

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076830.D
 Acq On : 27 Jul 2023 13:19
 Operator : KP/SY
 Sample : 03769-12
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P30BRE

Quant Time: Jul 27 14:48:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

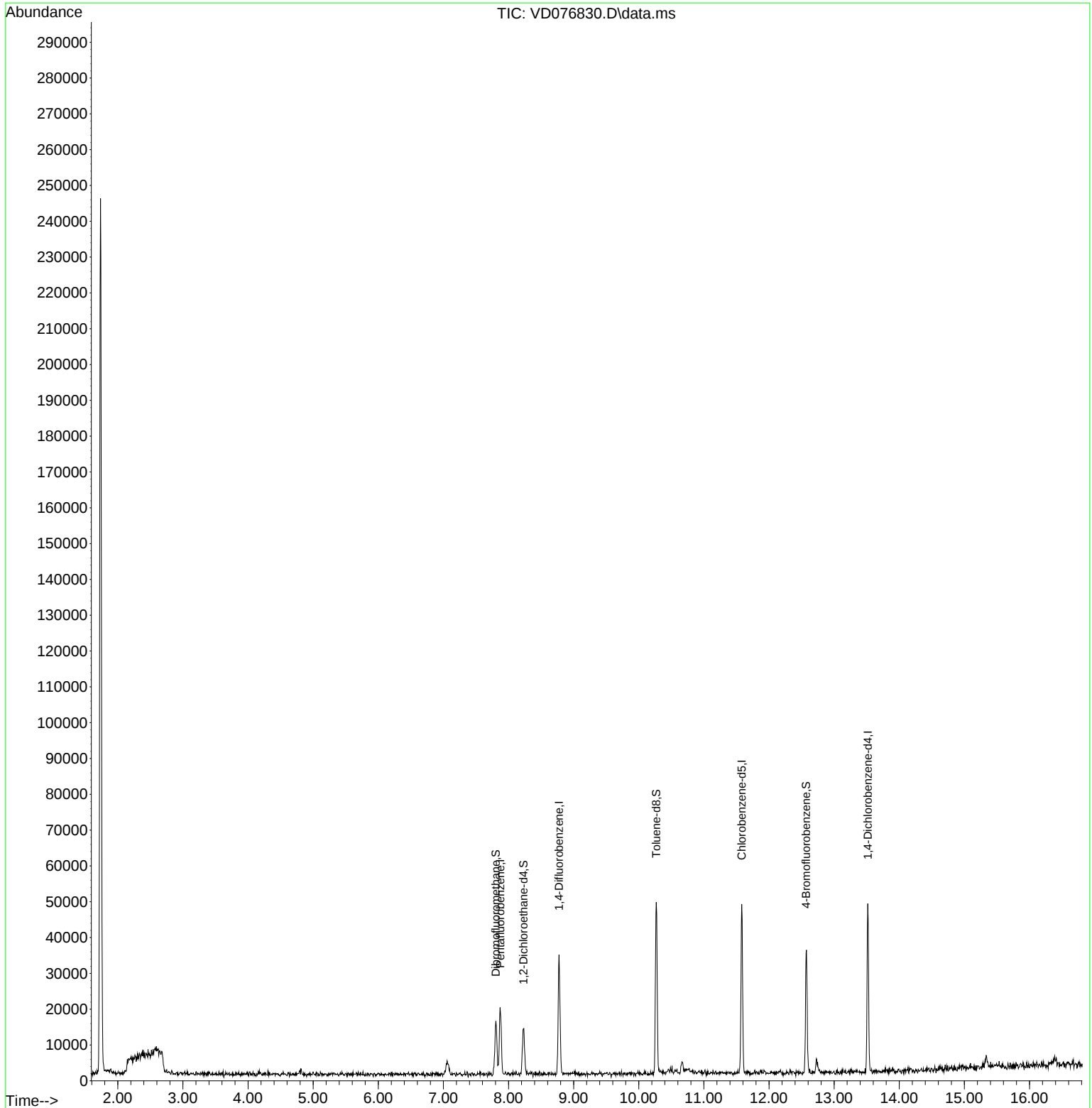
Internal Standards						
1) Pentafluorobenzene	7.875	168	13910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	30136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	28829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	12316	50.000	ug/l	0.00

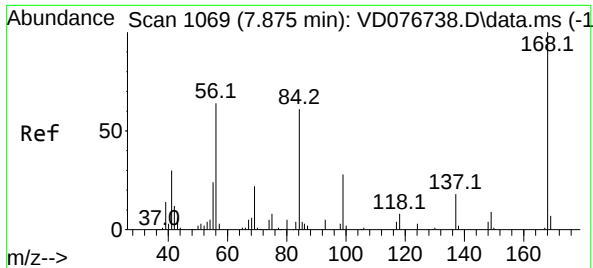
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	10811	78.031	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.060%
35) Dibromofluoromethane	7.805	113	10878	57.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.880%
50) Toluene-d8	10.269	98	36551	53.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.900%
62) 4-Bromofluorobenzene	12.569	95	11710	53.431	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.860%

Target Compounds	Qvalue

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

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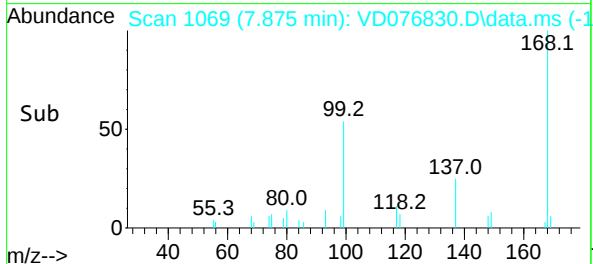
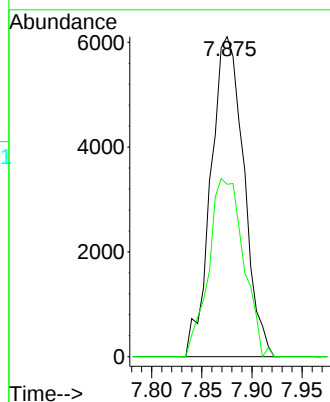
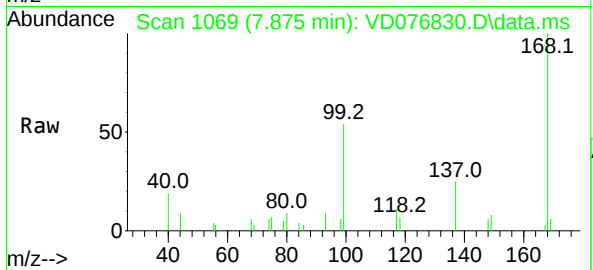




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076830.D
Acq: 27 Jul 2023 13:19

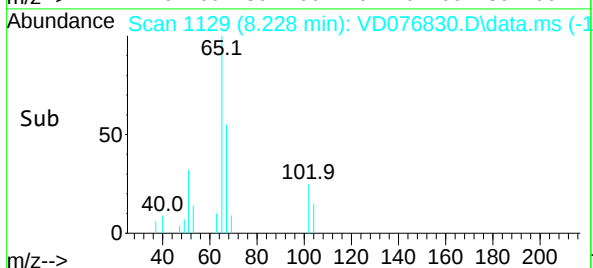
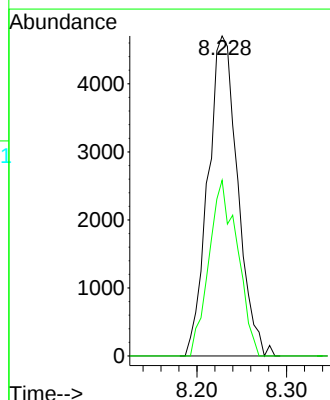
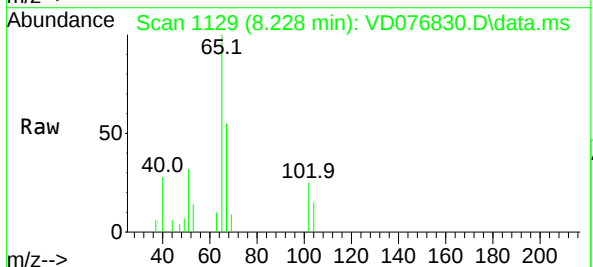
Instrument :
MSVOA_D
ClientSampleId :
B-P30BRE

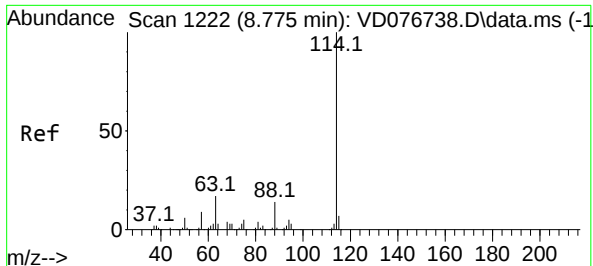
Tgt Ion:168 Resp: 13910
Ion Ratio Lower Upper
168 100
99 53.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 78.031 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076830.D
Acq: 27 Jul 2023 13:19

Tgt Ion: 65 Resp: 10811
Ion Ratio Lower Upper
65 100
67 52.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076830.D

Acq: 27 Jul 2023 13:19

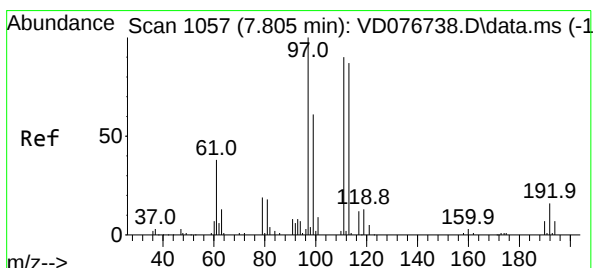
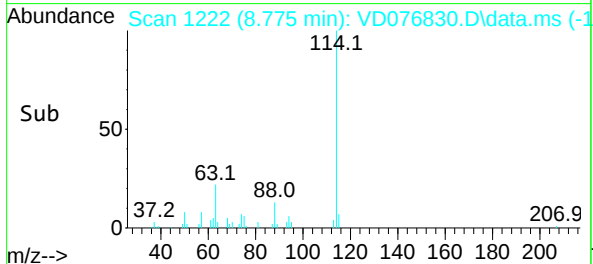
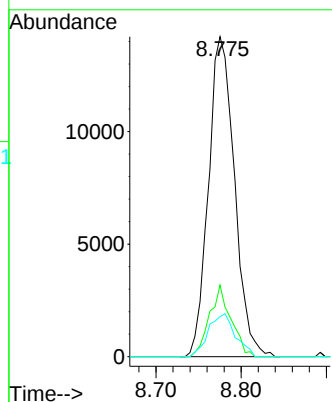
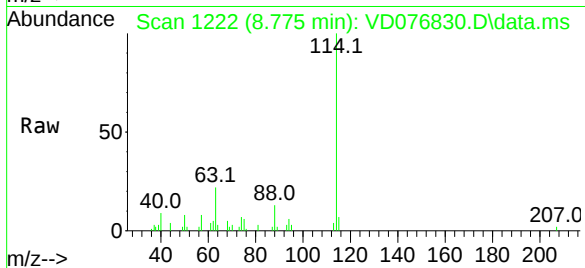
Instrument :

MSVOA_D

ClientSampleId :

B-P30BRE

Tgt Ion:	114	Resp:	30136
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	33.4
88	12.5	0.0	26.2



#35

Dibromofluoromethane

Concen: 57.441 ug/l

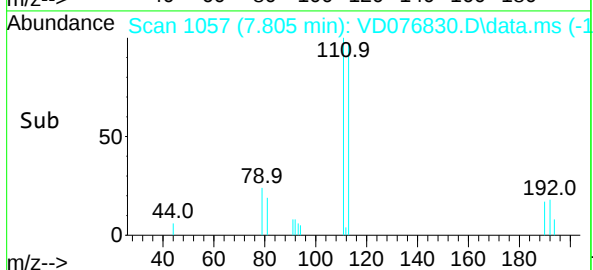
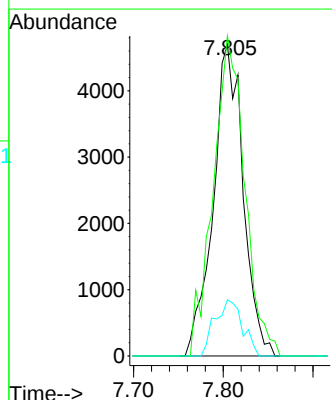
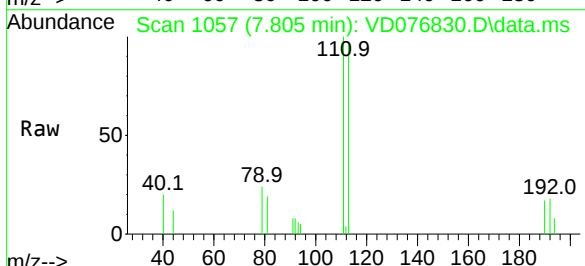
RT: 7.805 min Scan# 1057

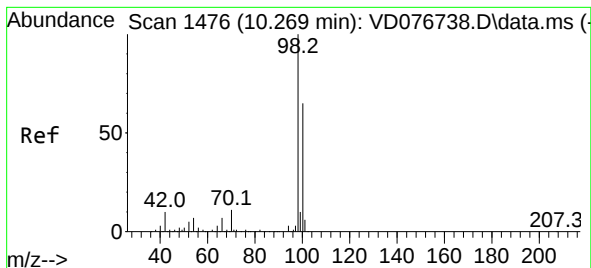
Delta R.T. -0.000 min

Lab File: VD076830.D

Acq: 27 Jul 2023 13:19

Tgt Ion:	113	Resp:	10878
Ion	Ratio	Lower	Upper
113	100		
111	108.5	84.7	127.1
192	16.6	16.8	25.2#

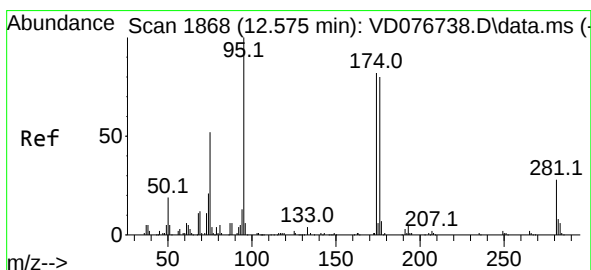
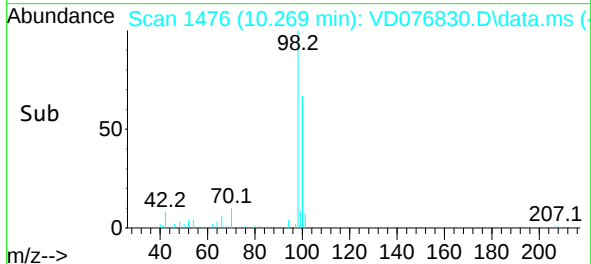
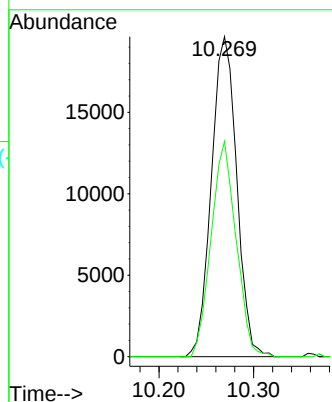
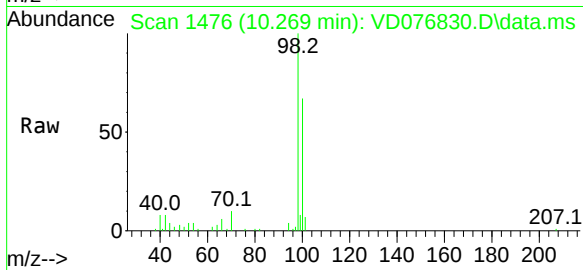




#50
Toluene-d8
Concen: 53.952 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076830.D
Acq: 27 Jul 2023 13:19

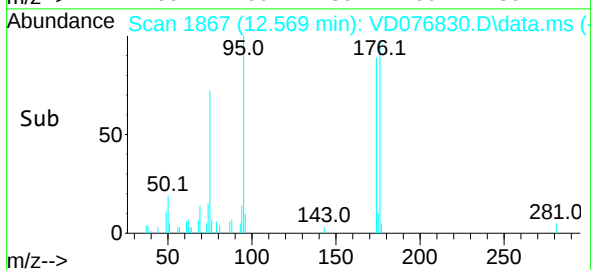
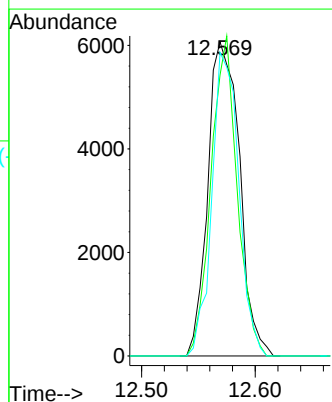
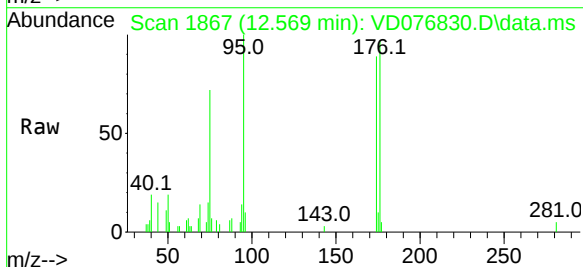
Instrument :
MSVOA_D
ClientSampleId :
B-P30BRE

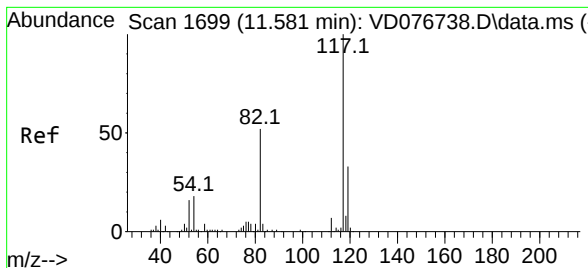
Tgt Ion: 98 Resp: 36551
Ion Ratio Lower Upper
98 100
100 66.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.431 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076830.D
Acq: 27 Jul 2023 13:19

Tgt Ion: 95 Resp: 11710
Ion Ratio Lower Upper
95 100
174 84.2 0.0 201.8
176 82.4 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076830.D

Acq: 27 Jul 2023 13:19

Instrument :

MSVOA_D

ClientSampleId :

B-P30BRE

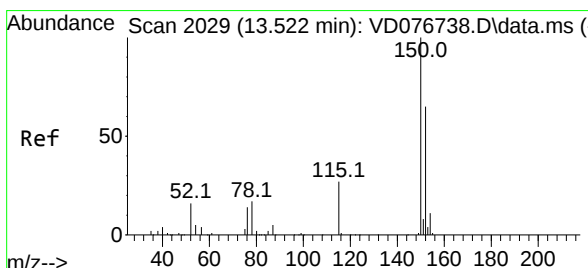
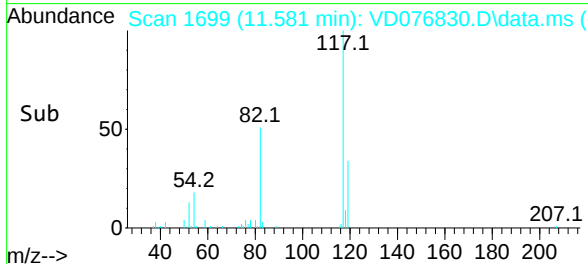
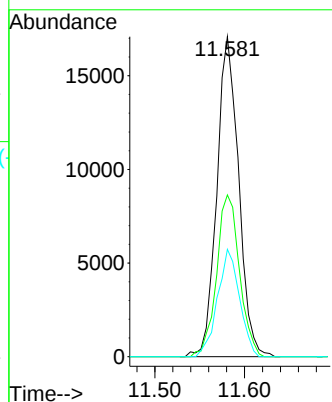
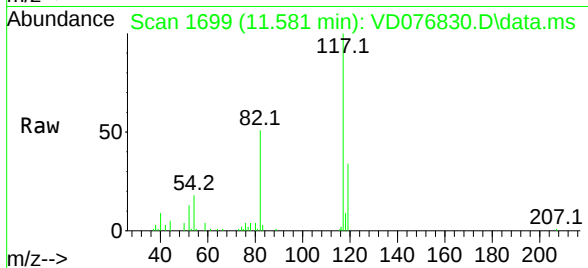
Tgt Ion:117 Resp: 28829

Ion Ratio Lower Upper

117 100

82 50.5 38.3 57.5

119 33.6 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD076830.D

Acq: 27 Jul 2023 13:19

Tgt Ion:152 Resp: 12316

Ion Ratio Lower Upper

152 100

115 59.5 27.1 81.3

150 167.5 0.0 353.6

