

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032847.D
 Acq On : 16 Nov 2022 05:48
 Operator : JC/MD
 Sample : N5640-14 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP111522

Quant Time: Nov 16 07:05:47 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)

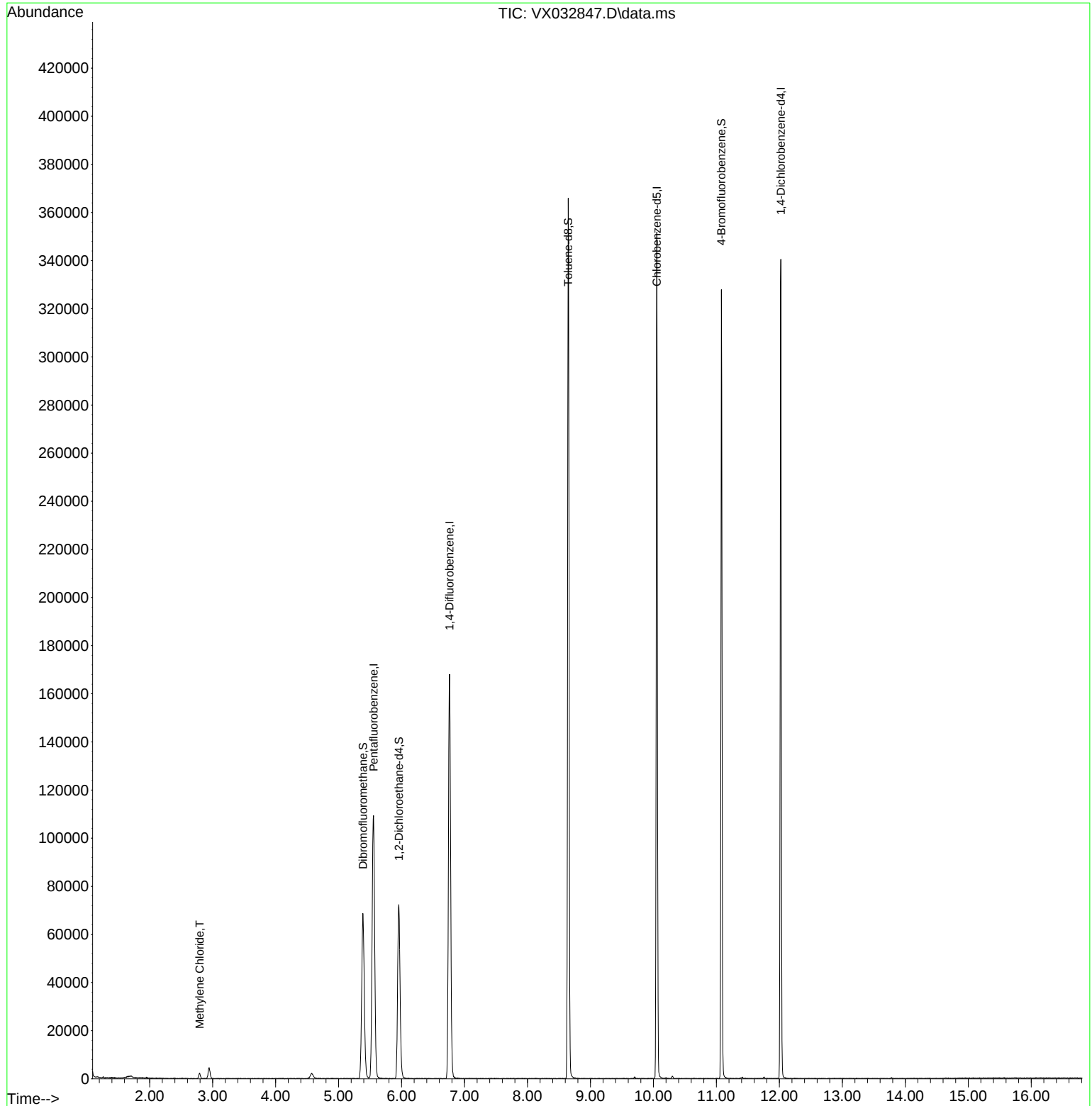
Internal Standards						
1) Pentafluorobenzene	5.556	168	105200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74057	50.664	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.320%
35) Dibromofluoromethane	5.385	113	58188	46.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.647	98	215842	50.044	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.080%
62) 4-Bromofluorobenzene	11.079	95	80675	47.885	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.780%
Target Compounds						Qvalue
20) Methylene Chloride	2.794	84	1055	0.866	ug/l	96

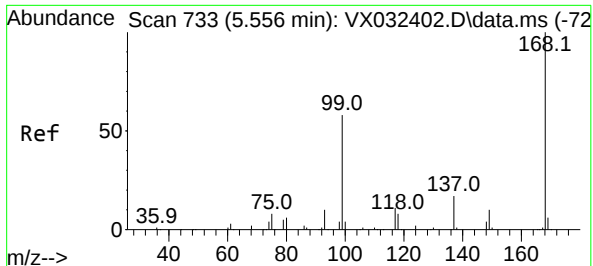
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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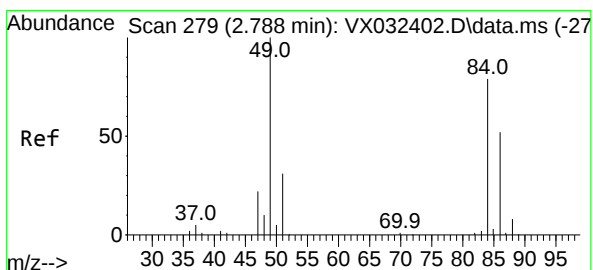
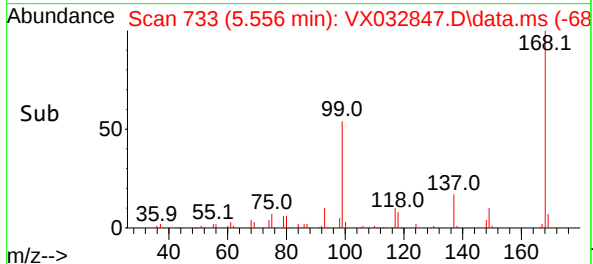
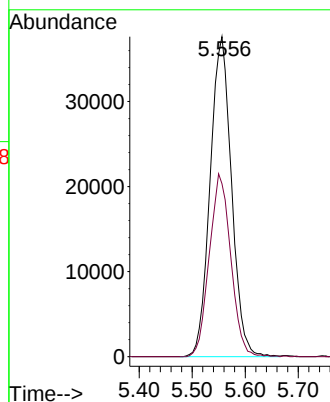
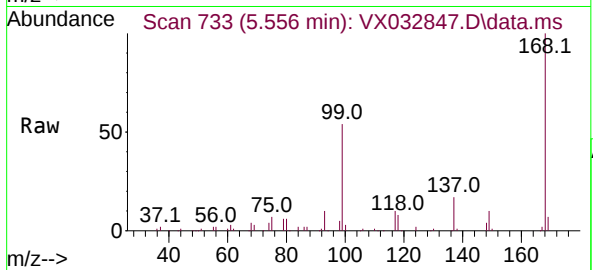




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

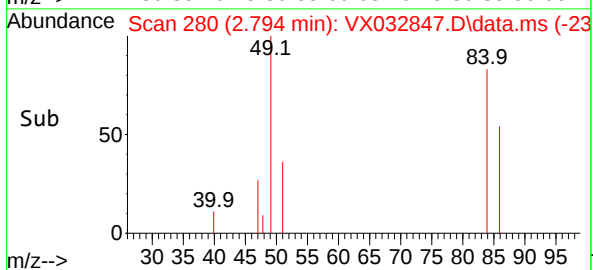
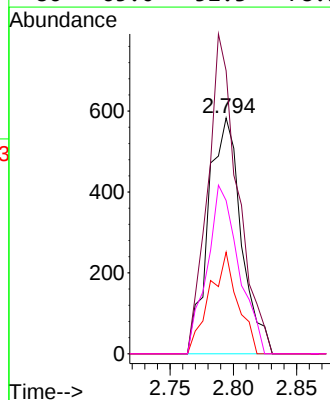
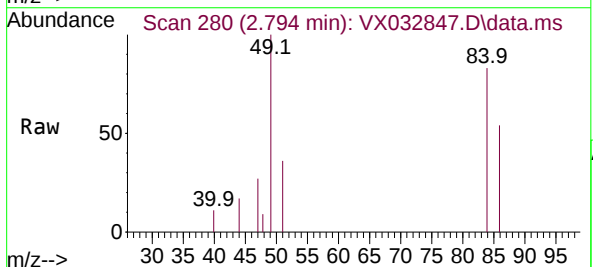
Instrument :
MSVOA_X
ClientSampleId :
DUP111522

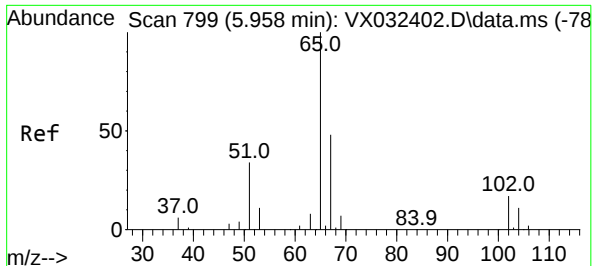
Tgt Ion:168 Resp: 105200
Ion Ratio Lower Upper
168 100
99 54.0 46.1 69.1



#20
Methylene Chloride
Concen: 0.866 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

Tgt Ion: 84 Resp: 1055
Ion Ratio Lower Upper
84 100
49 120.1 101.0 151.6
51 43.1 31.1 46.7
86 65.0 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 50.664 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032847.D

Acq: 16 Nov 2022 05:48

Instrument :

MSVOA_X

ClientSampleId :

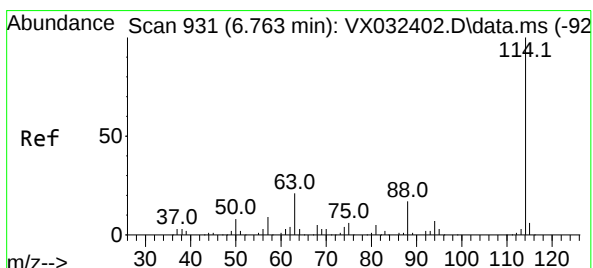
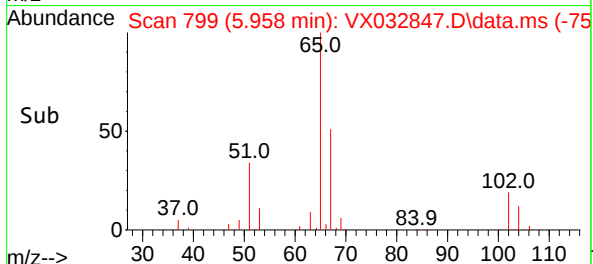
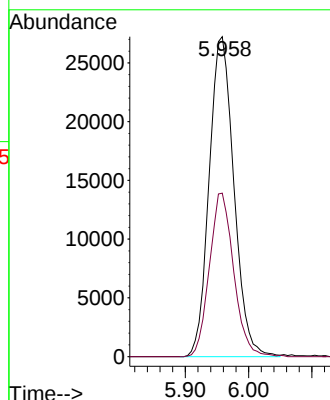
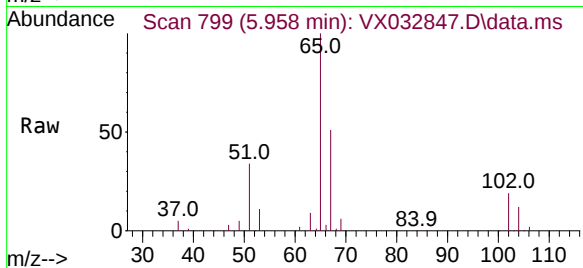
DUP111522

Tgt Ion: 65 Resp: 74057

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032847.D

Acq: 16 Nov 2022 05:48

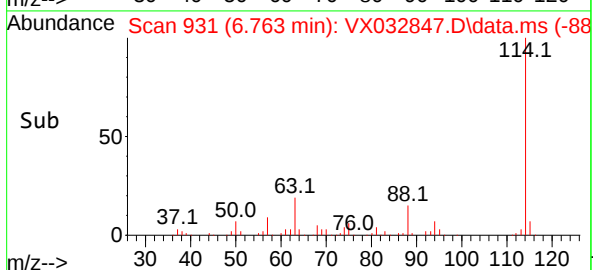
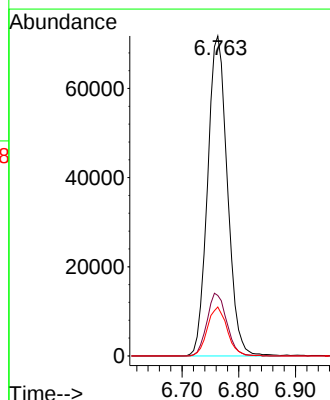
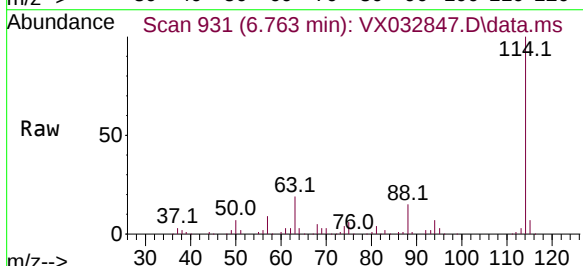
Tgt Ion: 114 Resp: 173888

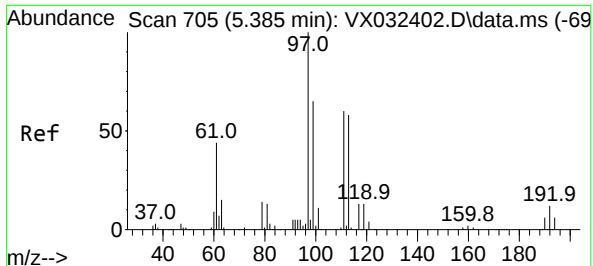
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.6

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.912 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032847.D

Acq: 16 Nov 2022 05:48

Instrument :

MSVOA_X

ClientSampleId :

DUP111522

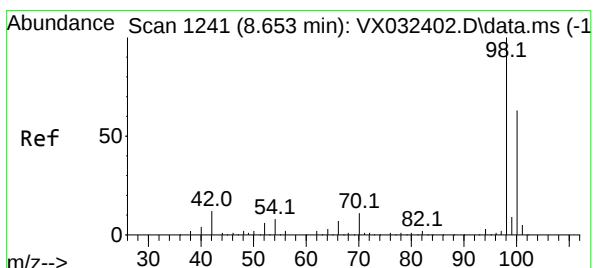
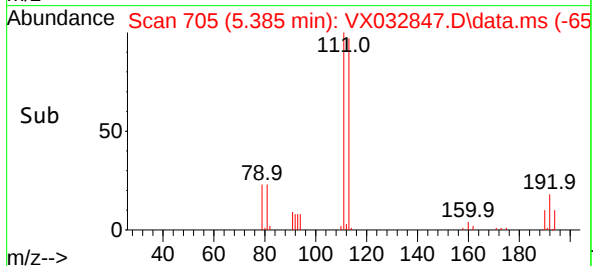
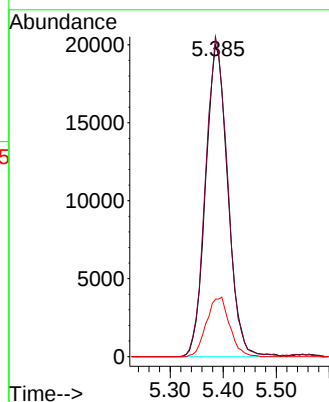
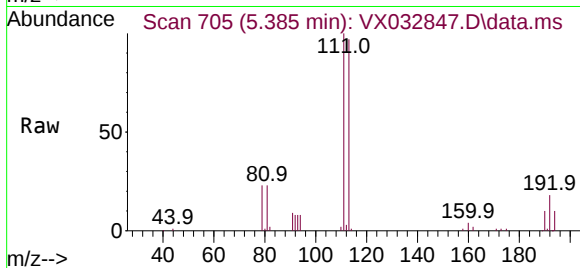
Tgt Ion:113 Resp: 58188

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 19.8 15.4 23.2



#50

Toluene-d8

Concen: 50.044 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032847.D

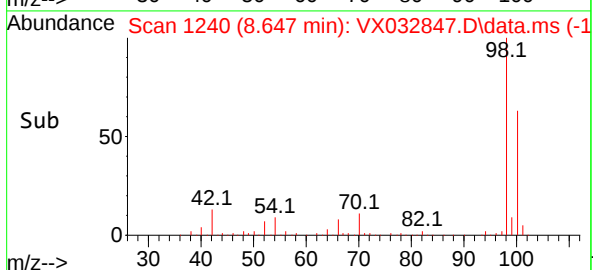
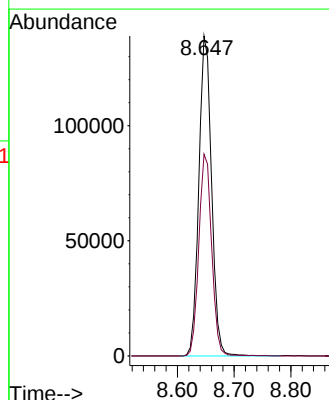
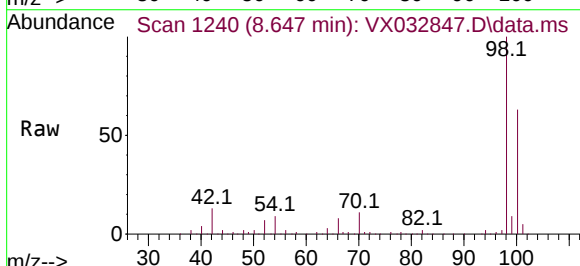
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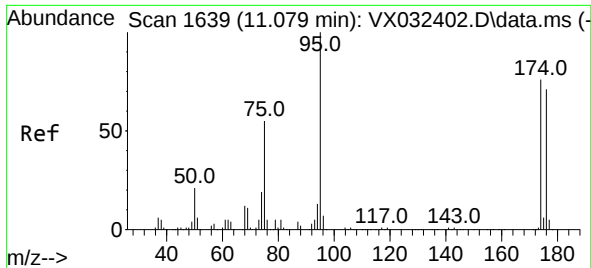
Tgt Ion: 98 Resp: 215842

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3

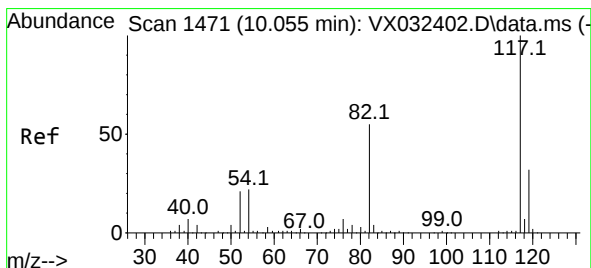
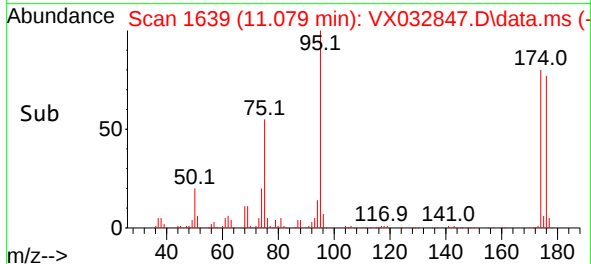
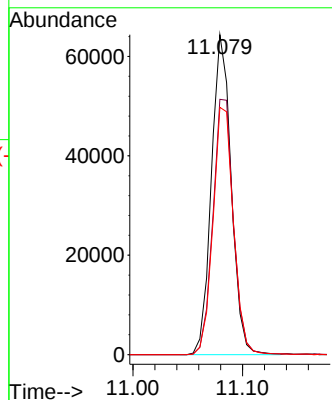
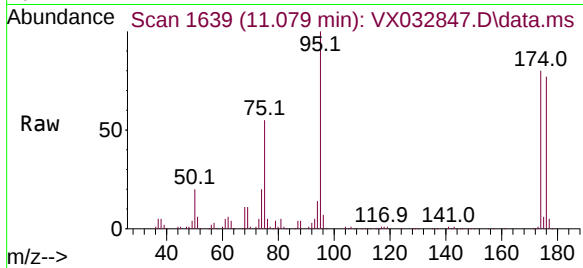




#62
4-Bromofluorobenzene
Concen: 47.885 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

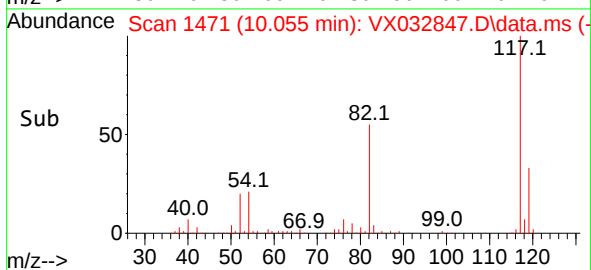
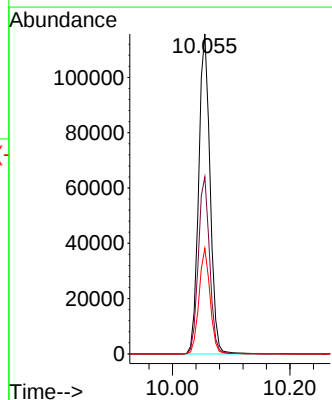
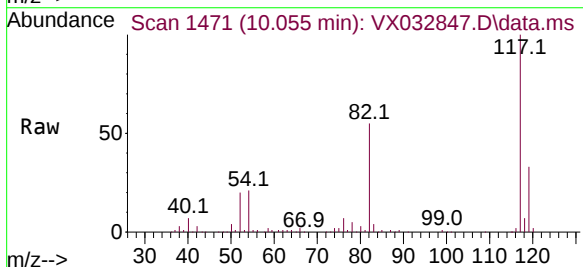
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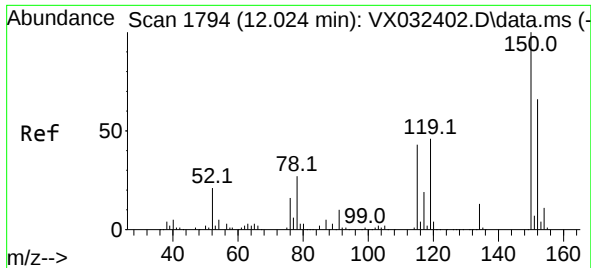
Tgt Ion: 95 Resp: 80675
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.0
176 80.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032847.D
Acq: 16 Nov 2022 05:48

Tgt Ion: 117 Resp: 155679
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 33.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX032847.D

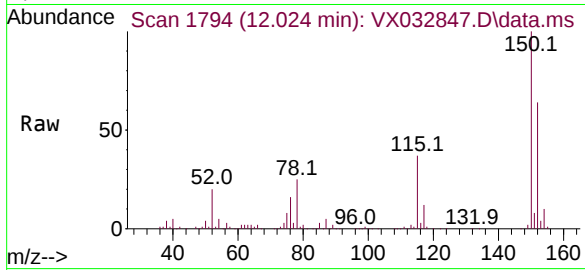
Acq: 16 Nov 2022 05:48

Instrument :

MSVOA_X

ClientSampleId :

DUP111522



Tgt Ion:152 Resp: 70643

Ion Ratio Lower Upper

152 100

115 59.7 44.0 132.0

150 157.1 0.0 351.8

