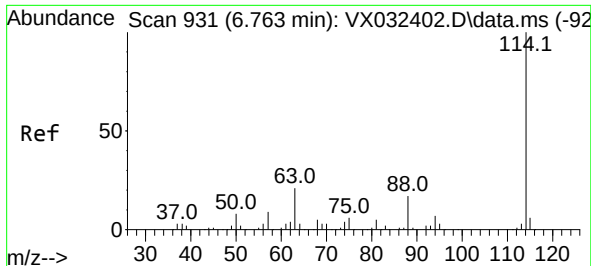
Tgt Ion:168 Resp: 114828
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 49.946 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

Tgt Ion: 65 Resp: 79690
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

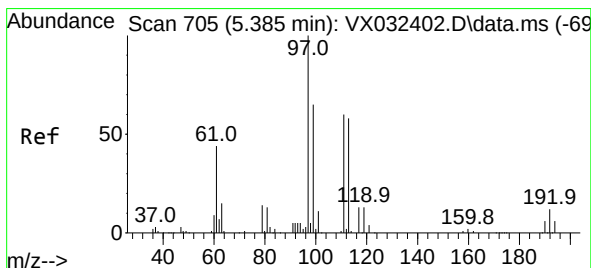
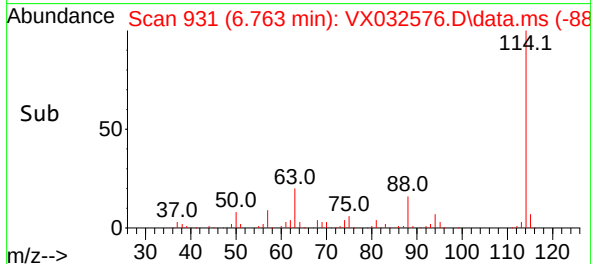
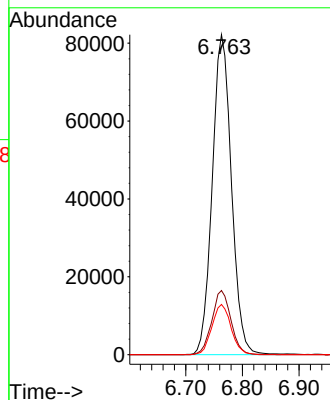
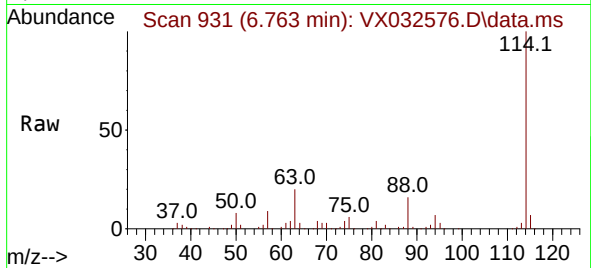




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX032576.D
 Acq: 04 Nov 2022 15:05

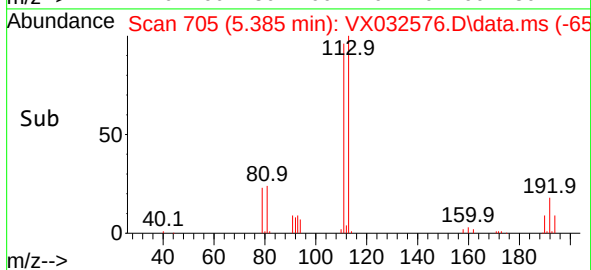
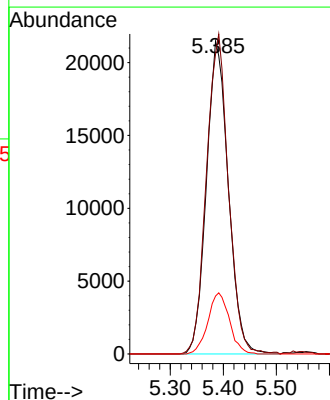
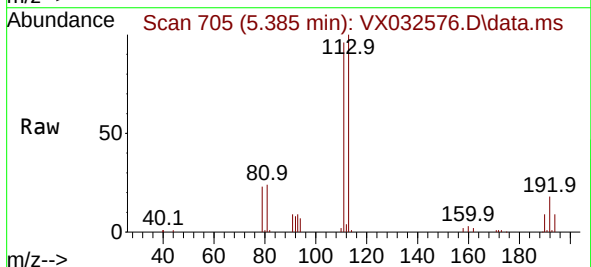
Instrument :
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 5592-3

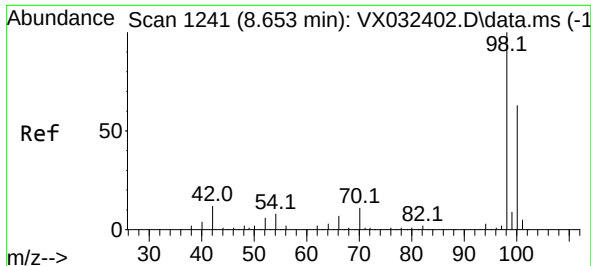
Tgt Ion:114 Resp: 193046
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.6
 88 15.7 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 44.836 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX032576.D
 Acq: 04 Nov 2022 15:05

Tgt Ion:113 Resp: 61740
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 19.2 15.4 23.2

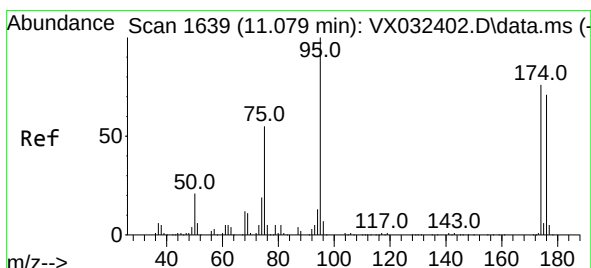
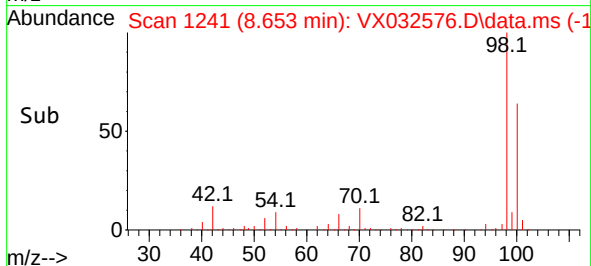
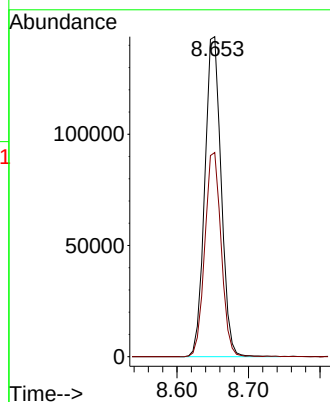
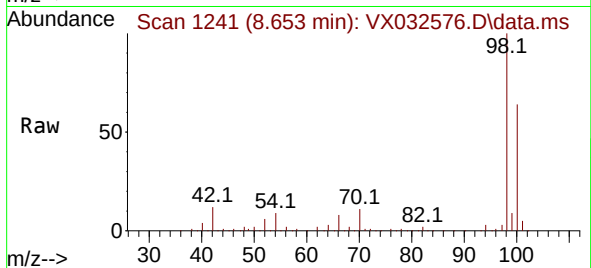




#50
Toluene-d8
Concen: 47.827 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

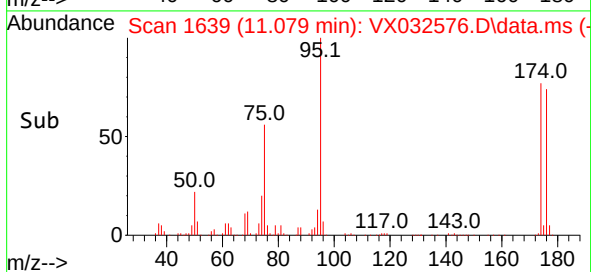
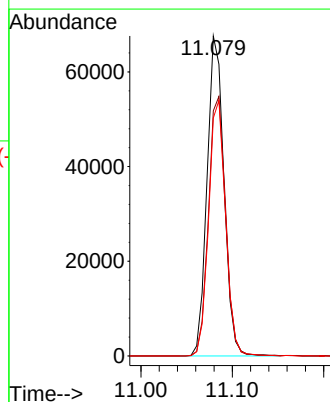
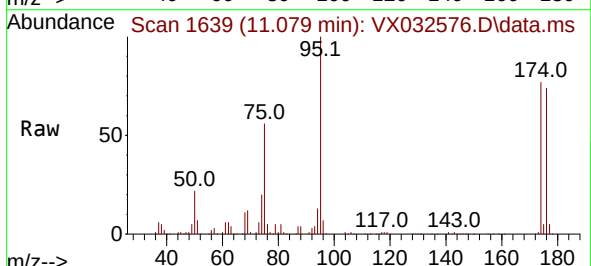
Instrument :
MSVOA_X
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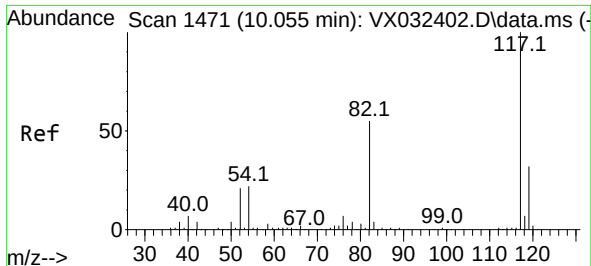
Tgt Ion: 98 Resp: 229007
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.269 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032576.D
Acq: 04 Nov 2022 15:05

Tgt Ion: 95 Resp: 86541
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.0
176 80.1 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: VX032576.D

Acq: 04 Nov 2022 15:05

Instrument :

MSVOA_X

ClientSampleId :

5592-3

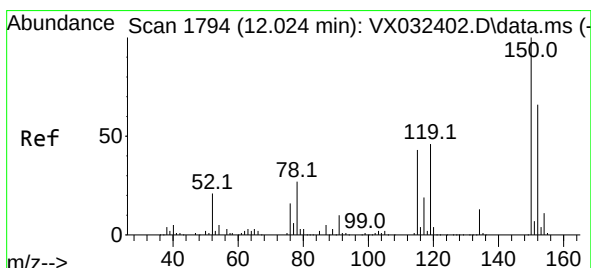
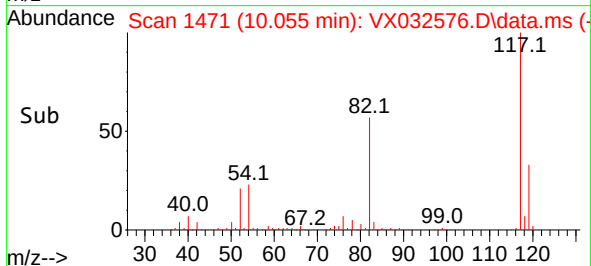
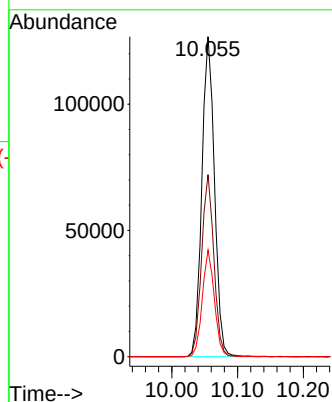
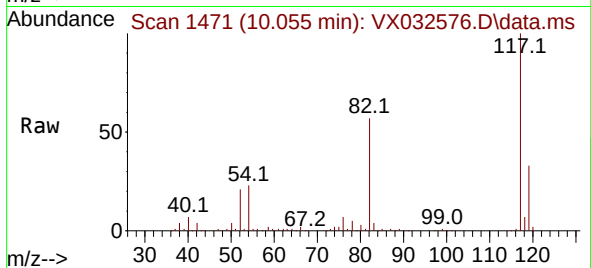
Tgt Ion:117 Resp: 168600

Ion Ratio Lower Upper

117 100

82 56.9 44.3 66.5

119 33.3 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: VX032576.D

Acq: 04 Nov 2022 15:05

Tgt Ion:152 Resp: 80533

Ion Ratio Lower Upper

152 100

115 60.8 44.0 132.0

150 157.4 0.0 351.8

