

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038987.D
 Acq On : 21 Nov 2023 16:12
 Operator : JC/MD
 Sample : 05407-10 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01-20231114

Quant Time: Nov 22 03:22:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

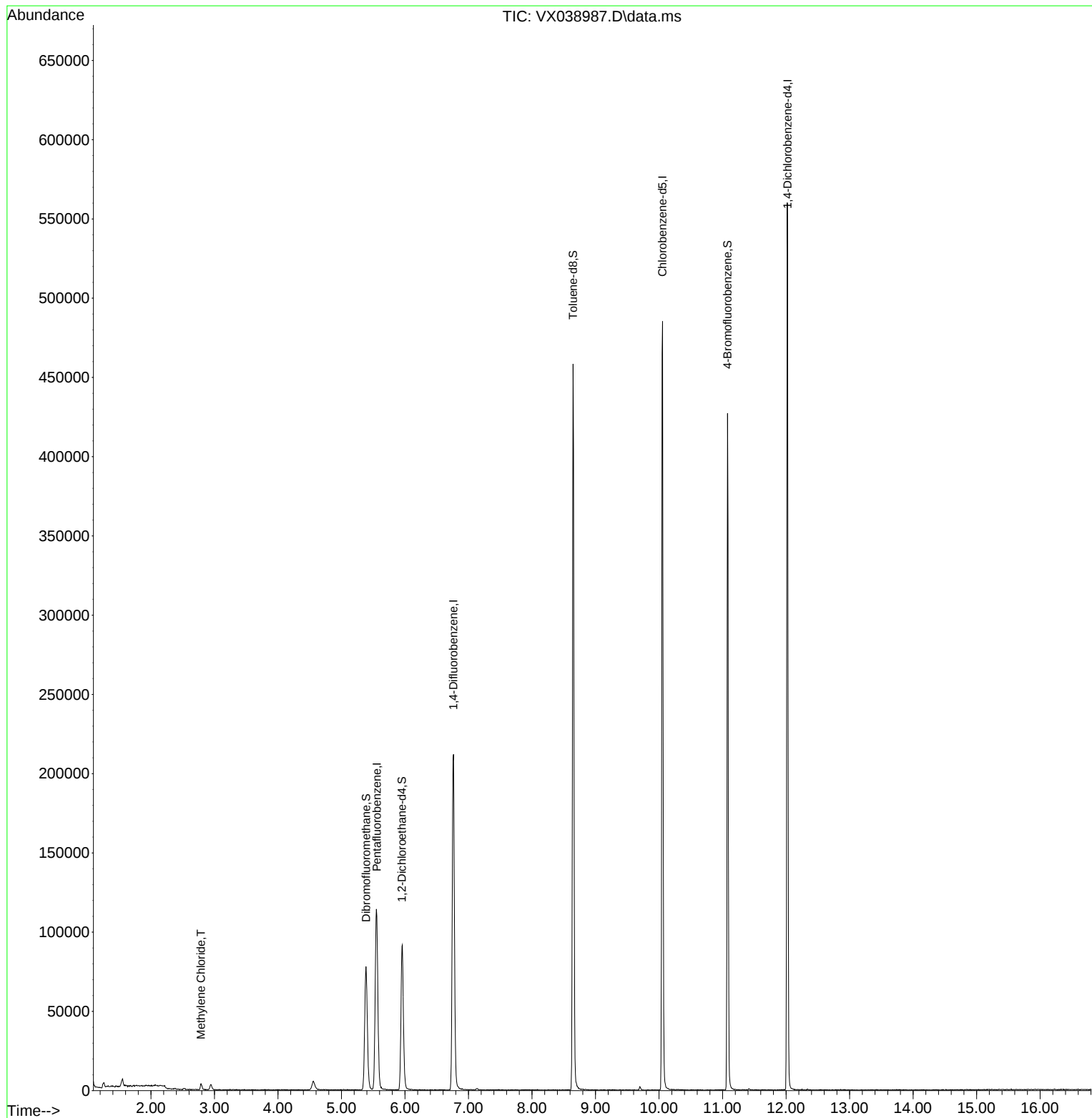
Internal Standards						
1) Pentafluorobenzene	5.556	168	101301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85901	52.625	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.260%
35) Dibromofluoromethane	5.385	113	68281	44.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.580%
50) Toluene-d8	8.647	98	272946	46.271	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.540%
62) 4-Bromofluorobenzene	11.079	95	117094	49.588	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.180%
Target Compounds						
20) Methylene Chloride	2.788	84	1604	1.024	ug/l	Qvalue # 94

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

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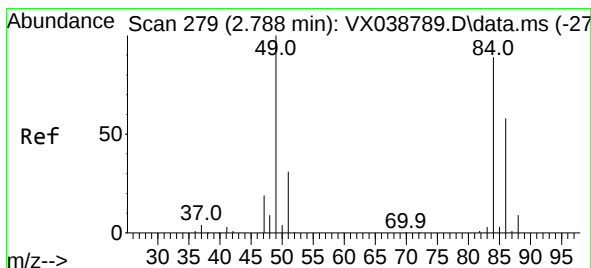
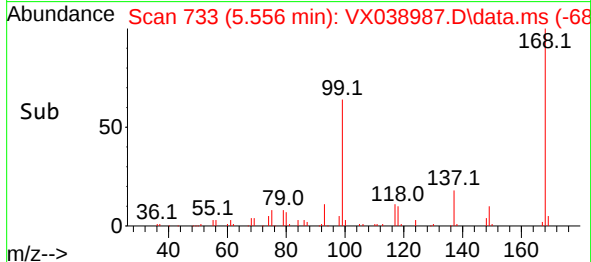
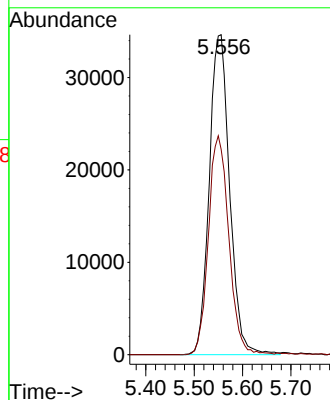
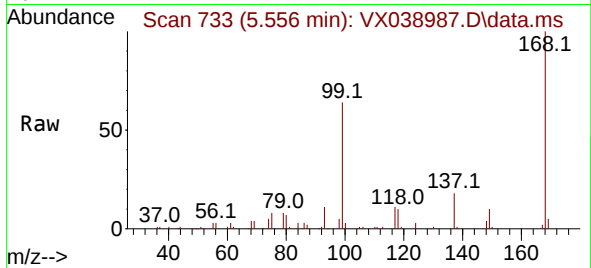




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

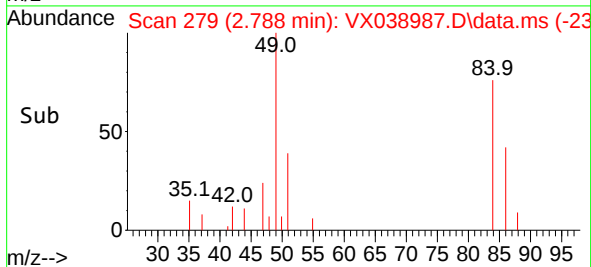
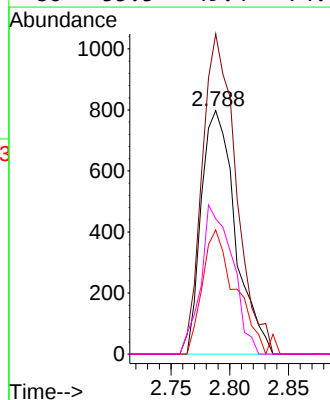
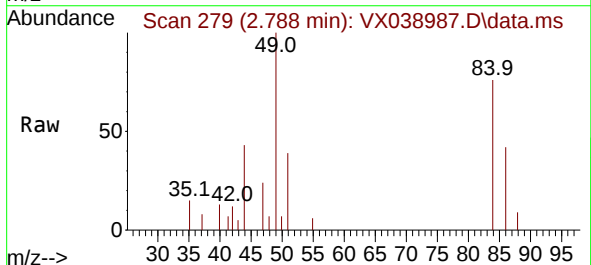
Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20231114

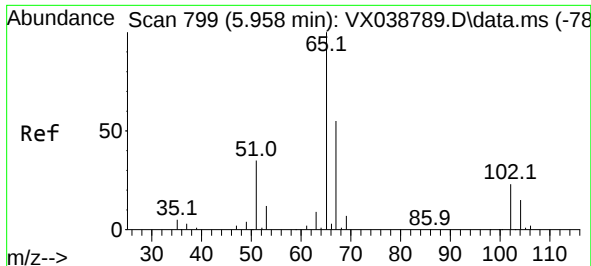
Tgt Ion:168 Resp: 101301
Ion Ratio Lower Upper
168 100
99 64.2 56.6 85.0



#20
Methylene Chloride
Concen: 1.024 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

Tgt Ion: 84 Resp: 1604
Ion Ratio Lower Upper
84 100
49 131.5 103.6 155.4
51 51.0 33.8 50.6#
86 55.5 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 52.625 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038987.D

Acq: 21 Nov 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

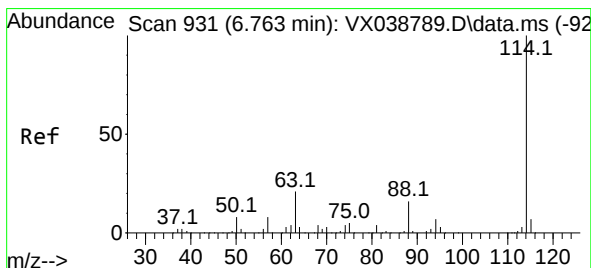
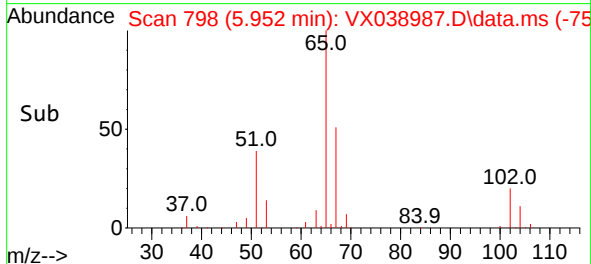
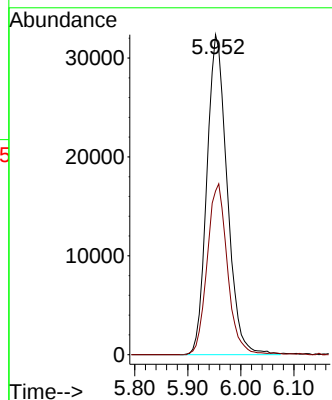
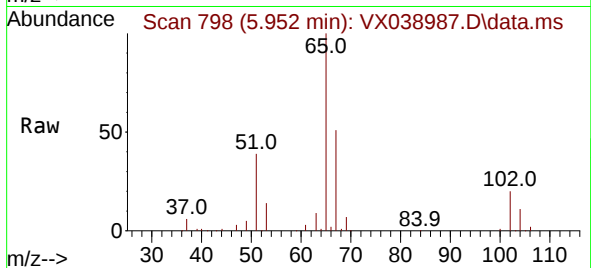
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Tgt Ion: 65 Resp: 85901

Ion Ratio Lower Upper

65 100

67 53.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038987.D

Acq: 21 Nov 2023 16:12

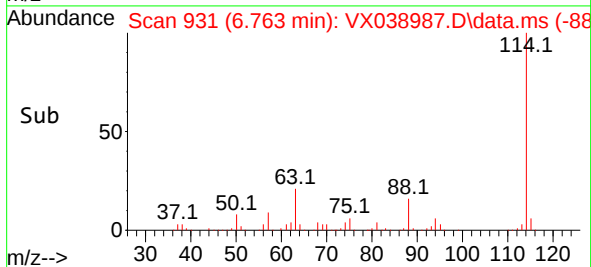
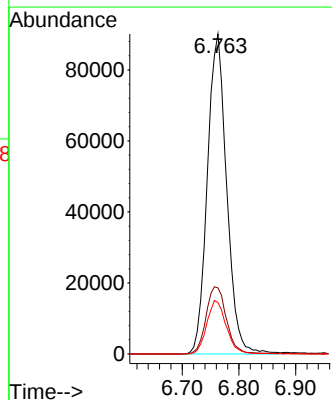
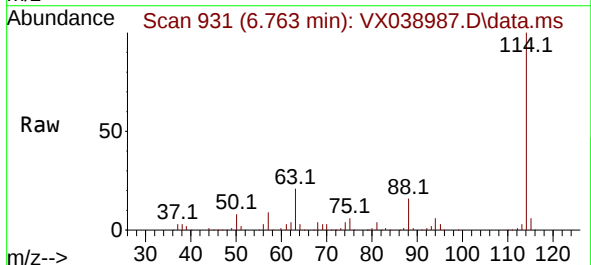
Tgt Ion: 114 Resp: 213475

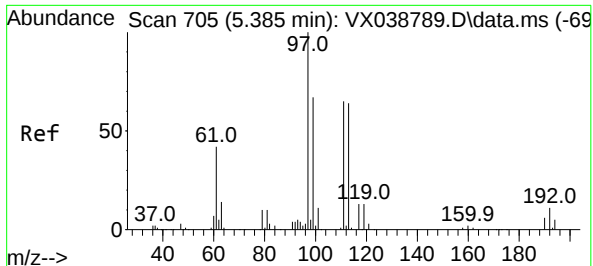
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.287 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038987.D

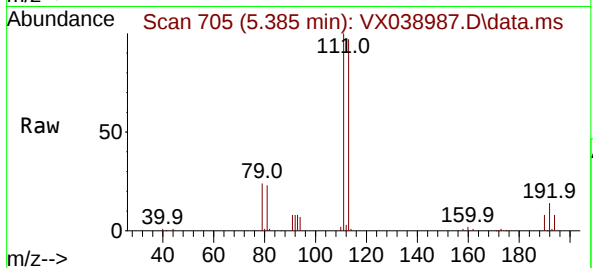
Acq: 21 Nov 2023 16:12

Instrument :

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ClientSampleId :

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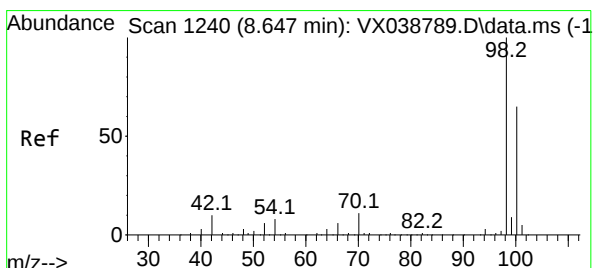
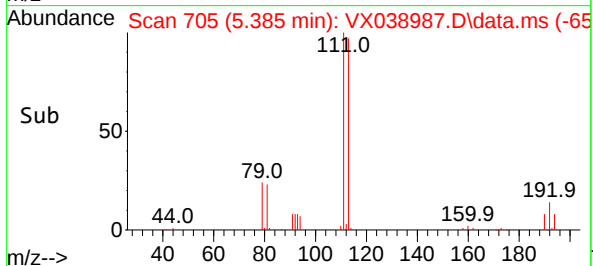
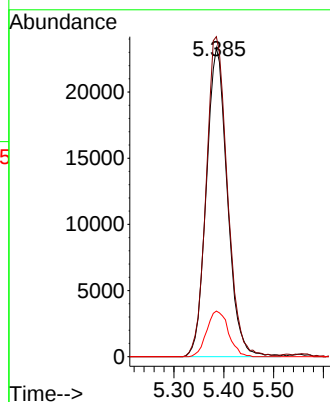
Tgt Ion:113 Resp: 68281

Ion Ratio Lower Upper

113 100

111 105.0 82.9 124.3

192 15.3 13.3 19.9



#50

Toluene-d8

Concen: 46.271 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX038987.D

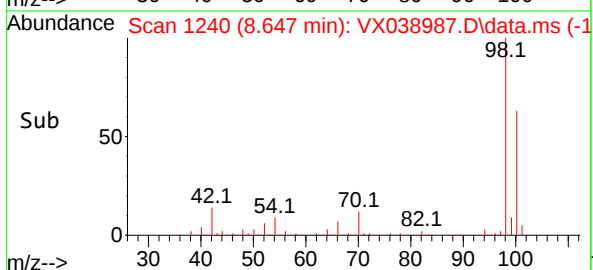
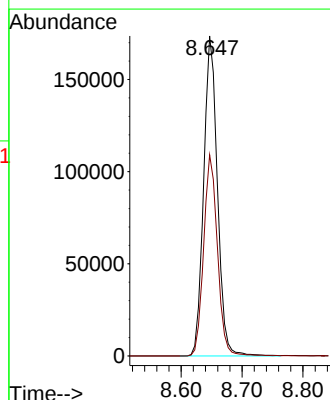
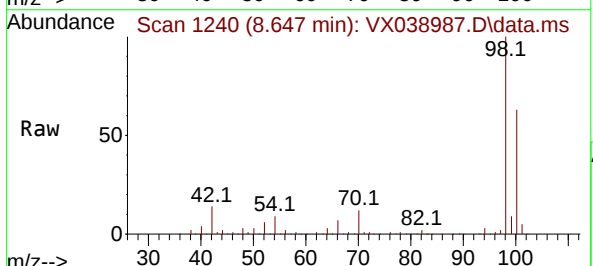
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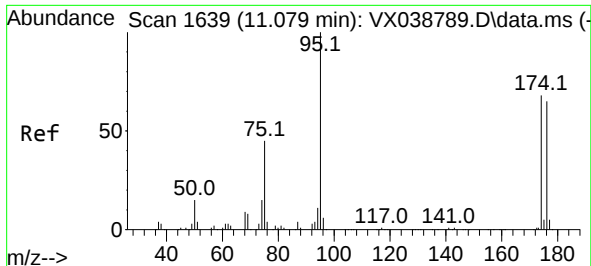
Tgt Ion: 98 Resp: 272946

Ion Ratio Lower Upper

98 100

100 63.0 53.1 79.7

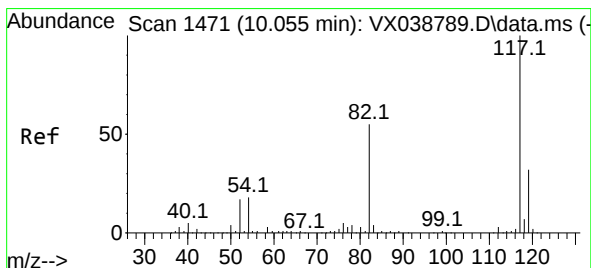
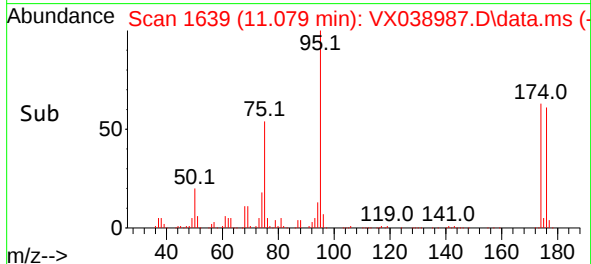
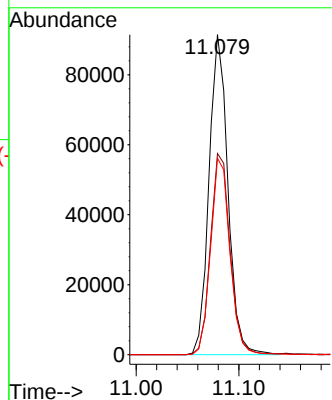
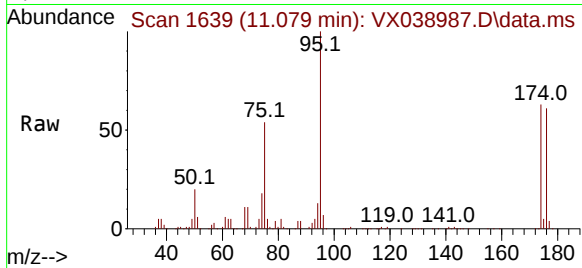




#62
4-Bromofluorobenzene
Concen: 49.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

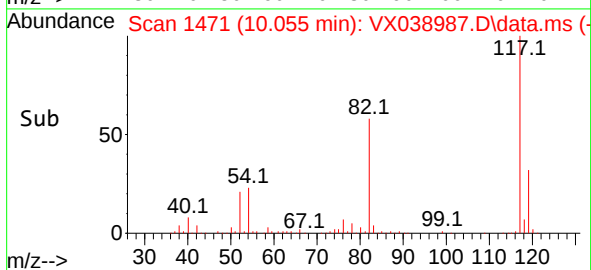
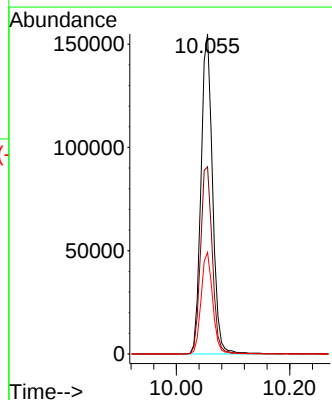
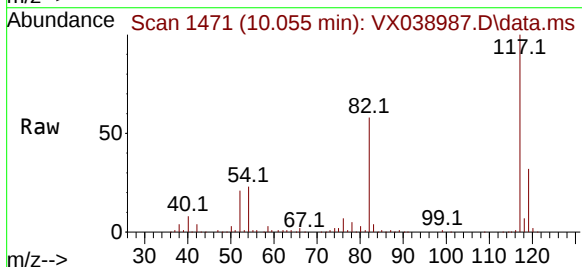
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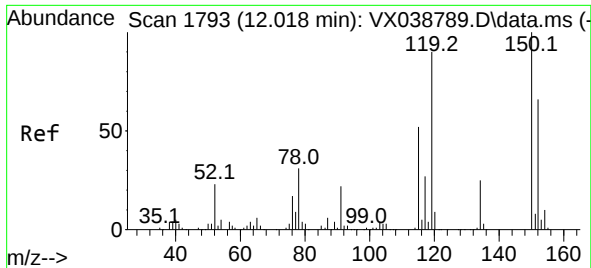
Tgt Ion: 95 Resp: 117094
Ion Ratio Lower Upper
95 100
174 65.4 0.0 135.6
176 62.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038987.D
Acq: 21 Nov 2023 16:12

Tgt Ion: 117 Resp: 218990
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038987.D

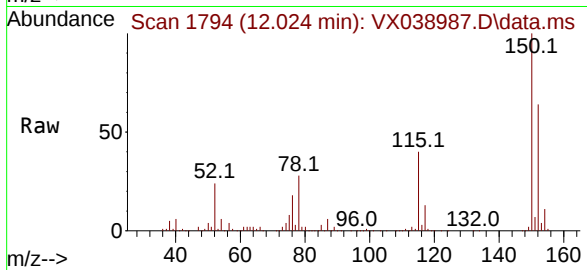
Acq: 21 Nov 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

DUP-01-20231114



Tgt Ion:152 Resp: 110178

Ion Ratio Lower Upper

152 100

115 65.4 43.3 129.9

150 157.7 0.0 345.0

