

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030157.D
 Acq On : 21 Jul 2022 12:58
 Operator : JC/MD
 Sample : VX0721WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBL02

Quant Time: Jul 21 15:52:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	178071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	324191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115100	53.104	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.200%	
35) Dibromofluoromethane	5.391	113	99183	47.890	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.780%	
50) Toluene-d8	8.653	98	374367	48.063	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.120%	
62) 4-Bromofluorobenzene	11.085	95	121323	44.884	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.760%	

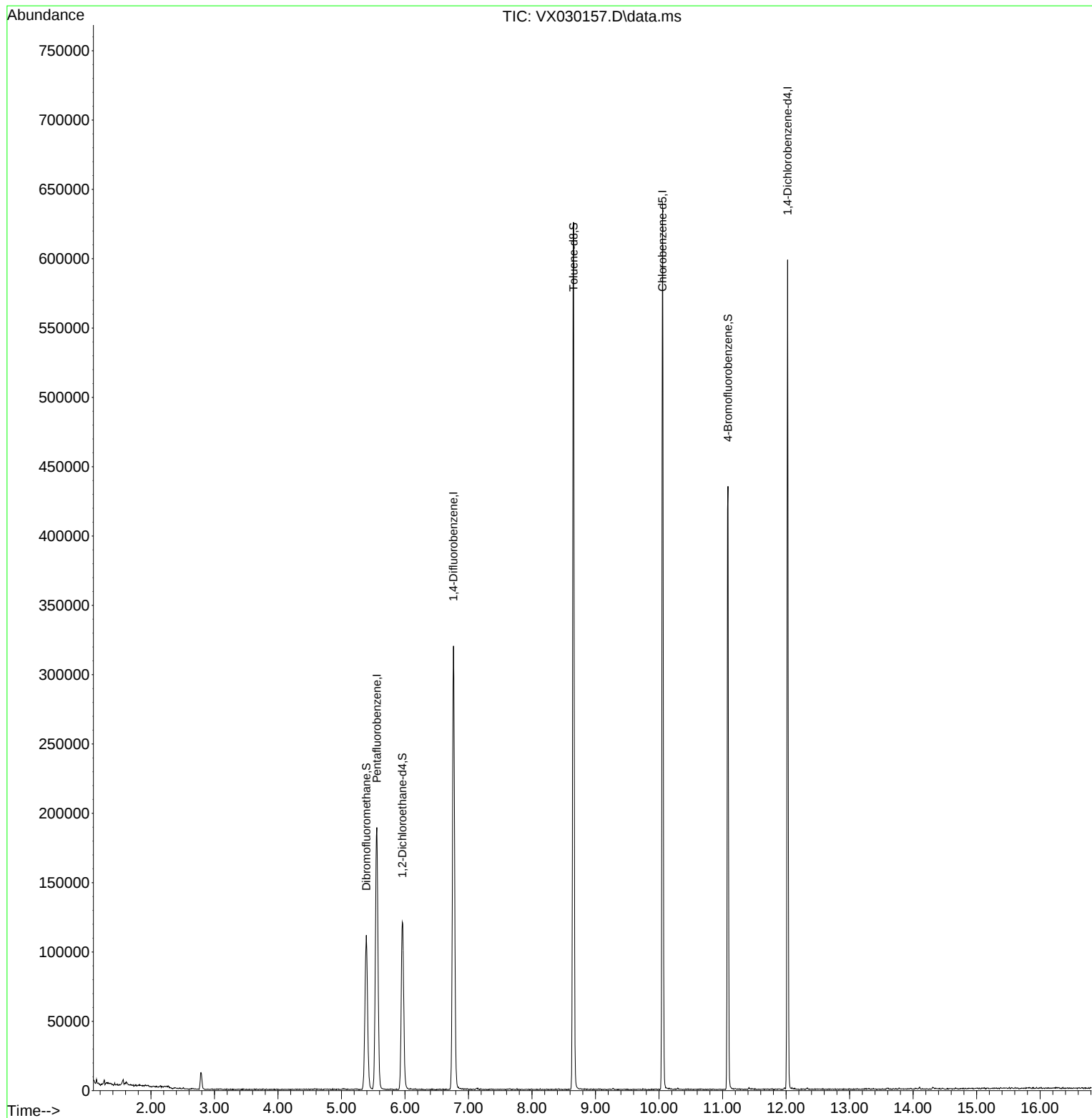
Target Compounds	Qvalue

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

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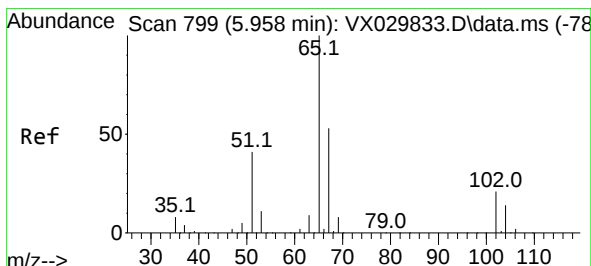
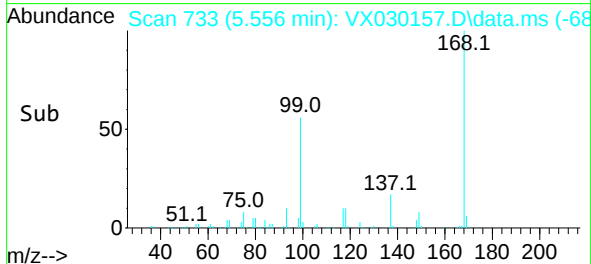
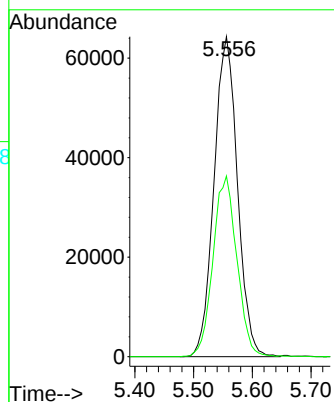
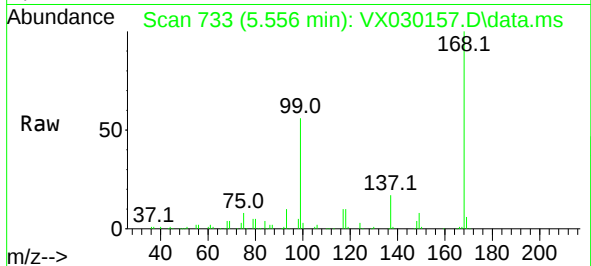




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

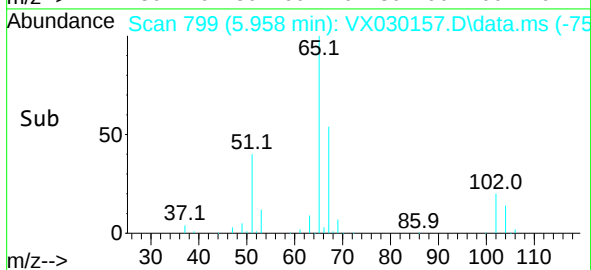
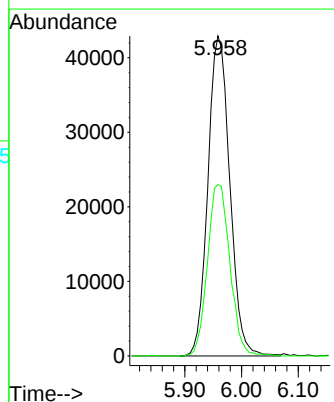
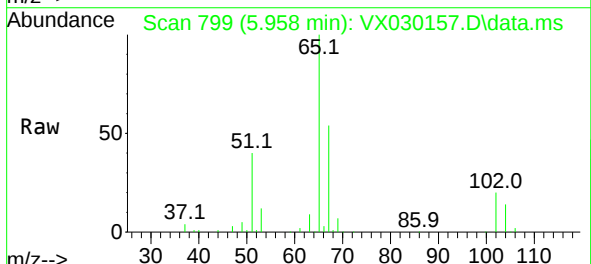
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL02

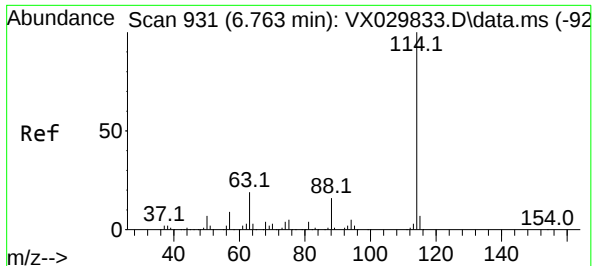
Tgt Ion:168 Resp: 178071
Ion Ratio Lower Upper
168 100
99 56.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 53.104 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

Tgt Ion: 65 Resp: 115100
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6

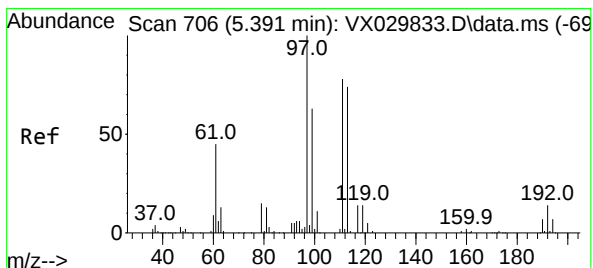
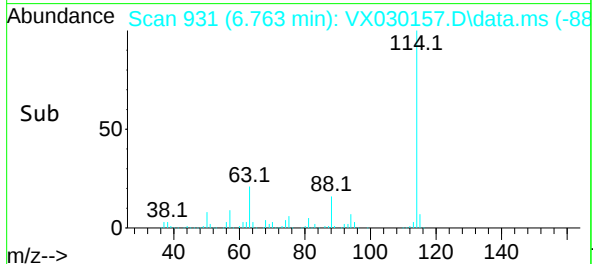
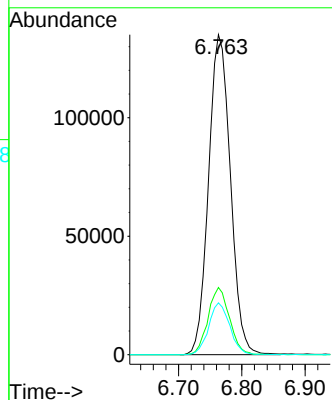
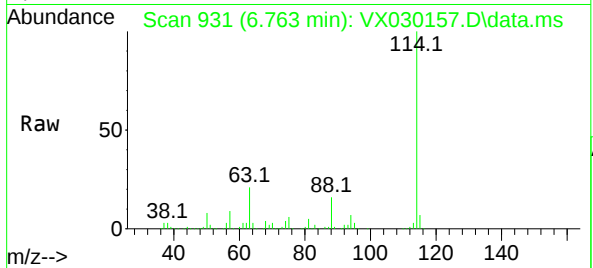




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

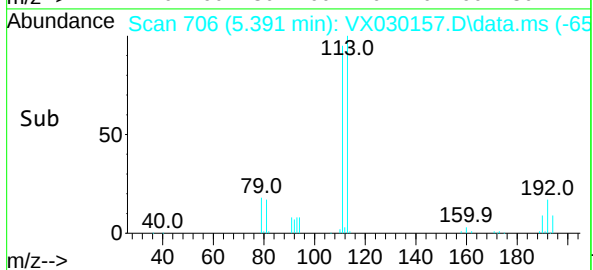
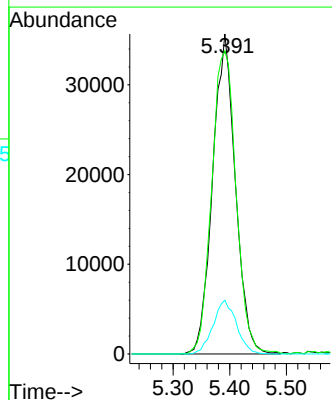
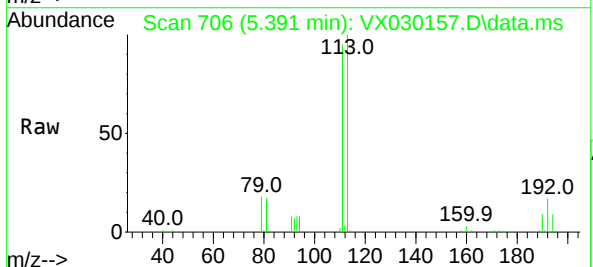
Instrument :
MSVOA_X
ClientSampleId :
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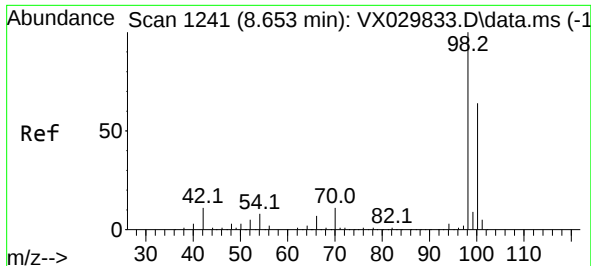
Tgt Ion:114 Resp: 324191
Ion Ratio Lower Upper
114 100
63 21.0 0.0 38.4
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.890 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

Tgt Ion:113 Resp: 99183
Ion Ratio Lower Upper
113 100
111 101.7 83.2 124.8
192 17.2 14.8 22.2

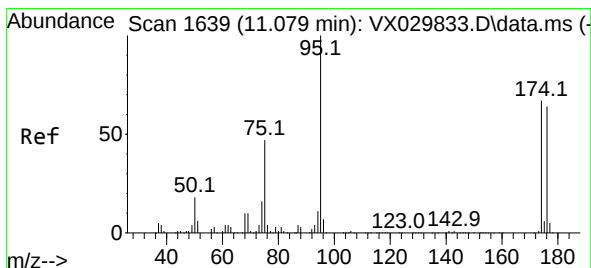
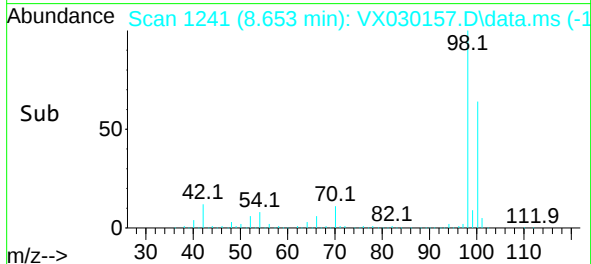
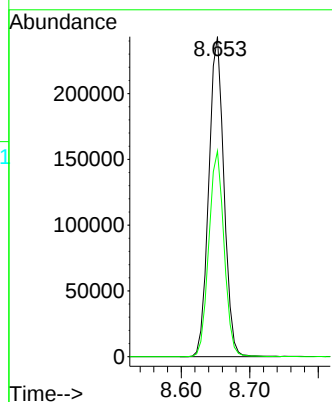
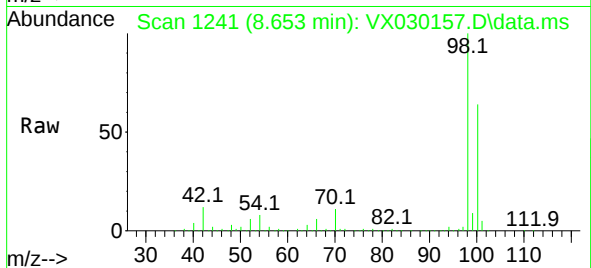




#50
Toluene-d8
Concen: 48.063 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

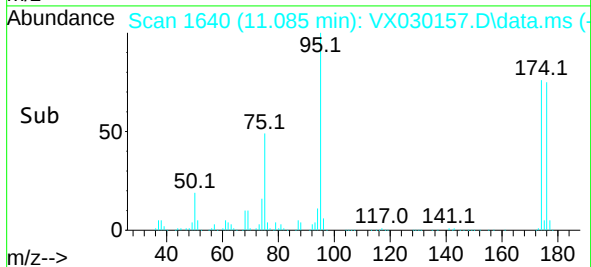
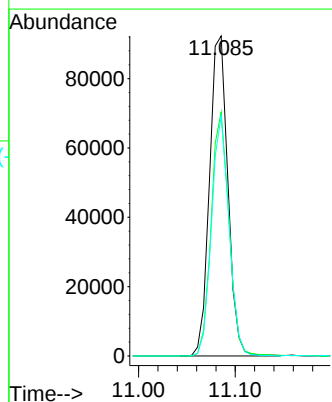
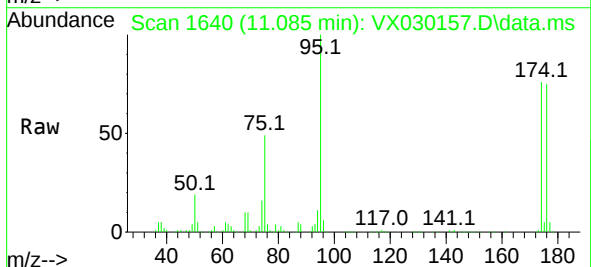
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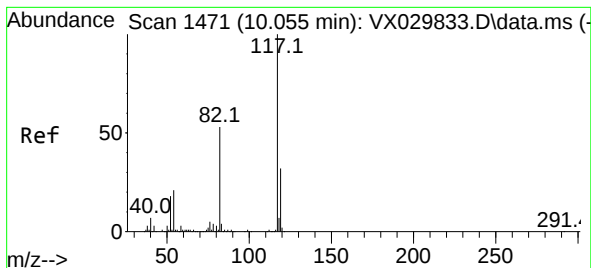
Tgt Ion: 98 Resp: 374367
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.884 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030157.D
Acq: 21 Jul 2022 12:58

Tgt Ion: 95 Resp: 121323
Ion Ratio Lower Upper
95 100
174 74.0 0.0 149.0
176 71.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030157.D

Acq: 21 Jul 2022 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBL02

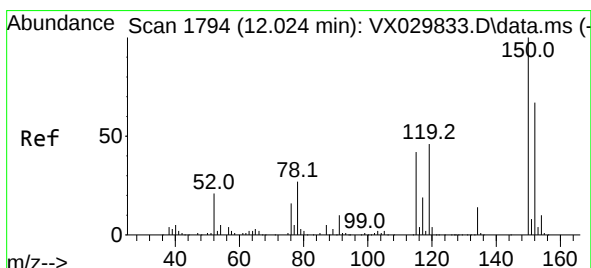
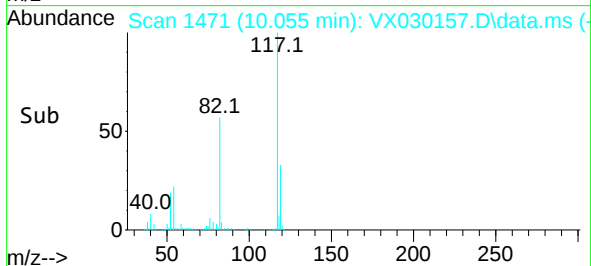
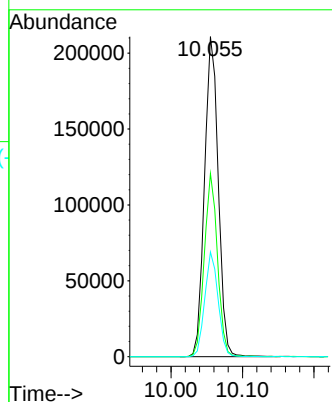
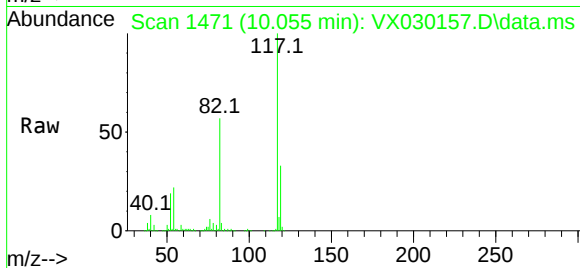
Tgt Ion:117 Resp: 282149

Ion Ratio Lower Upper

117 100

82 57.3 42.7 64.1

119 32.7 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030157.D

Acq: 21 Jul 2022 12:58

Tgt Ion:152 Resp: 115072

Ion Ratio Lower Upper

152 100

115 61.6 40.5 121.5

150 156.3 0.0 347.0

