

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092722\
 Data File : VX031707.D
 Acq On : 27 Sep 2022 17:20
 Operator : JC/MD
 Sample : N4835-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 529317-4

Quant Time: Sep 28 06:31:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	56892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	91922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62643	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68340	56.597	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.200%
35) Dibromofluoromethane	5.385	113	53586	48.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	8.653	98	195734	49.293	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.580%
62) 4-Bromofluorobenzene	11.079	95	65409	44.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.880%

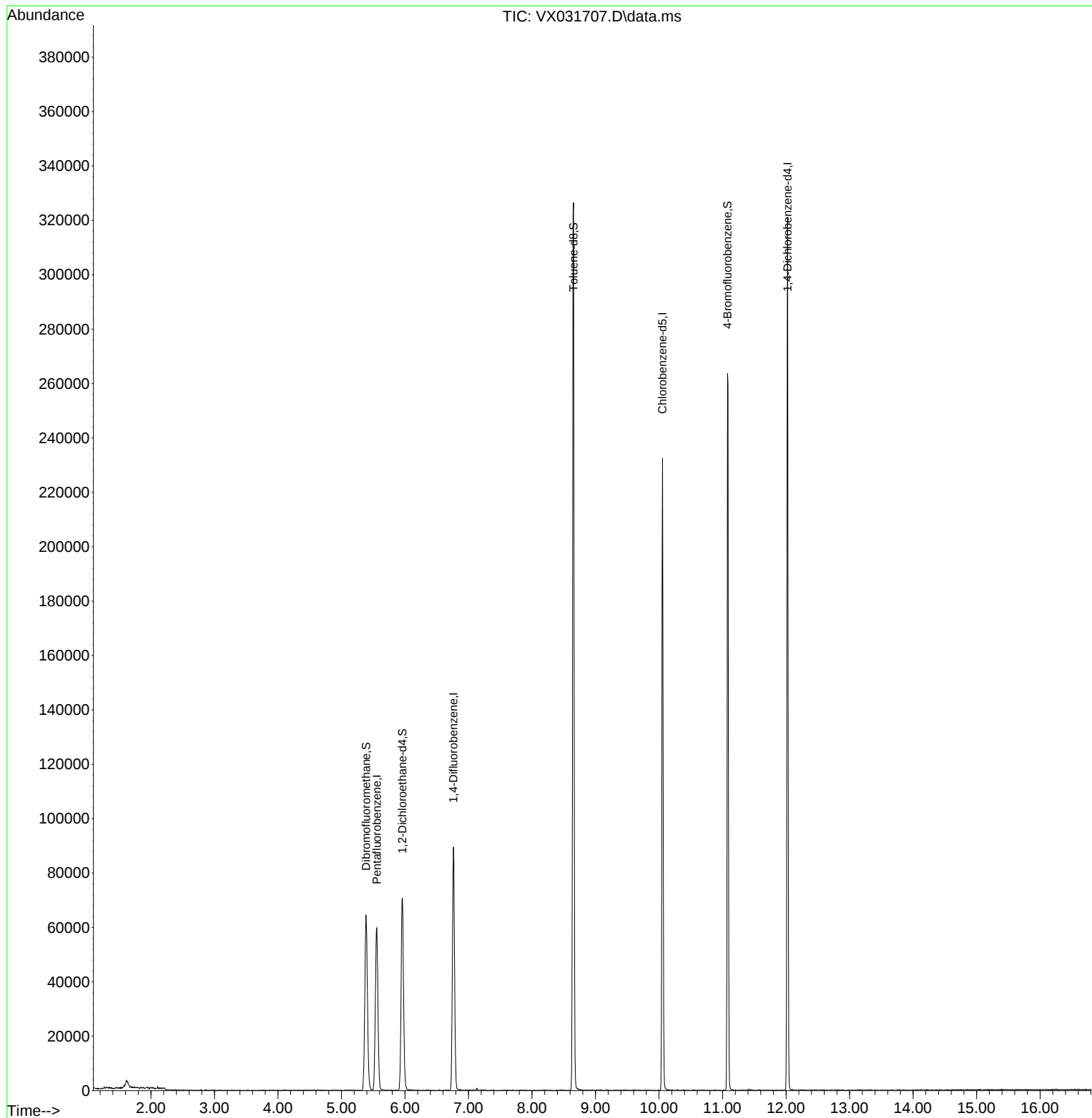
Target Compounds	Qvalue

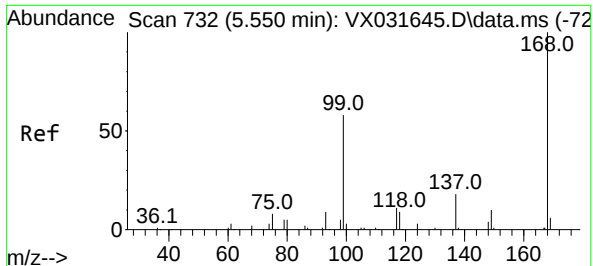
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX031707.D
Acq: 27 Sep 2022 17:20

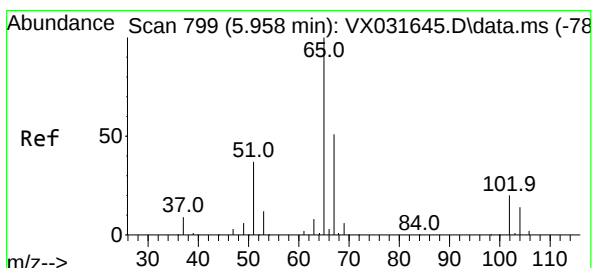
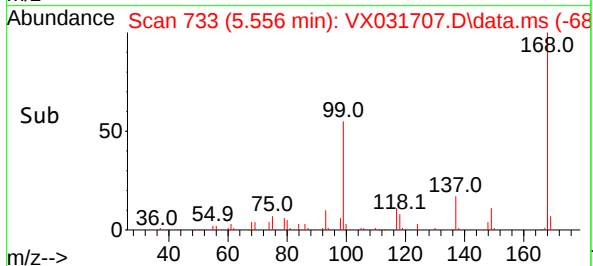
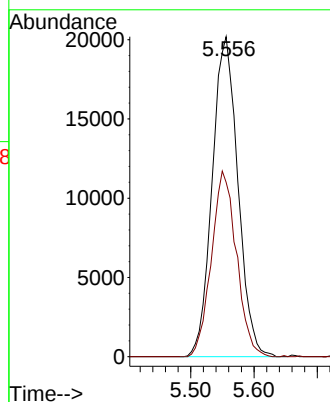
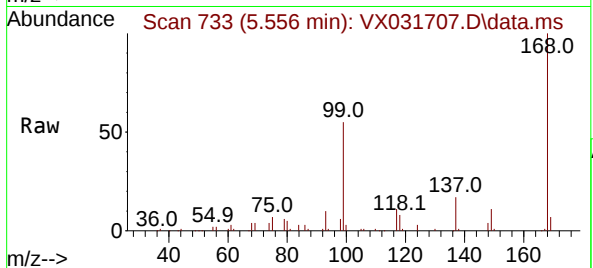
Instrument :

MSVOA_X

ClientSampleId :

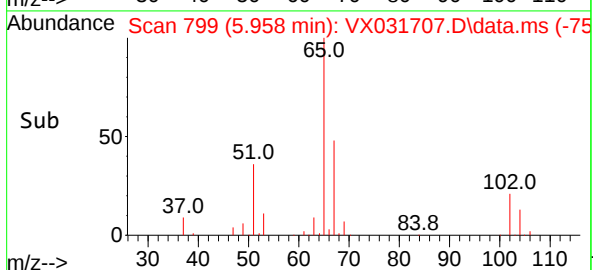
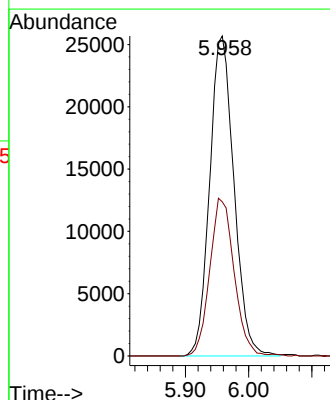
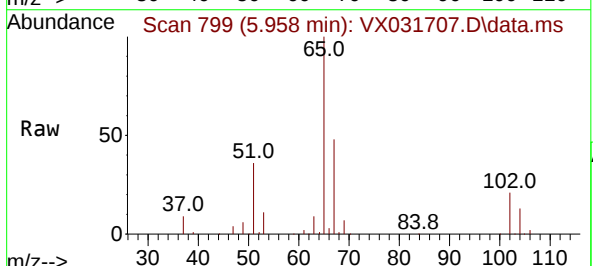
529317-4

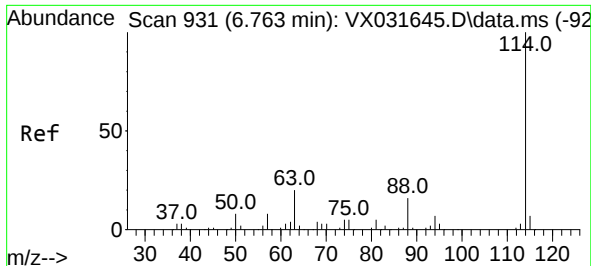
Tgt Ion:168 Resp: 56892
Ion Ratio Lower Upper
168 100
99 54.5 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 56.597 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

Tgt Ion: 65 Resp: 68340
Ion Ratio Lower Upper
65 100
67 49.4 0.0 102.4

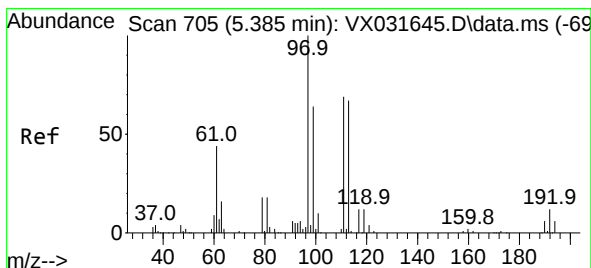
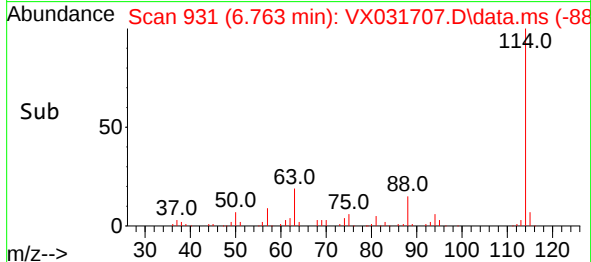
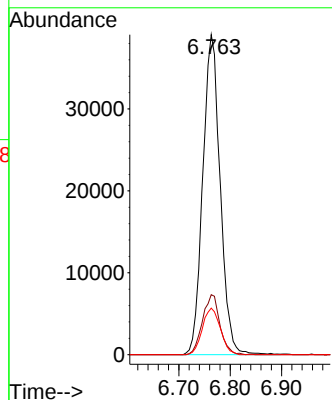
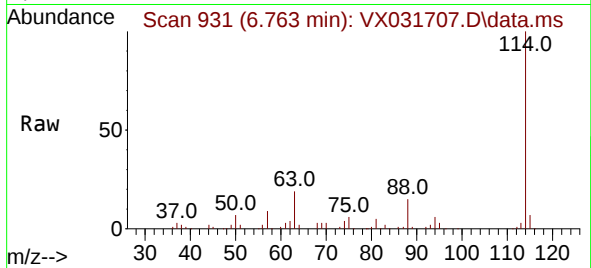




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX031707.D
 Acq: 27 Sep 2022 17:20

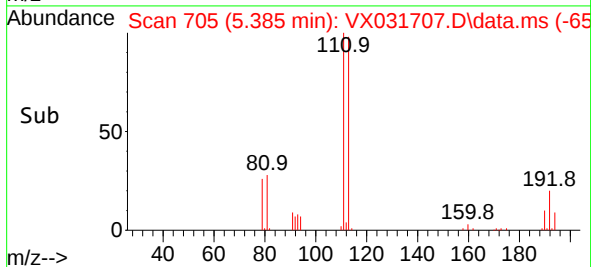
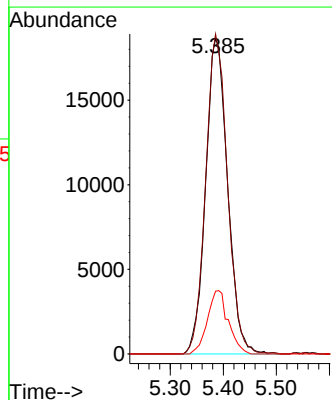
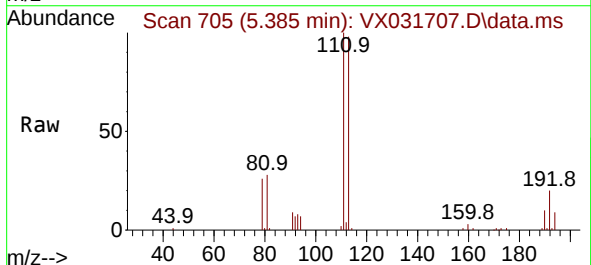
Instrument :
 MSVOA_X
 ClientSampleId :
 529317-4

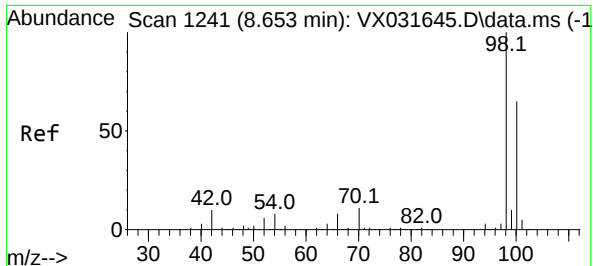
Tgt Ion:114 Resp: 91922
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.6
 88 14.5 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 48.925 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX031707.D
 Acq: 27 Sep 2022 17:20

Tgt Ion:113 Resp: 53586
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.4 123.6
 192 19.1 14.1 21.1





#50

Toluene-d8

Concen: 49.293 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031707.D

Acq: 27 Sep 2022 17:20

Instrument :

MSVOA_X

ClientSampleId :

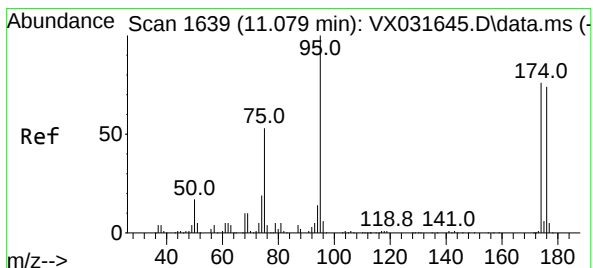
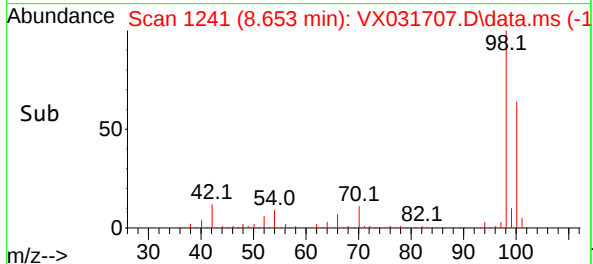
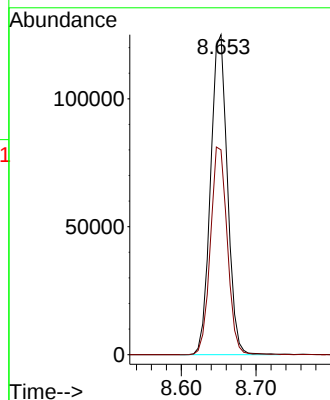
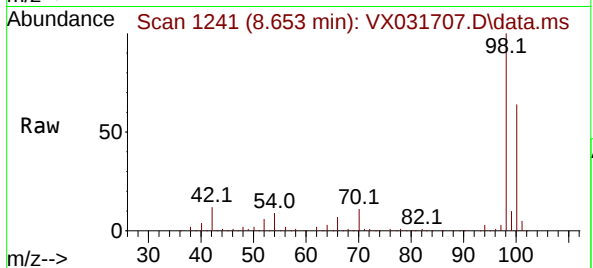
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Tgt Ion: 98 Resp: 195734

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 44.943 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031707.D

Acq: 27 Sep 2022 17:20

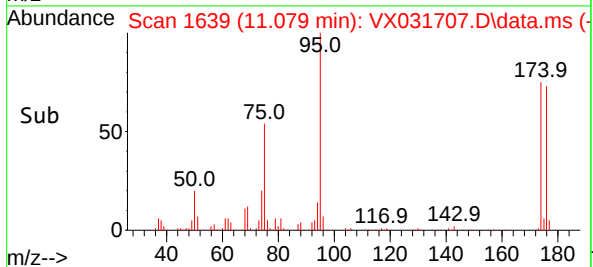
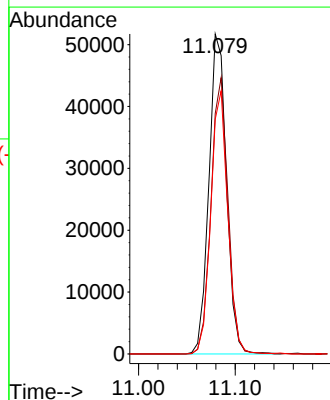
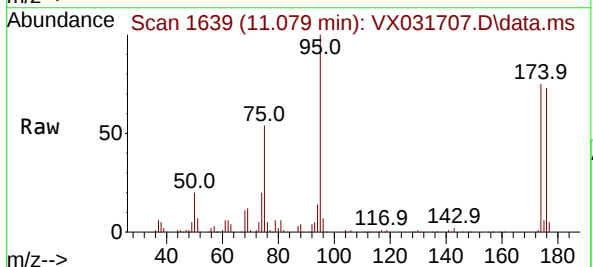
Tgt Ion: 95 Resp: 65409

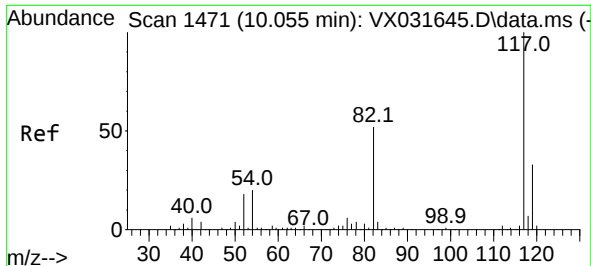
Ion Ratio Lower Upper

95 100

174 83.7 0.0 153.2

176 79.5 0.0 144.0

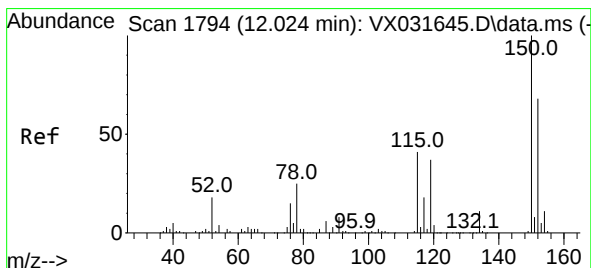
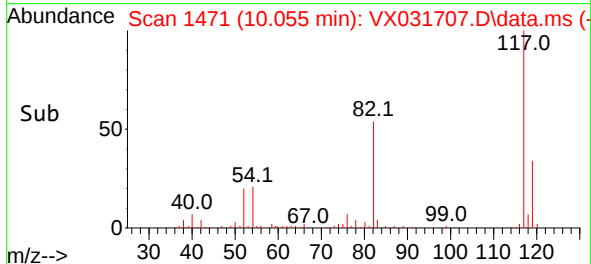
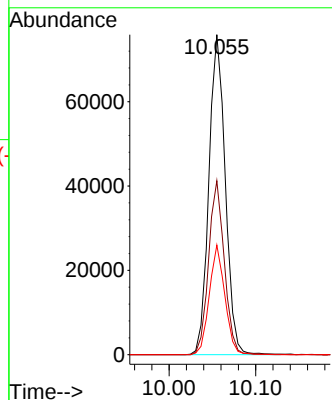
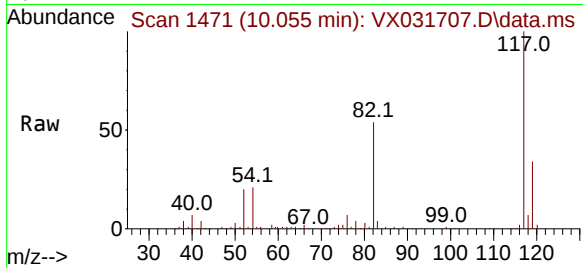




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

Instrument :
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Tgt Ion:117 Resp: 99750
Ion Ratio Lower Upper
117 100
82 54.4 46.8 70.2
119 34.3 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031707.D
Acq: 27 Sep 2022 17:20

Tgt Ion:152 Resp: 62643
Ion Ratio Lower Upper
152 100
115 58.0 43.4 130.1
150 155.7 0.0 346.8

