

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110222\
 Data File : VD074705.D
 Acq On : 02 Nov 2022 15:21
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Nov 03 02:32:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	152580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	260141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	204045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89642	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62329	51.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.160%
35) Dibromofluoromethane	7.804	113	77243	50.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.400%
50) Toluene-d8	10.269	98	258526	46.057	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.120%
62) 4-Bromofluorobenzene	12.575	95	75275	46.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.900%

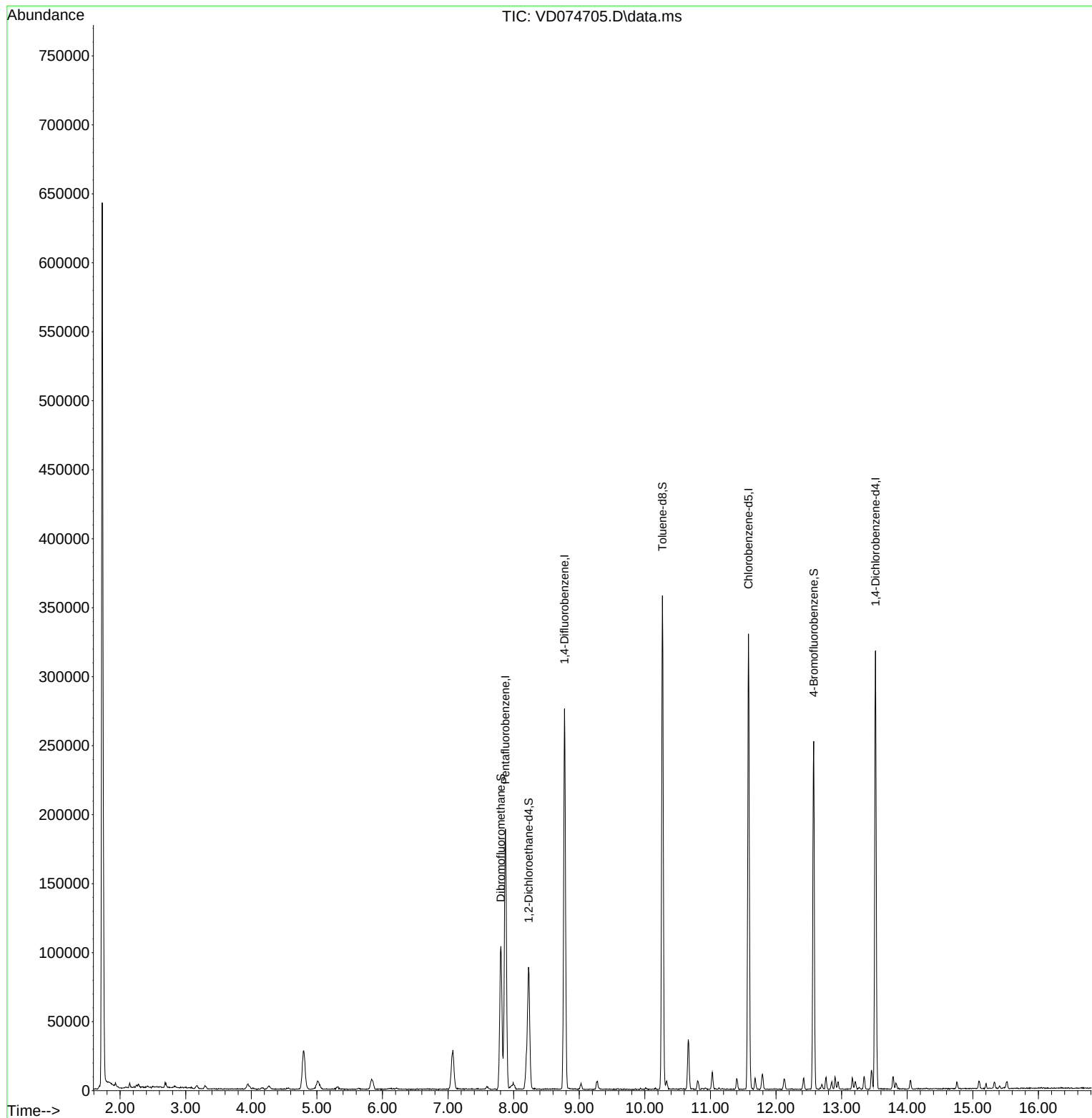
Target Compounds	Qvalue

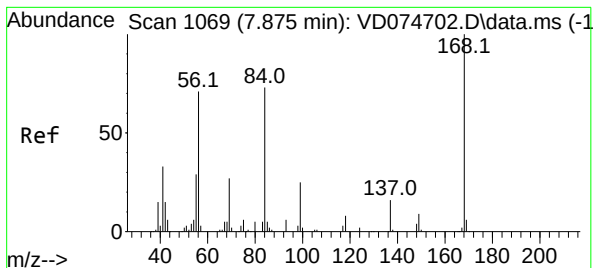
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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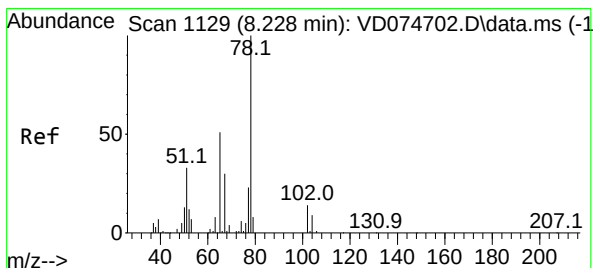
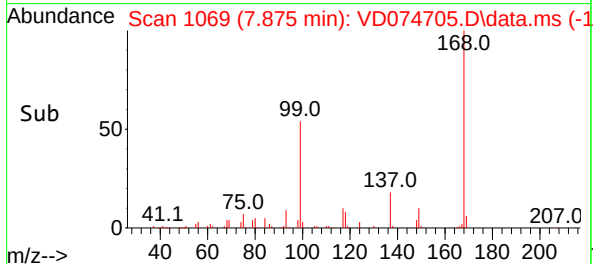
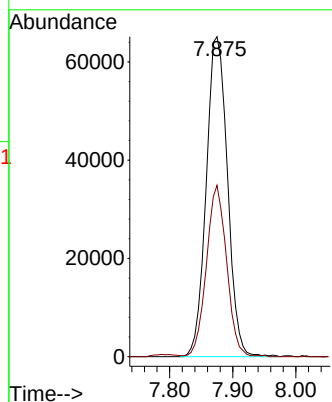
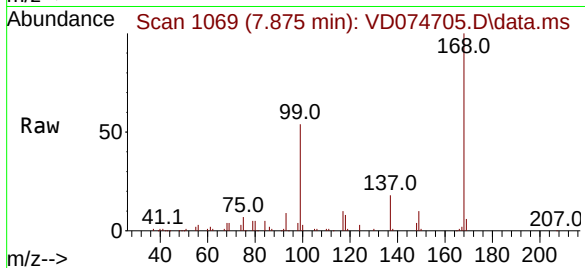




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074705.D
Acq: 02 Nov 2022 15:21

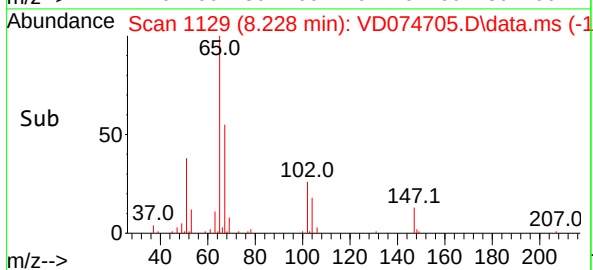
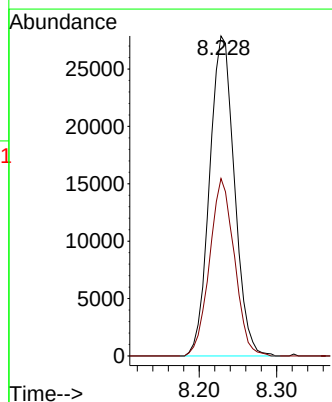
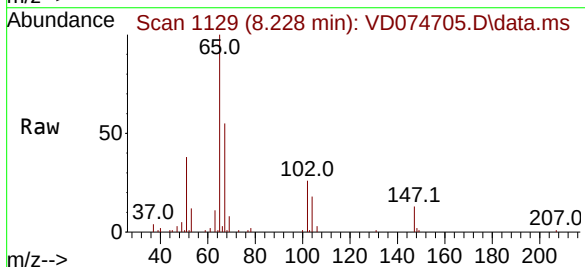
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

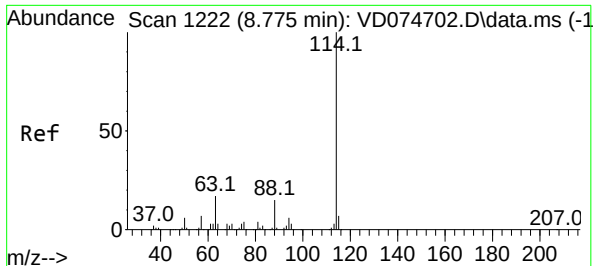
Tgt Ion:168 Resp: 152580
Ion Ratio Lower Upper
168 100
99 53.6 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 51.577 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074705.D
Acq: 02 Nov 2022 15:21

Tgt Ion: 65 Resp: 62329
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074705.D

Acq: 02 Nov 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

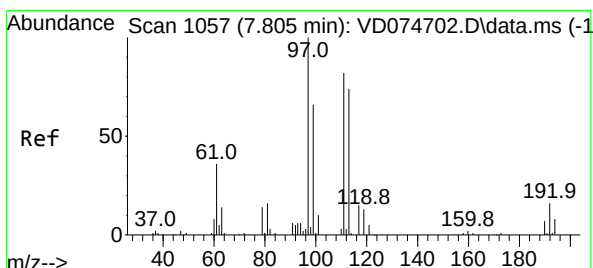
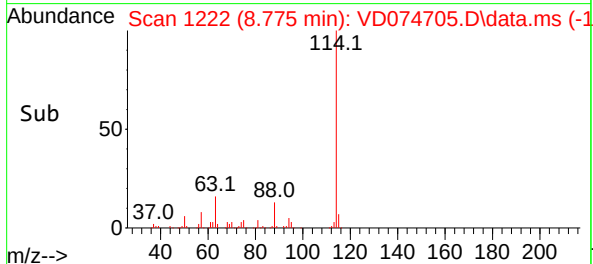
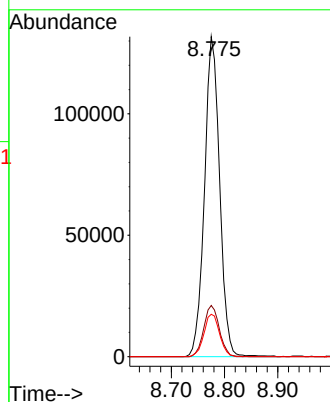
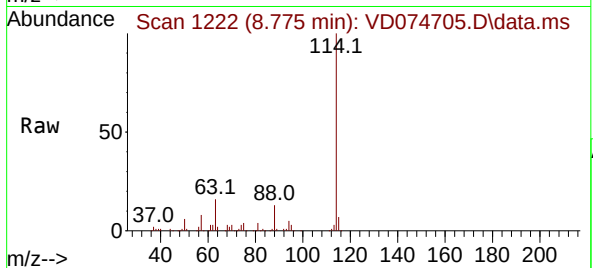
Tgt Ion:114 Resp: 260141

Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.2

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.196 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074705.D

Acq: 02 Nov 2022 15:21

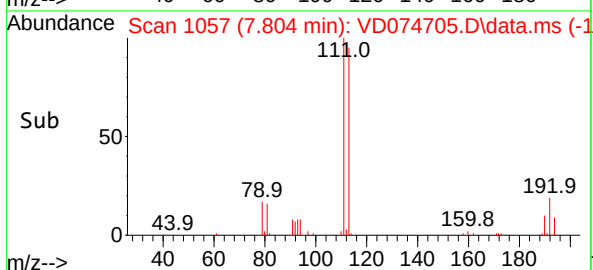
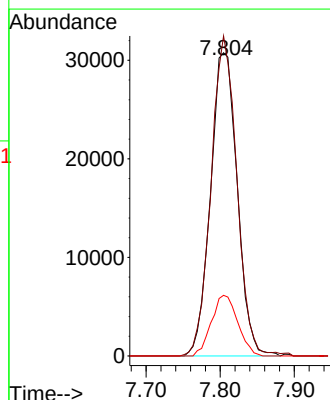
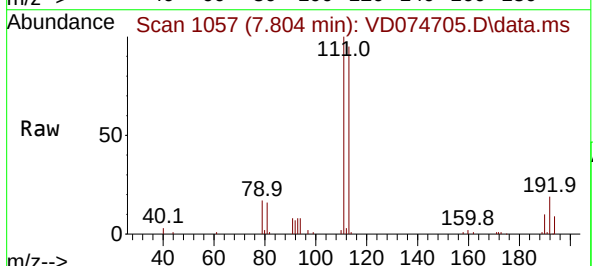
Tgt Ion:113 Resp: 77243

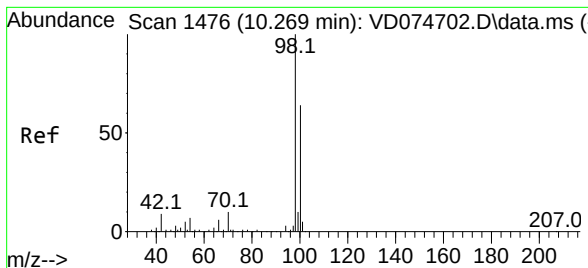
Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

192 19.7 16.4 24.6

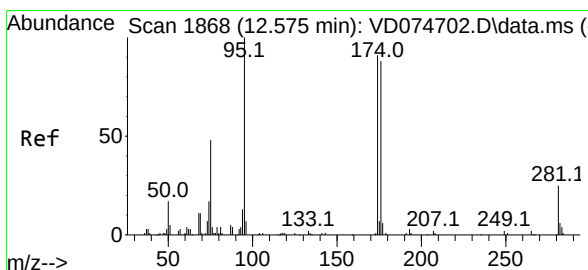
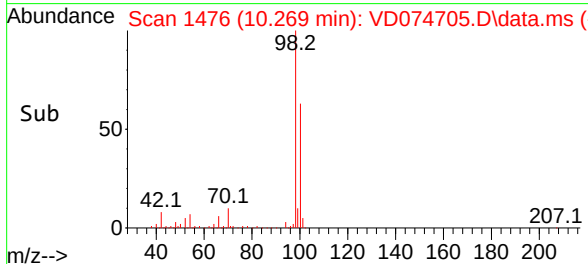
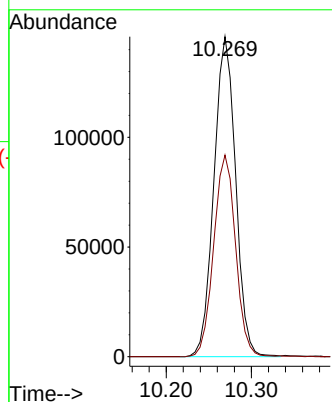
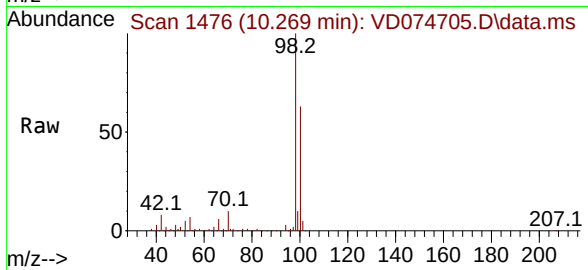




#50
Toluene-d8
Concen: 46.057 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074705.D
Acq: 02 Nov 2022 15:21

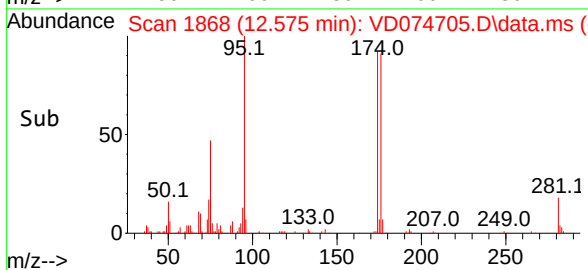
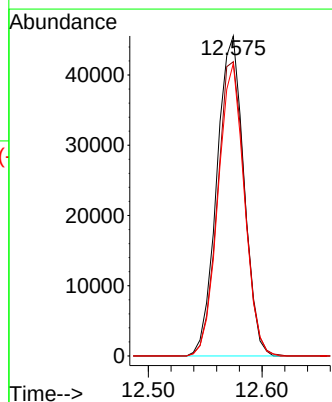
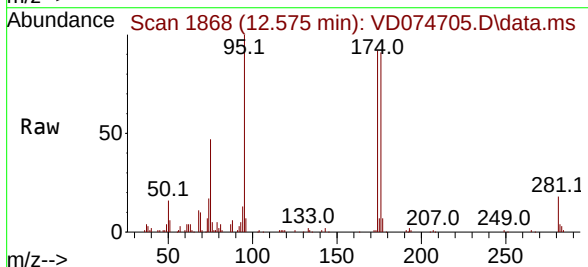
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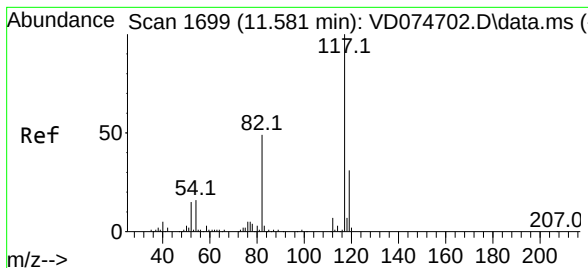
Tgt Ion: 98 Resp: 258526
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.445 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074705.D
Acq: 02 Nov 2022 15:21

Tgt Ion: 95 Resp: 75275
Ion Ratio Lower Upper
95 100
174 92.5 0.0 197.0
176 88.5 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074705.D

Acq: 02 Nov 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

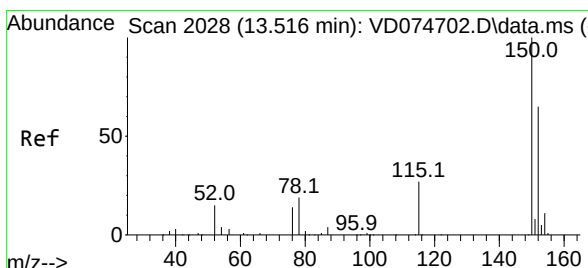
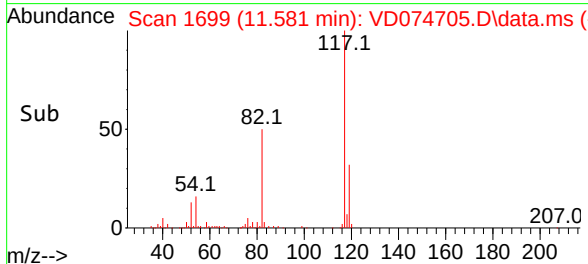
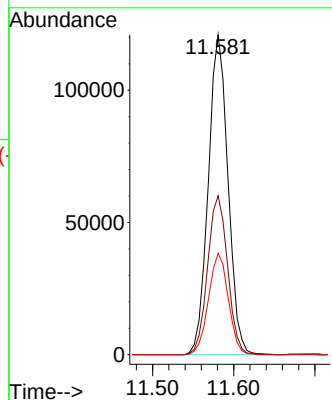
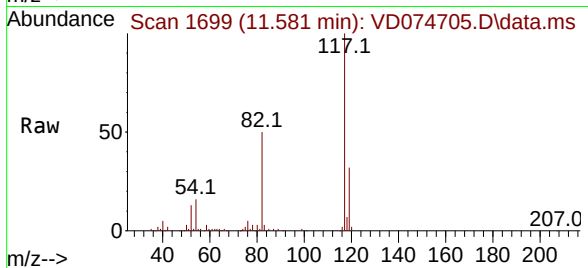
Tgt Ion:117 Resp: 204045

Ion Ratio Lower Upper

117 100

82 49.7 41.6 62.4

119 31.7 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD074705.D

Acq: 02 Nov 2022 15:21

Tgt Ion:152 Resp: 89642

Ion Ratio Lower Upper

152 100

115 54.8 26.8 80.4

150 156.3 0.0 348.2

