

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100124\
 Data File : VX043213.D
 Acq On : 01 Oct 2024 13:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 02 04:27:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 04:21:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	85958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60367	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72453	48.969	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.940%
35) Dibromofluoromethane	5.385	113	54362	47.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.647	98	197589	51.169	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.340%
62) 4-Bromofluorobenzene	11.079	95	71052	50.648	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.300%

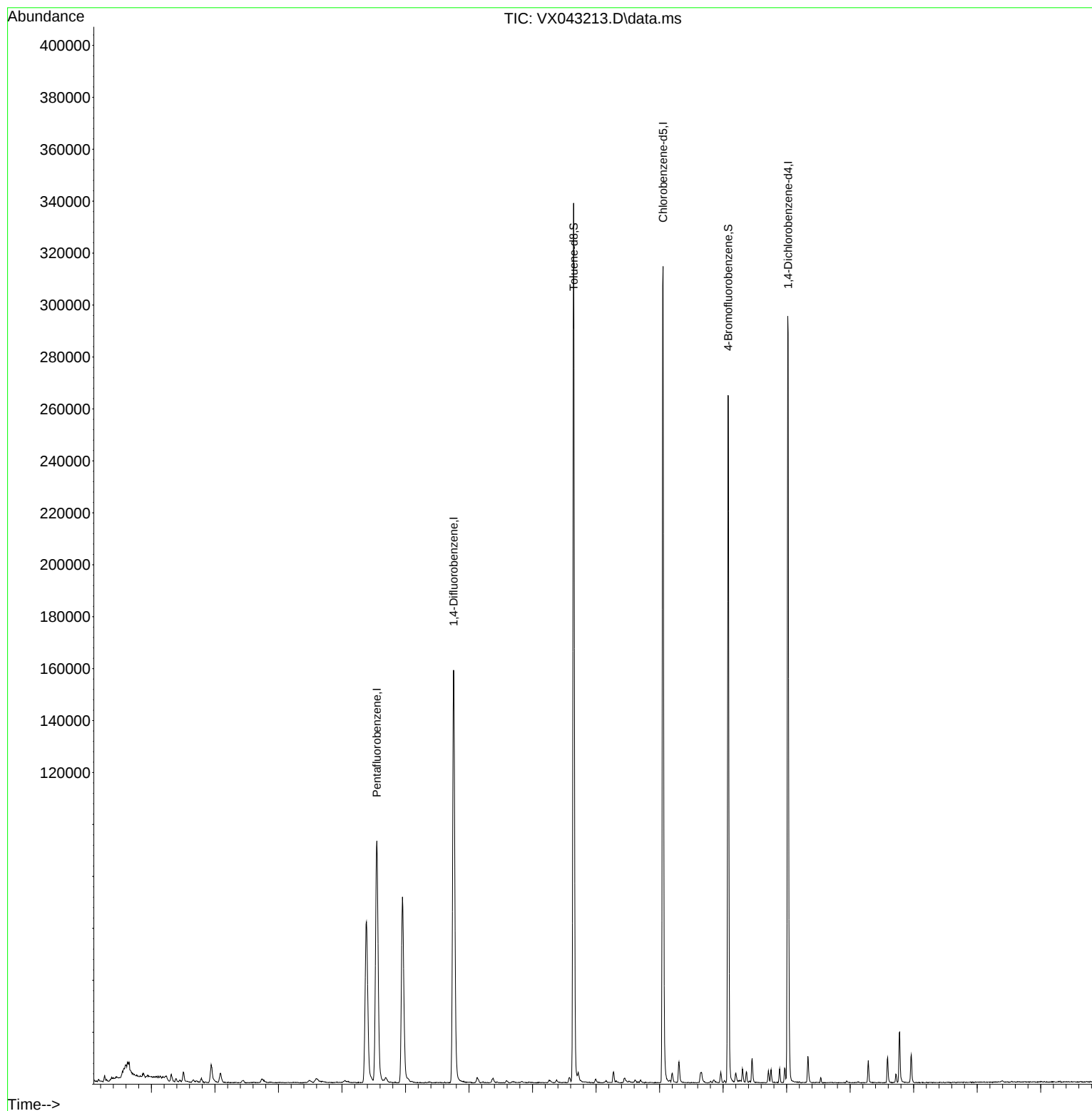
Target Compounds	Qvalue

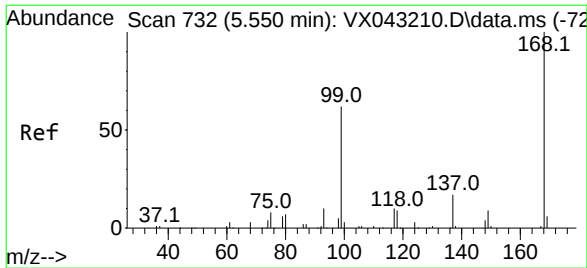
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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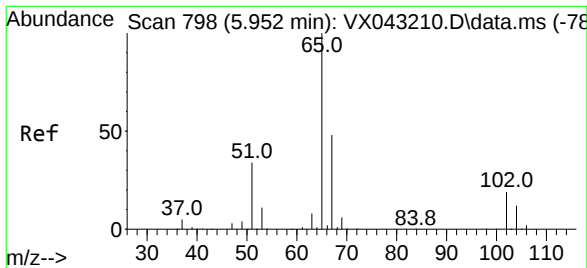
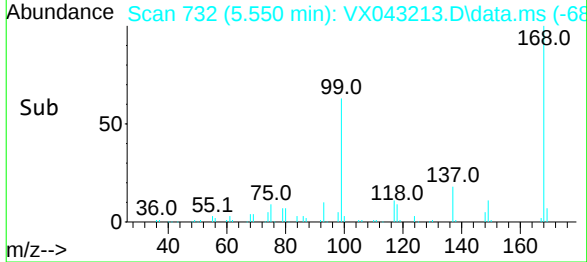
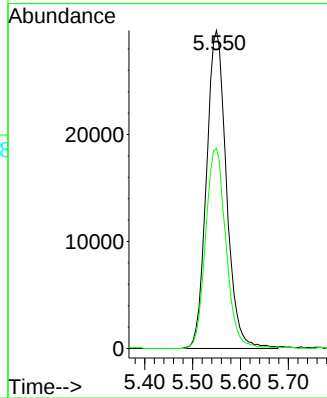
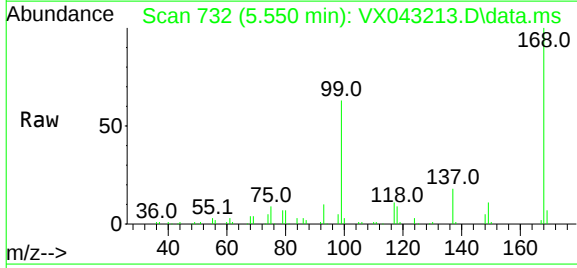




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043213.D
Acq: 01 Oct 2024 13:55

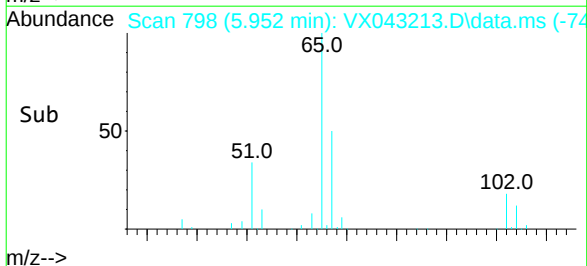
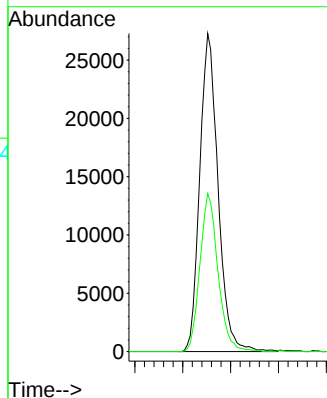
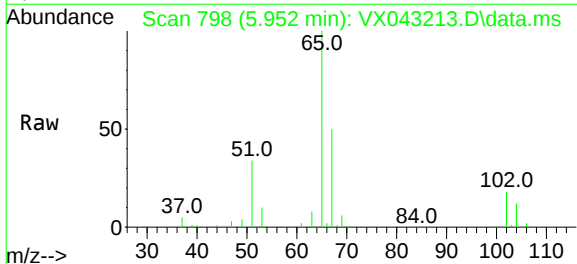
Instrument :
MSVOA_X
ClientSampleId :
IBLK

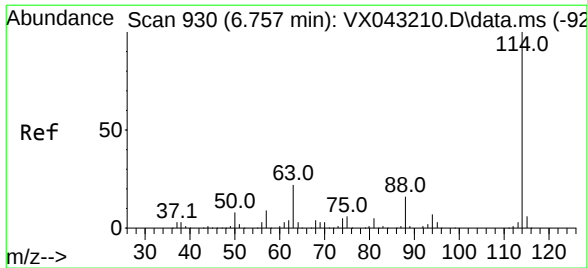
Tgt Ion:168 Resp: 85958
Ion Ratio Lower Upper
168 100
99 63.0 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: 48.969 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043213.D
Acq: 01 Oct 2024 13:55

Tgt Ion: 65 Resp: 72453
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.0

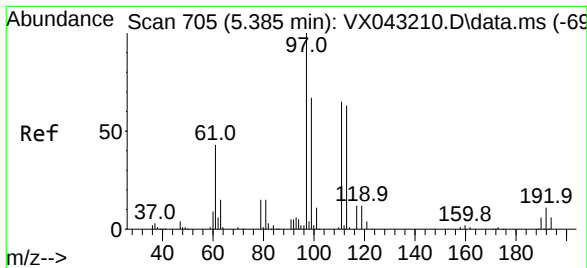
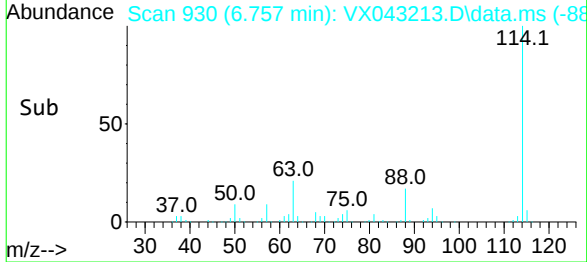
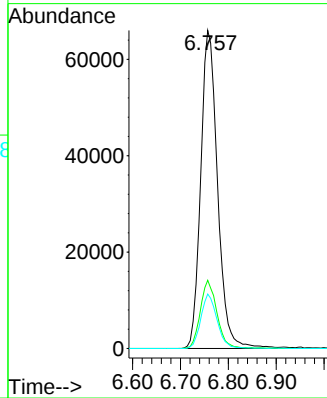
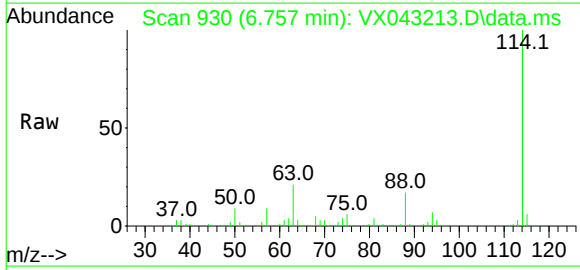




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043213.D
Acq: 01 Oct 2024 13:55

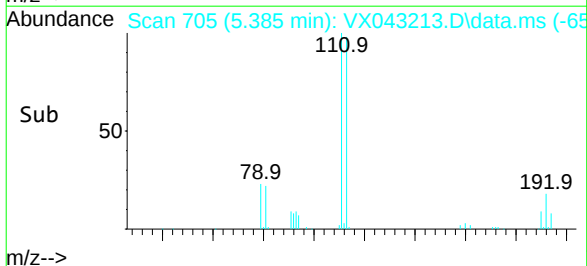
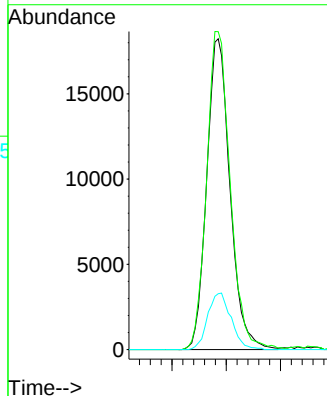
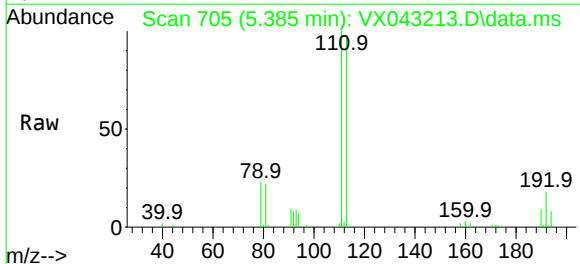
Instrument :
MSVOA_X
ClientSampleId :
IBLK

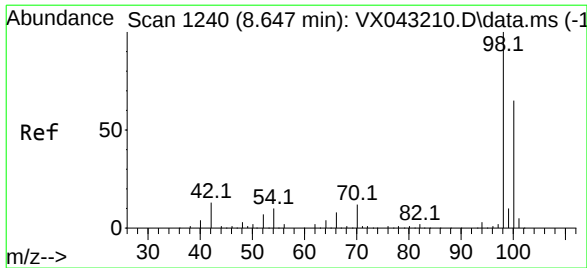
Tgt Ion:	114	Resp:	161575
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.0
88	17.1	0.0	33.0



#35
Dibromofluoromethane
Concen: 47.189 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043213.D
Acq: 01 Oct 2024 13:55

Tgt Ion:	113	Resp:	54362
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.0
192	18.3	14.1	21.1





#50

Toluene-d8

Concen: 51.169 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA_X

ClientSampleId :

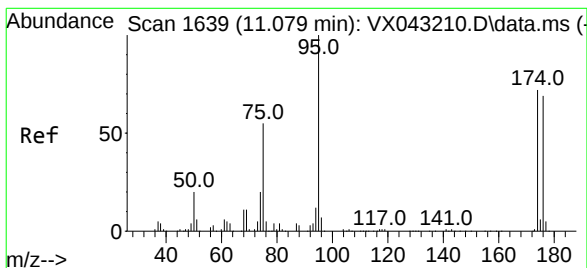
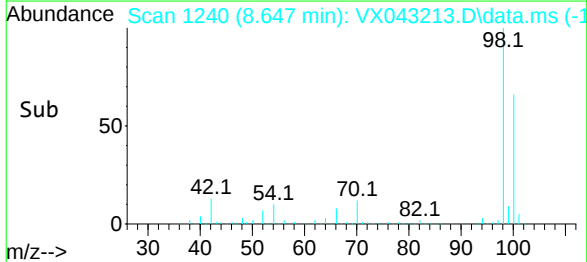
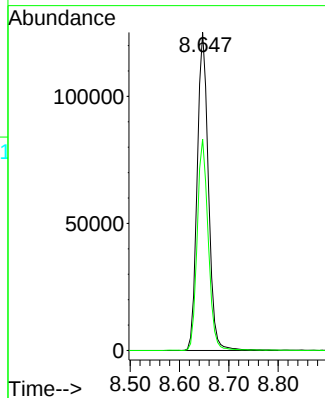
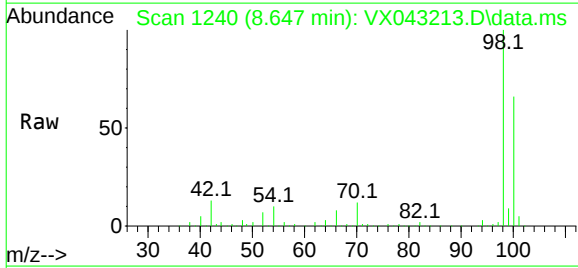
IBLK

Tgt Ion: 98 Resp: 197589

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 50.648 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

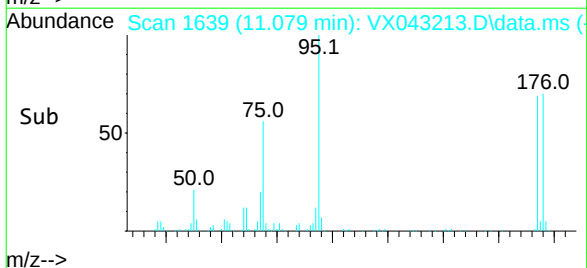
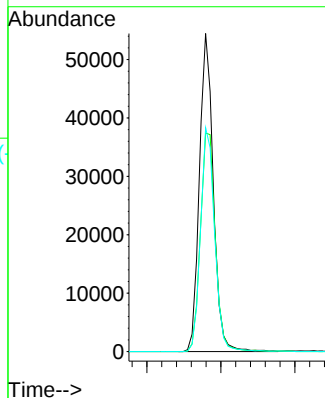
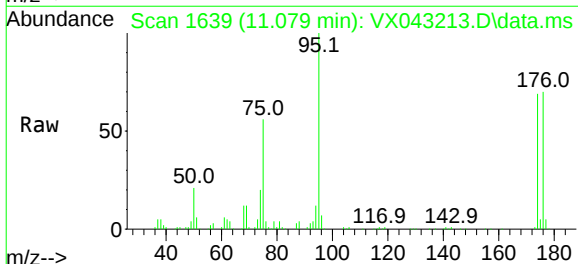
Tgt Ion: 95 Resp: 71052

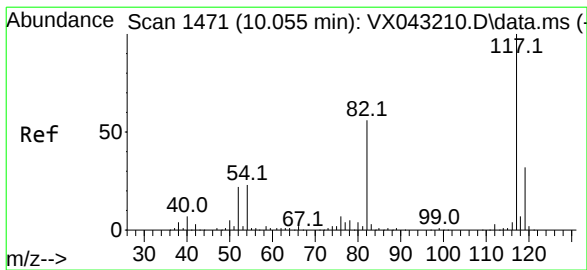
Ion Ratio Lower Upper

95 100

174 73.4 0.0 145.0

176 71.4 0.0 143.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Instrument :

MSVOA_X

ClientSampleId :

IBLK

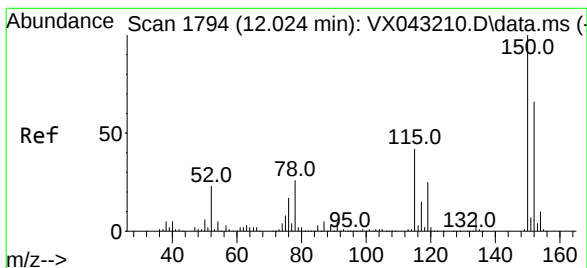
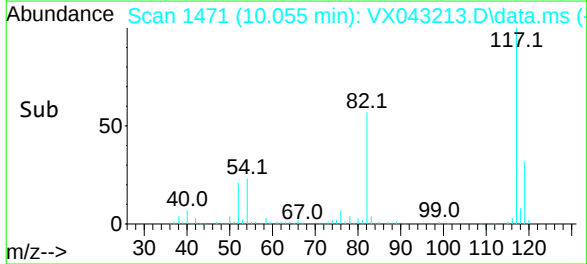
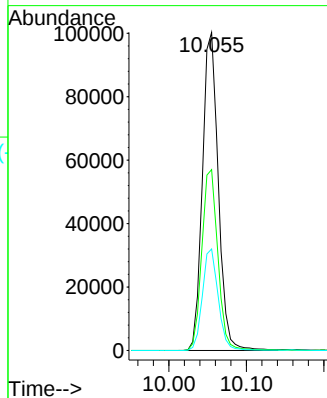
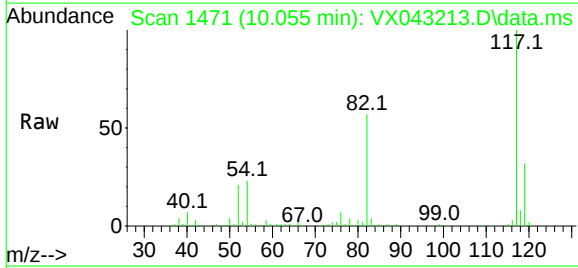
Tgt Ion:117 Resp: 142883

Ion Ratio Lower Upper

117 100

82 56.9 45.0 67.6

119 31.9 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043213.D

Acq: 01 Oct 2024 13:55

Tgt Ion:152 Resp: 60367

Ion Ratio Lower Upper

152 100

115 64.6 44.1 132.3

150 159.7 0.0 347.4

