

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026821.D
 Acq On : 08 Feb 2022 14:51
 Operator : JC/MD
 Sample : N1405-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 143-144

Quant Time: Feb 09 03:03:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

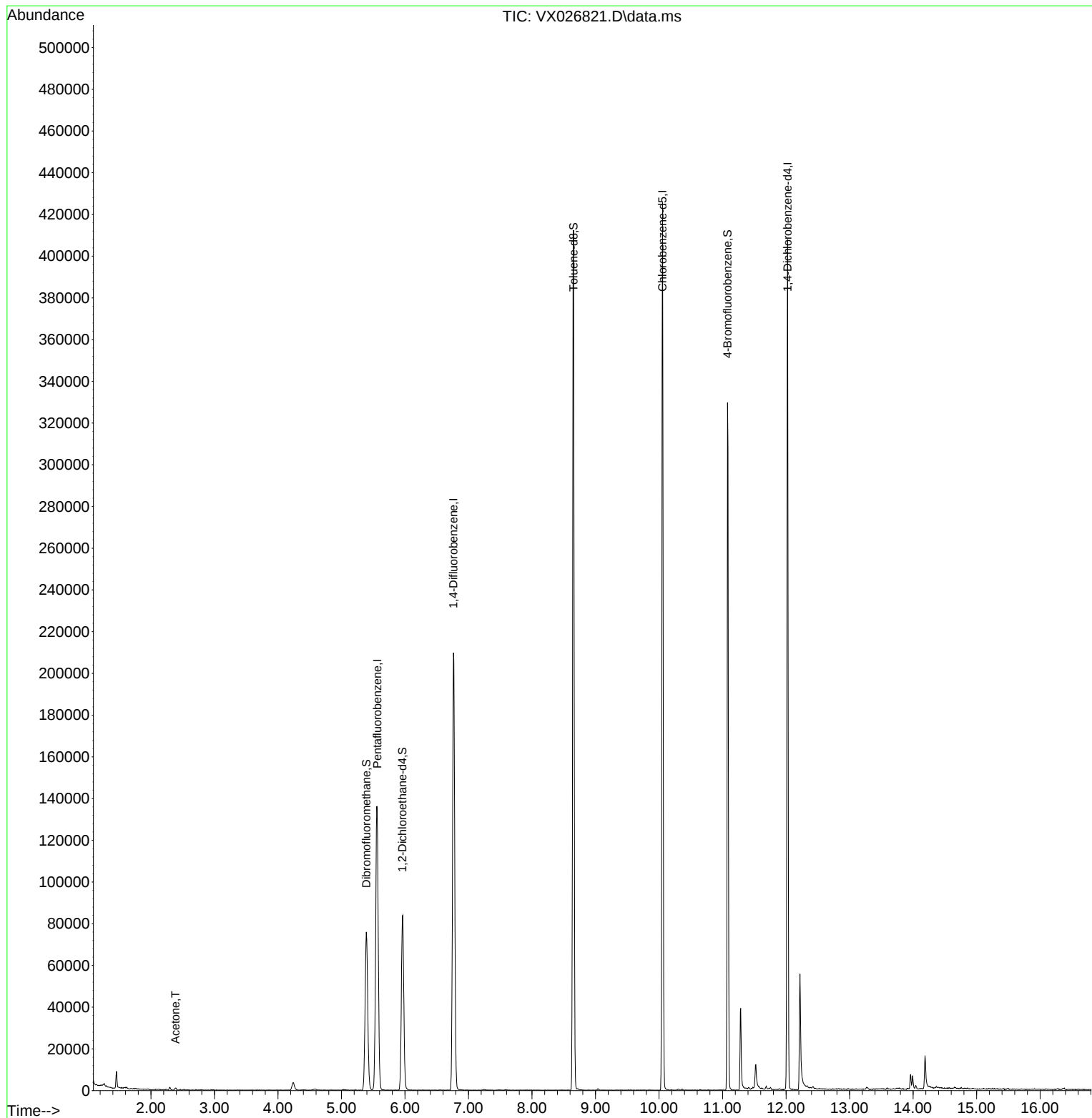
Internal Standards						
1) Pentafluorobenzene	5.562	168	131397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217935	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81873	51.907	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.820%	
35) Dibromofluoromethane	5.391	113	67472	51.965	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.940%	
50) Toluene-d8	8.653	98	250230	52.502	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.000%	
62) 4-Bromofluorobenzene	11.079	95	90779	54.100	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.200%	
Target Compounds						
16) Acetone	2.386	43	1230	1.776	ug/l	90

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

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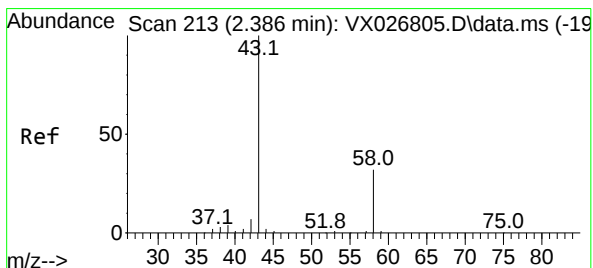
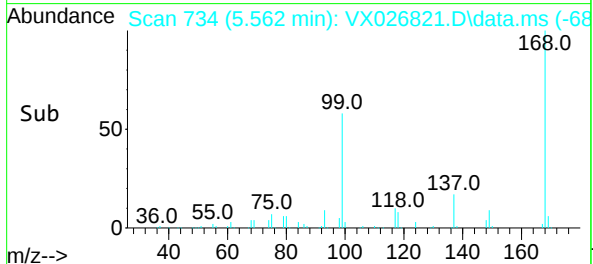
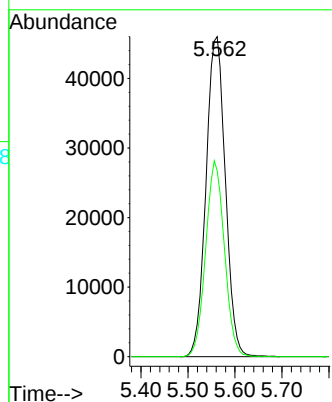
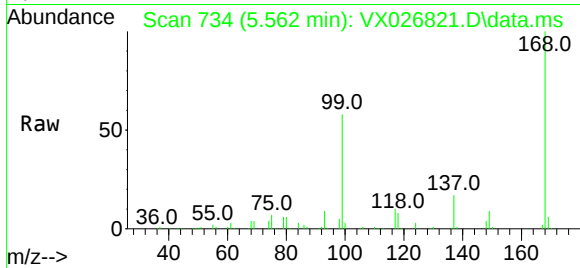




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026821.D
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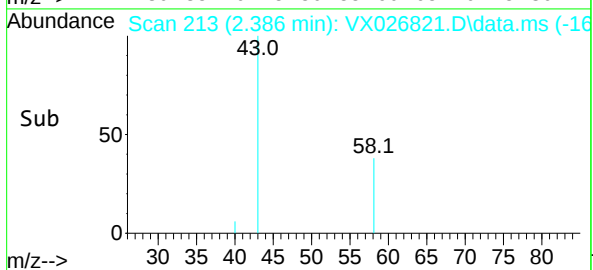
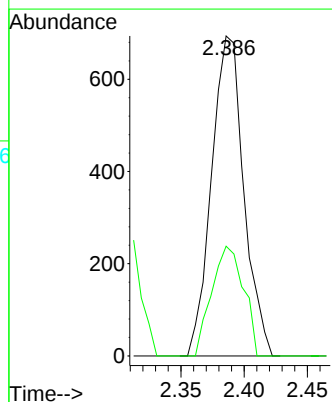
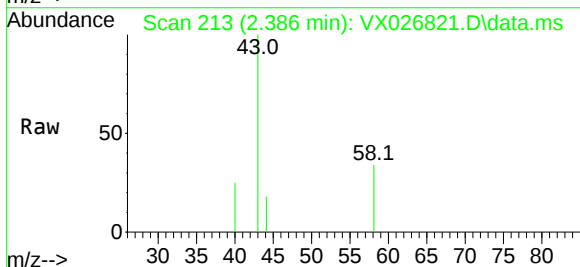
Instrument :
MSVOA_X
ClientSampleId :
143-144

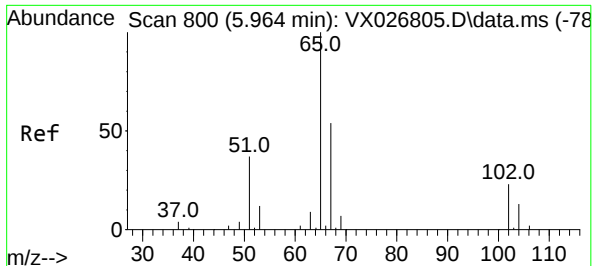
Tgt Ion:168 Resp: 131397
Ion Ratio Lower Upper
168 100
99 58.1 50.3 75.5



#16
Acetone
Concen: 1.776 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

Tgt Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
58 34.3 23.0 34.6





#33

1,2-Dichloroethane-d4

Concen: 51.907 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026821.D

Acq: 08 Feb 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

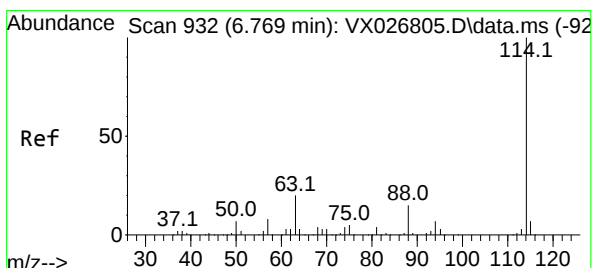
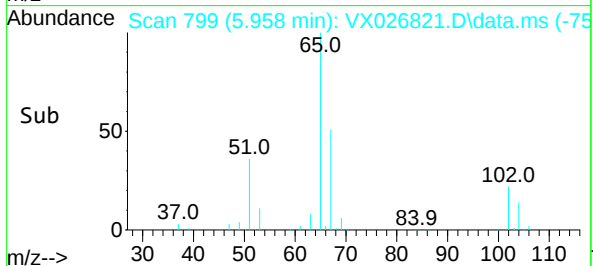
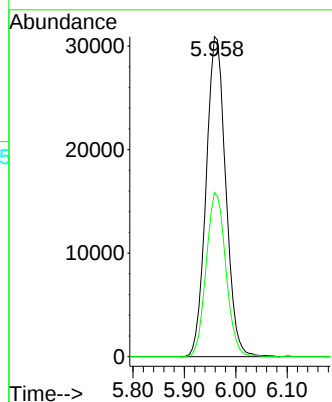
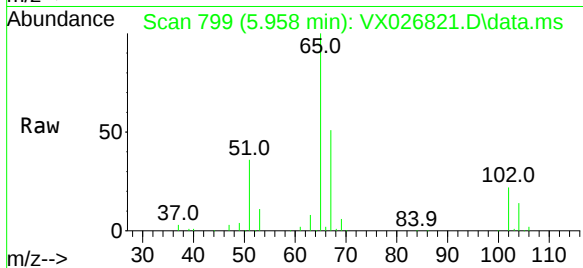
143-144

Tgt Ion: 65 Resp: 81873

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026821.D

Acq: 08 Feb 2022 14:51

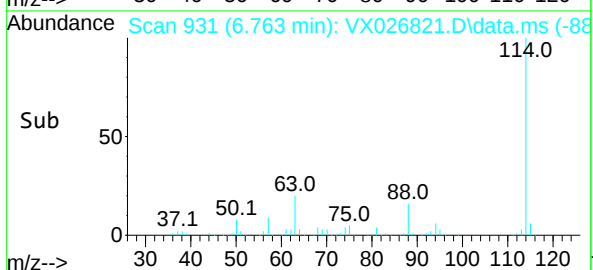
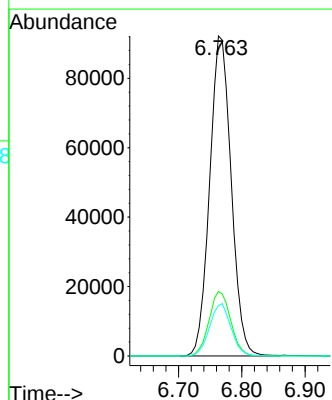
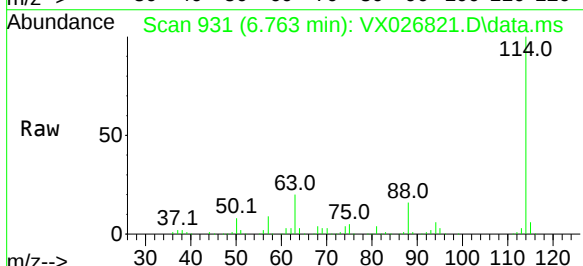
Tgt Ion: 114 Resp: 217935

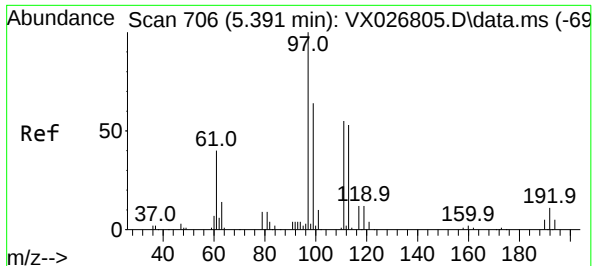
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.965 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026821.D

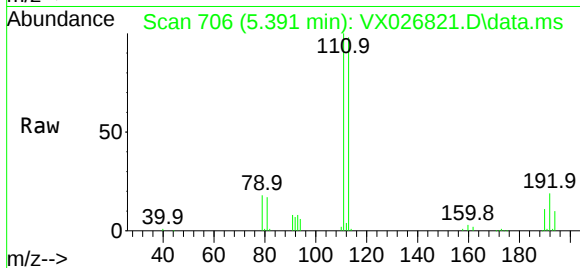
Acq: 08 Feb 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

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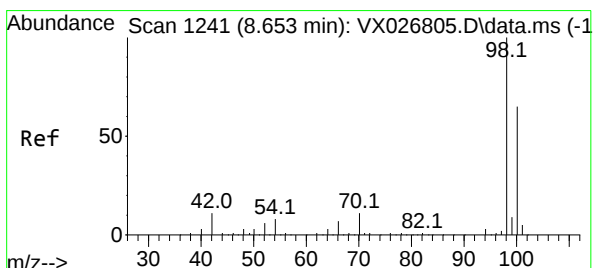
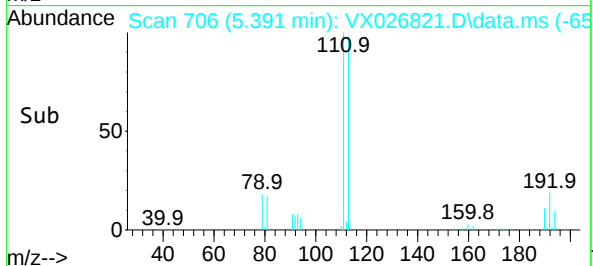
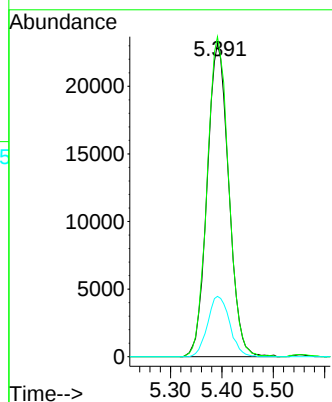
Tgt Ion:113 Resp: 67472

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

192 19.7 15.0 22.4



#50

Toluene-d8

Concen: 52.502 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026821.D

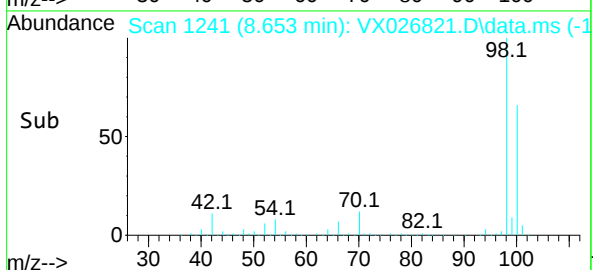
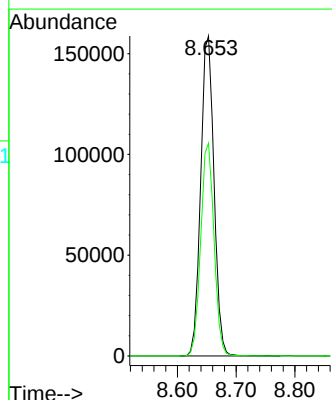
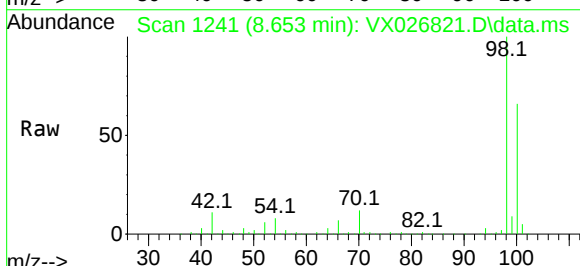
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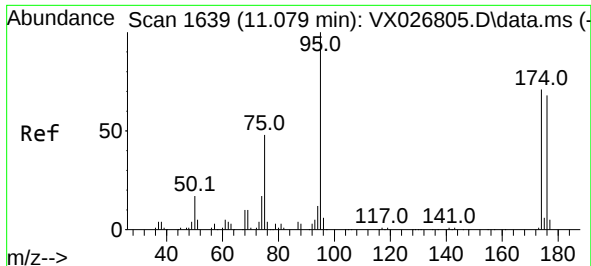
Tgt Ion: 98 Resp: 250230

Ion Ratio Lower Upper

98 100

100 66.4 53.2 79.8

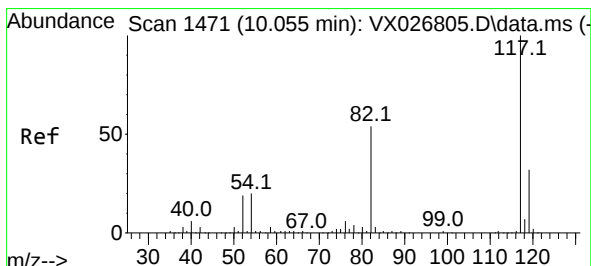
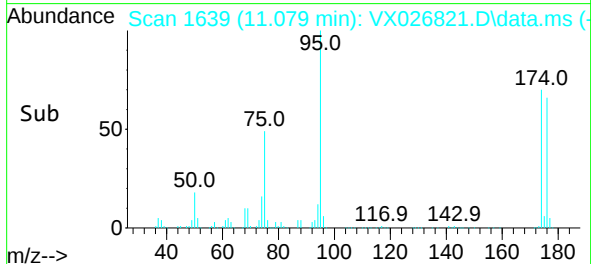
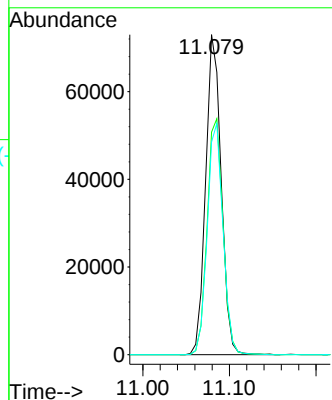
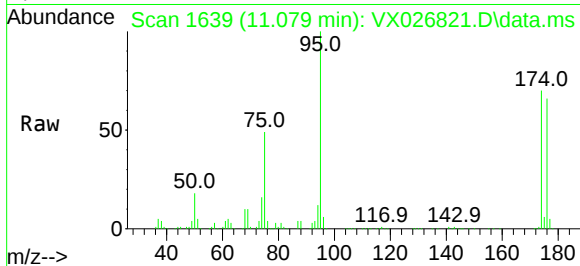




#62
4-Bromofluorobenzene
Concen: 54.100 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

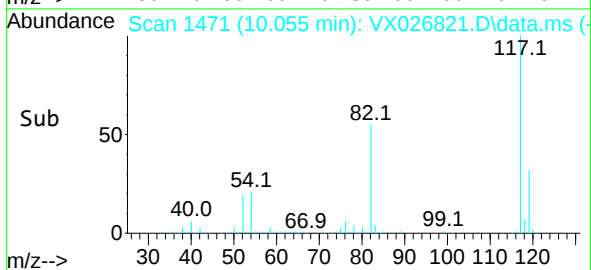
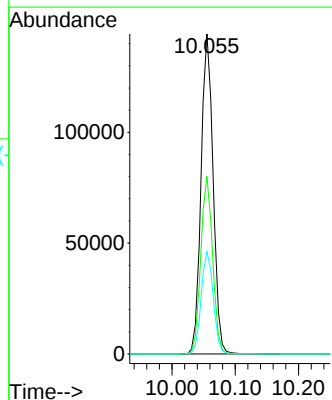
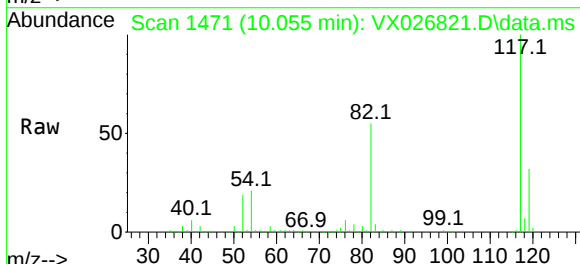
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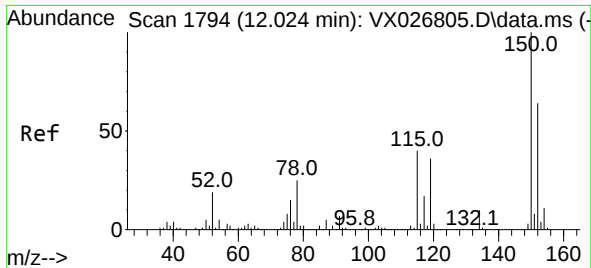
Tgt Ion: 95 Resp: 90779
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.6
176 73.3 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026821.D
Acq: 08 Feb 2022 14:51

Tgt Ion: 117 Resp: 191743
Ion Ratio Lower Upper
117 100
82 55.5 45.2 67.8
119 32.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026821.D

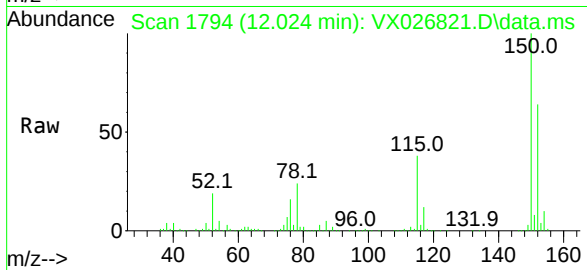
Acq: 08 Feb 2022 14:51

Instrument :

MSVOA_X

ClientSampleId :

143-144



Tgt Ion:152 Resp: 85090

Ion Ratio Lower Upper

152 100

115 60.5 44.2 132.6

150 157.6 0.0 348.2

