

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076488.D
 Acq On : 20 Jun 2023 13:16
 Operator : KP/SY
 Sample : 03289-02
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-4.0-6.0

Quant Time: Jun 21 06:45:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	6235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	10658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	11595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	5548	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5735	91.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	183.600%#
35) Dibromofluoromethane	7.804	113	4434	70.030	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	140.060%
50) Toluene-d8	10.269	98	13109	54.593	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.180%
62) 4-Bromofluorobenzene	12.575	95	5214	66.906	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	133.820%

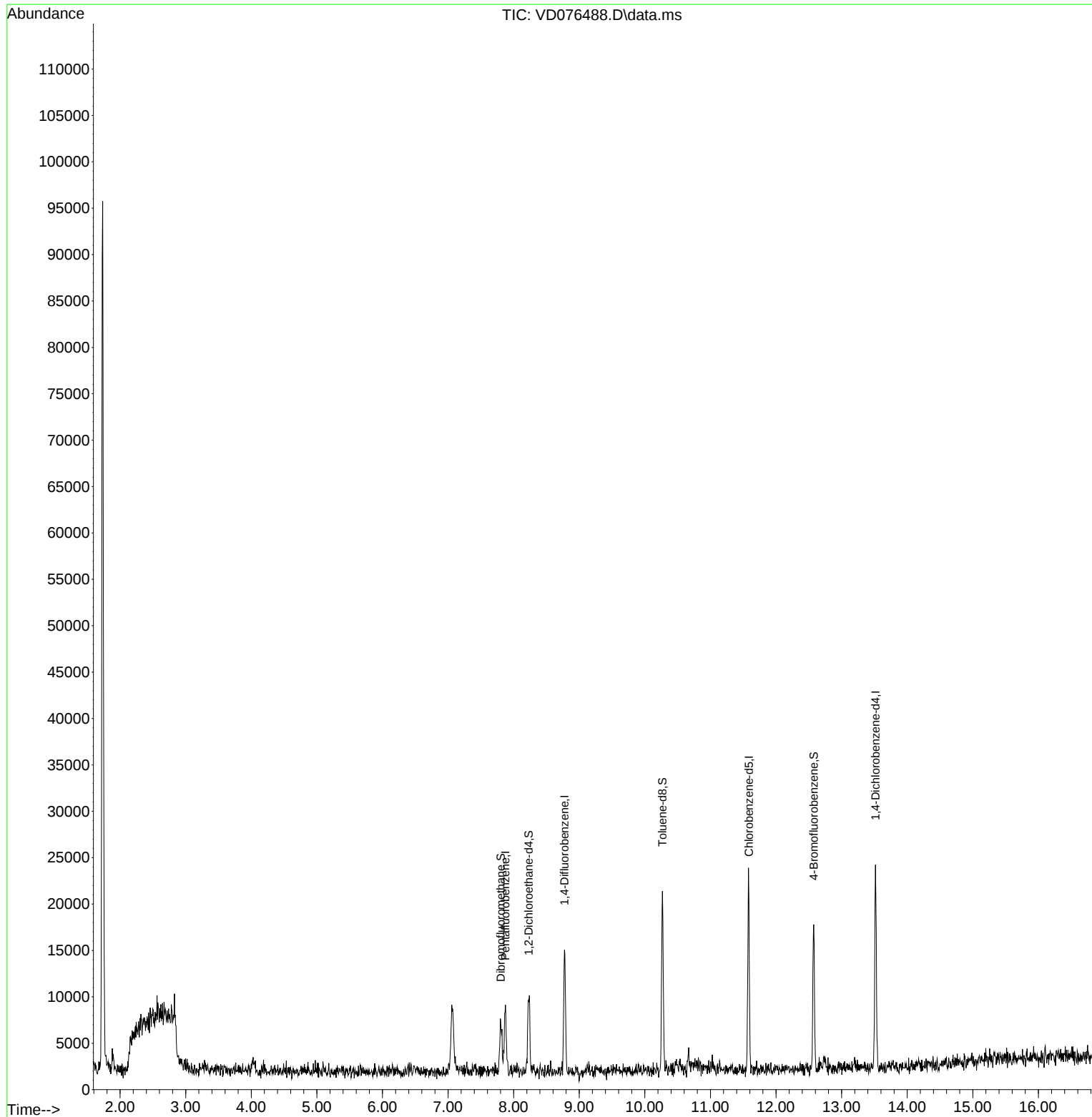
Target Compounds	Qvalue

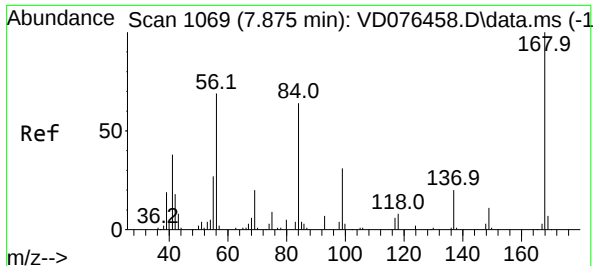
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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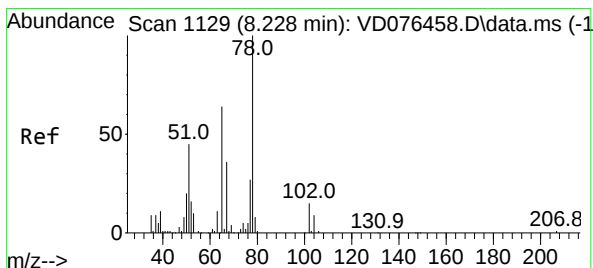
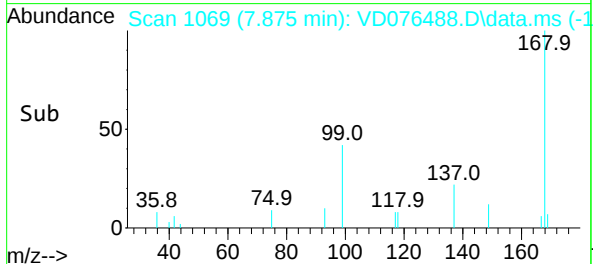
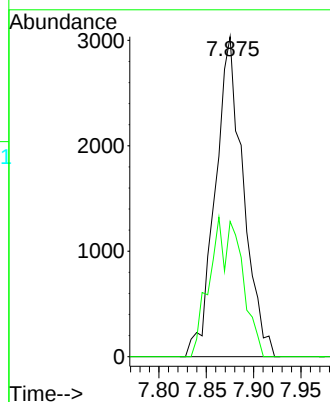
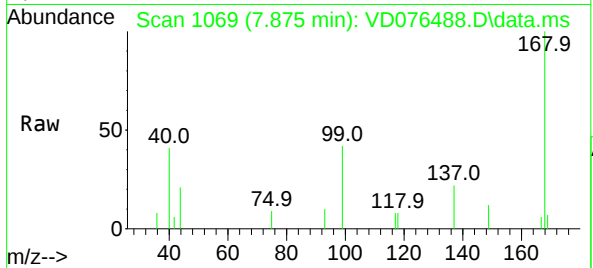




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076488.D
Acq: 20 Jun 2023 13:16

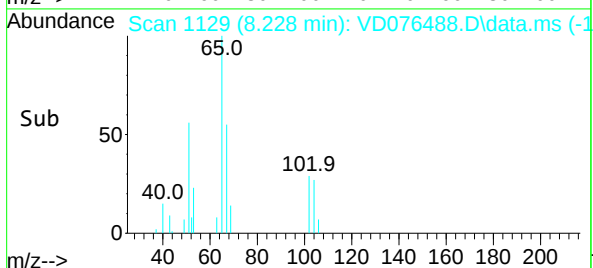
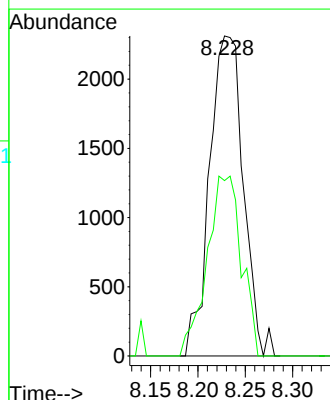
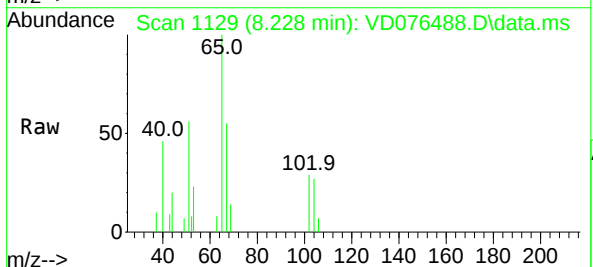
Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-6.0

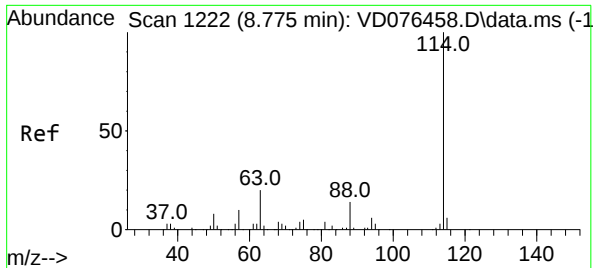
Tgt Ion:168 Resp: 6235
Ion Ratio Lower Upper
168 100
99 42.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 91.805 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076488.D
Acq: 20 Jun 2023 13:16

Tgt Ion: 65 Resp: 5735
Ion Ratio Lower Upper
65 100
67 57.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076488.D

Acq: 20 Jun 2023 13:16

Instrument :

MSVOA_D

ClientSampleId :

SB-01-4.0-6.0

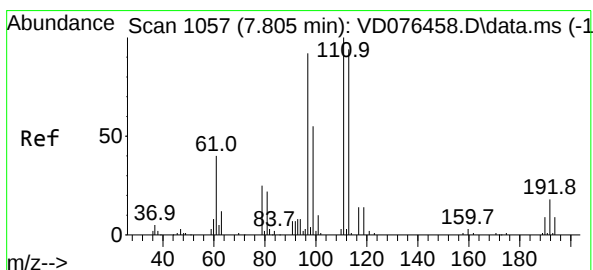
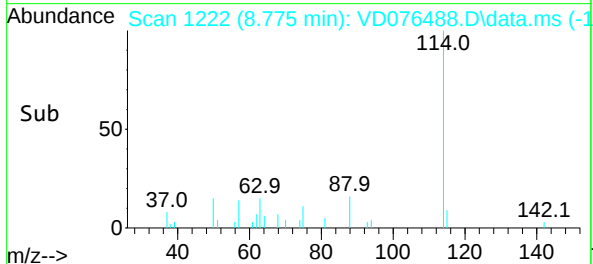
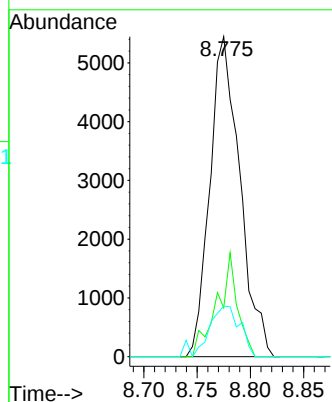
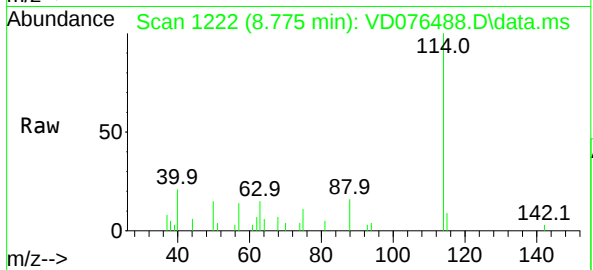
Tgt Ion:114 Resp: 10658

Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.4

88 15.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 70.030 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076488.D

Acq: 20 Jun 2023 13:16

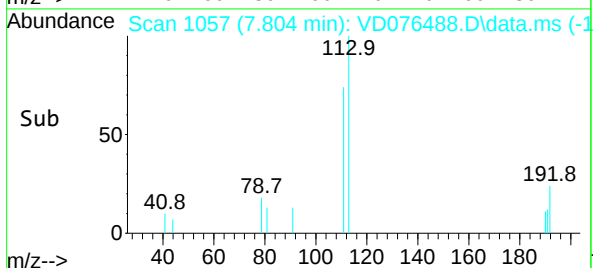
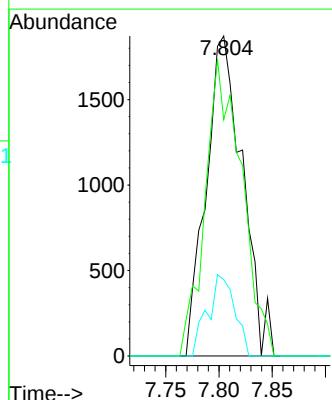
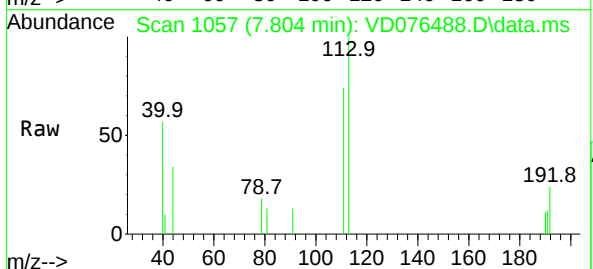
Tgt Ion:113 Resp: 4434

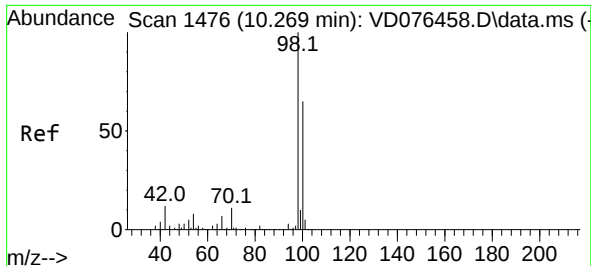
Ion Ratio Lower Upper

113 100

111 93.3 84.7 127.1

192 19.0 16.8 25.2

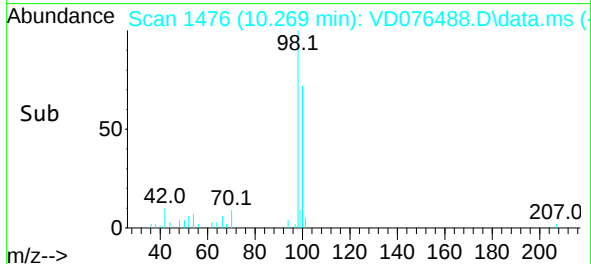
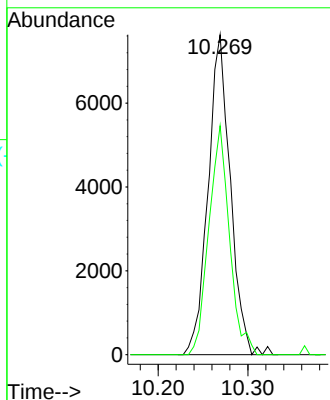
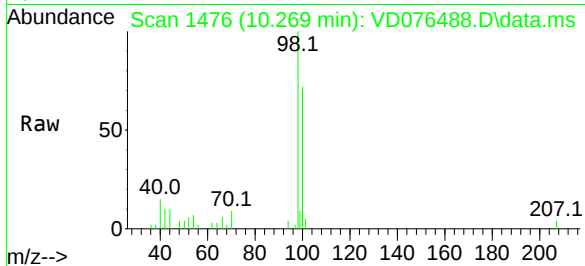




#50
Toluene-d8
Concen: 54.593 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076488.D
Acq: 20 Jun 2023 13:16

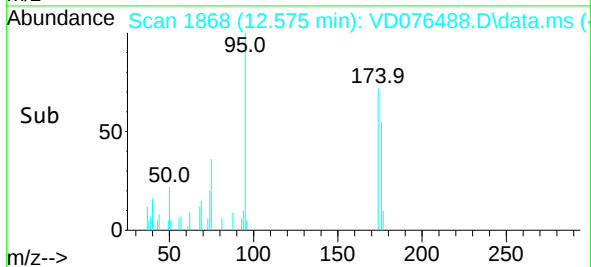
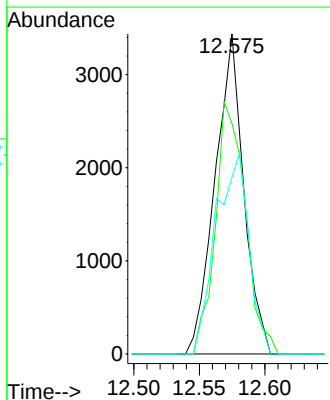
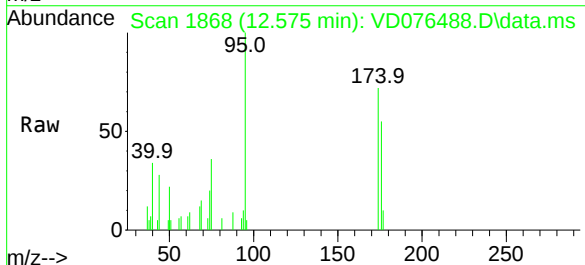
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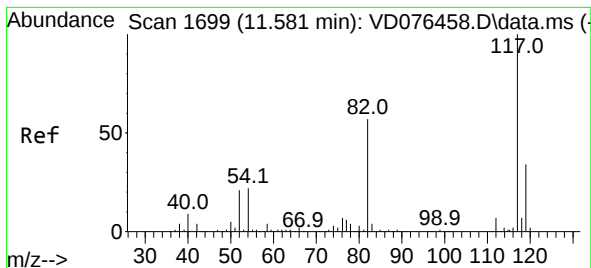
Tgt Ion: 98 Resp: 13109
Ion Ratio Lower Upper
98 100
100 66.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 66.906 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076488.D
Acq: 20 Jun 2023 13:16

Tgt Ion: 95 Resp: 5214
Ion Ratio Lower Upper
95 100
174 82.4 0.0 201.8
176 72.7 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076488.D

Acq: 20 Jun 2023 13:16

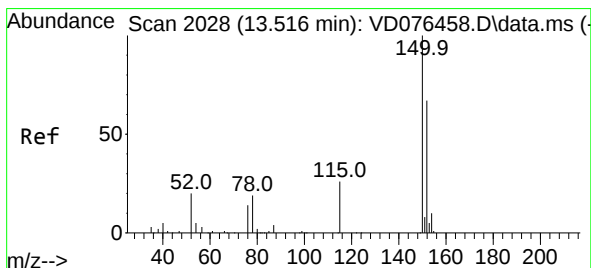
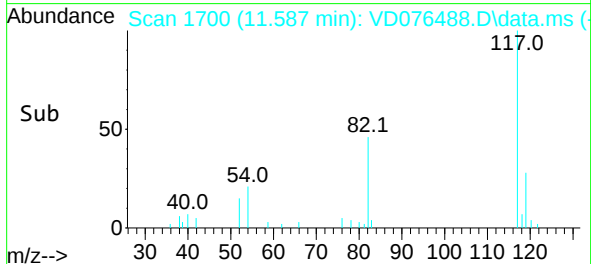
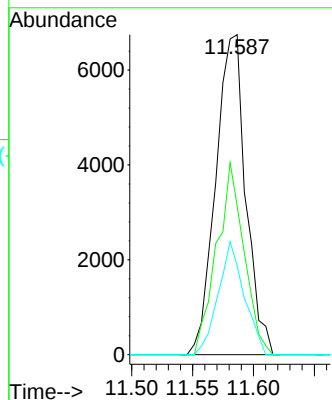
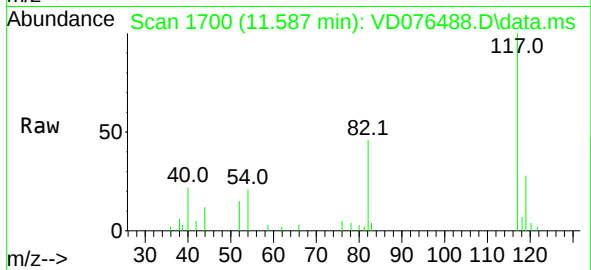
Instrument :

MSVOA_D

ClientSampleId :

SB-01-4.0-6.0

Tgt Ion:117	Resp:	11595
Ion	Ratio	Lower Upper
117	100	
82	46.5	38.3 57.5
119	27.7	25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD076488.D

Acq: 20 Jun 2023 13:16

Tgt Ion:152	Resp:	5548
Ion	Ratio	Lower Upper
152	100	
115	57.4	27.1 81.3
150	153.6	0.0 353.6

