

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076489.D
 Acq On : 20 Jun 2023 13:46
 Operator : KP/SY
 Sample : 03289-05
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-12.0-14.0RE

Quant Time: Jun 21 06:45:56 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	30732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	58330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	60135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	31313	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	27379	88.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	177.840%#
35) Dibromofluoromethane	7.804	113	21662	62.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.020%
50) Toluene-d8	10.269	98	70559	53.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.380%
62) 4-Bromofluorobenzene	12.575	95	25103	58.858	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	117.720%

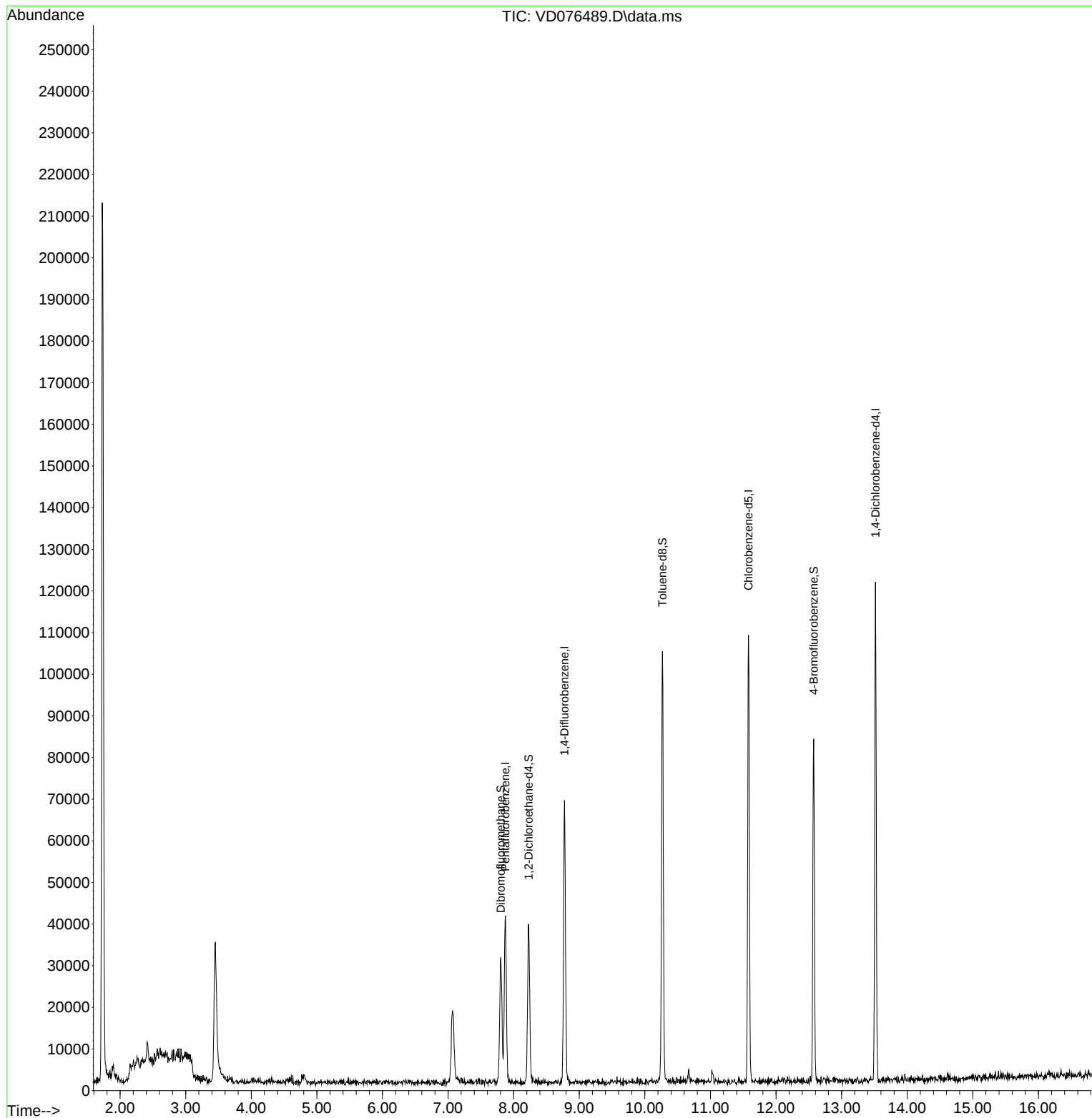
Target Compounds	Qvalue

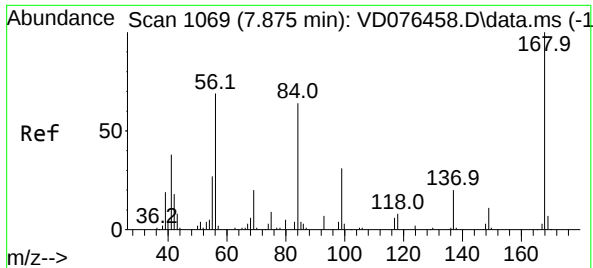
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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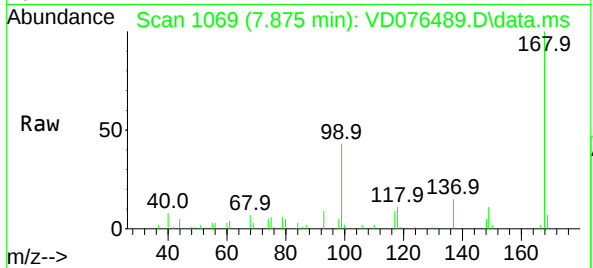
Quant Time: Jun 21 06:45:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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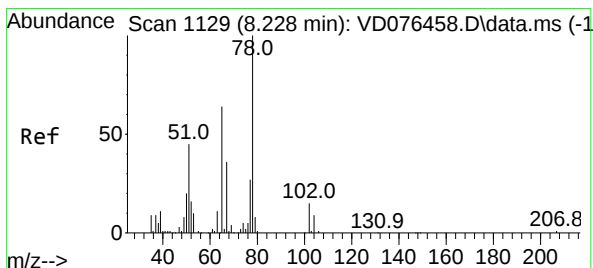
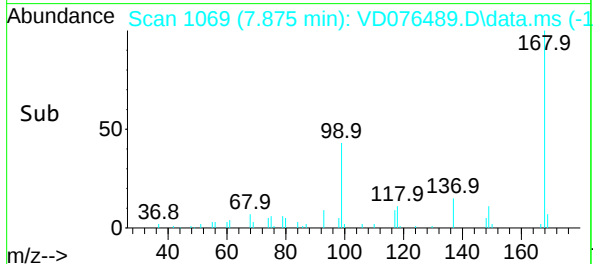
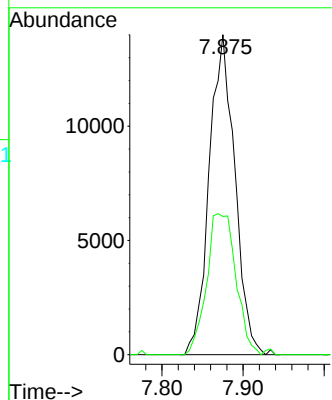


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076489.D
Acq: 20 Jun 2023 13:46

Instrument :
MSVOA_D
ClientSampleId :
SB-02-12.0-14.0RE

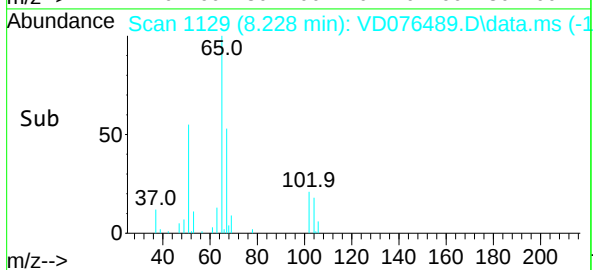
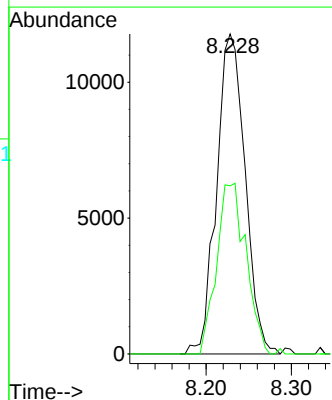
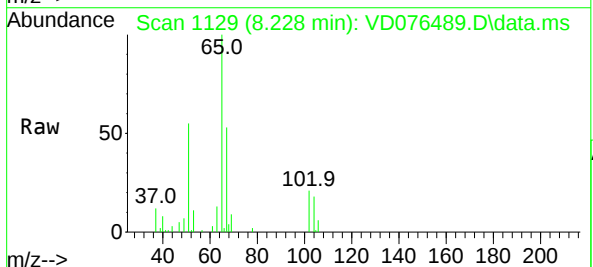


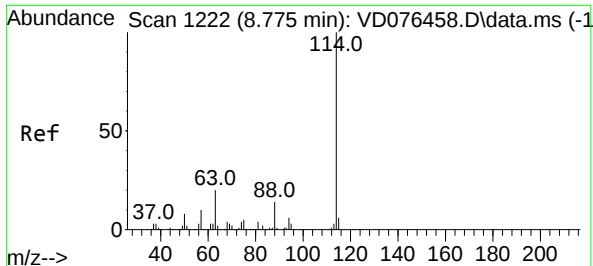
Tgt Ion:168 Resp: 30732
Ion Ratio Lower Upper
168 100
99 43.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 88.919 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076489.D
Acq: 20 Jun 2023 13:46

Tgt Ion: 65 Resp: 27379
Ion Ratio Lower Upper
65 100
67 54.8 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: VD076489.D

Acq: 20 Jun 2023 13:46

Instrument :

MSVOA_D

ClientSampleId :

SB-02-12.0-14.0RE

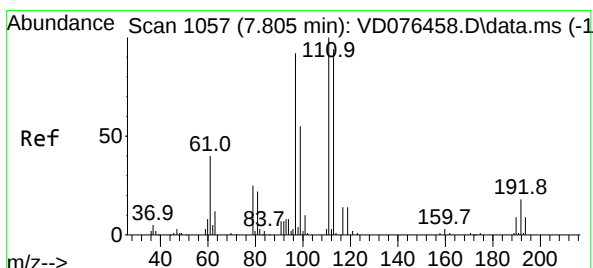
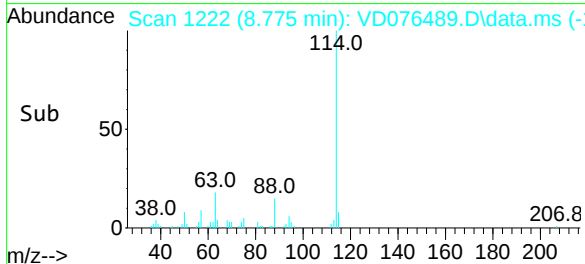
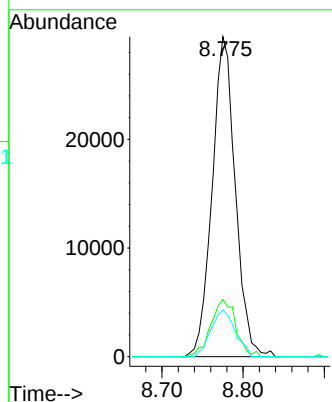
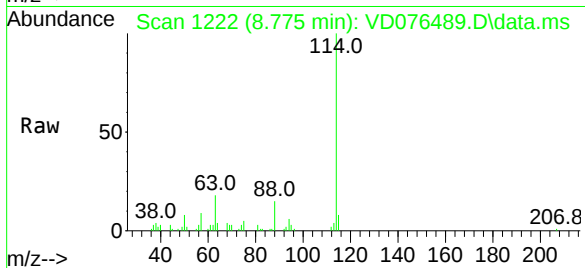
Tgt Ion:114 Resp: 58330

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 14.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 62.513 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076489.D

Acq: 20 Jun 2023 13:46

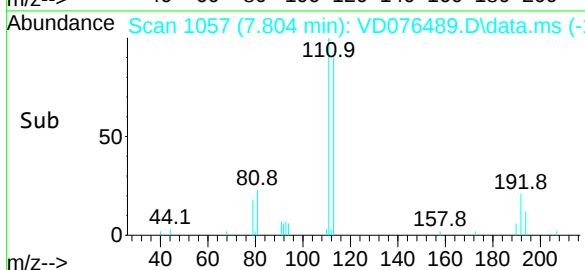
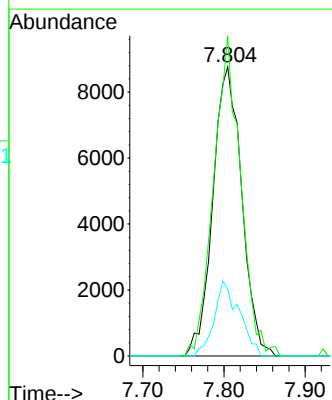
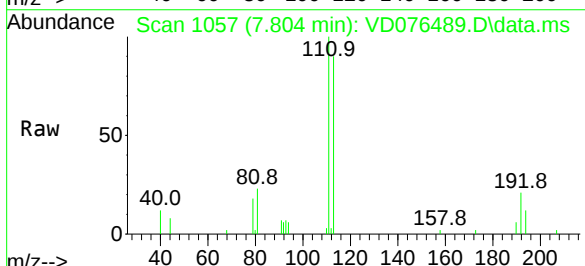
Tgt Ion:113 Resp: 21662

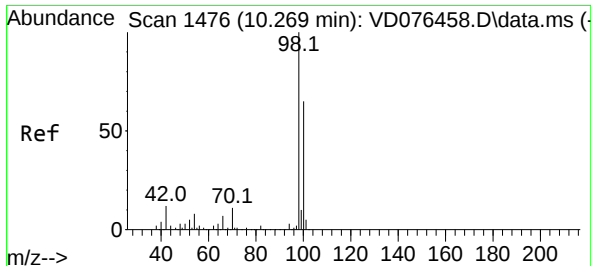
Ion Ratio Lower Upper

113 100

111 103.6 84.7 127.1

192 22.5 16.8 25.2

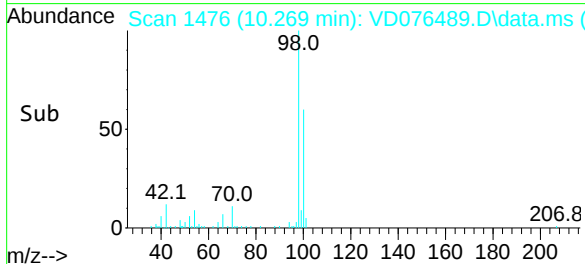
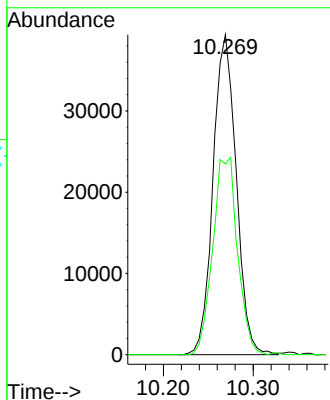
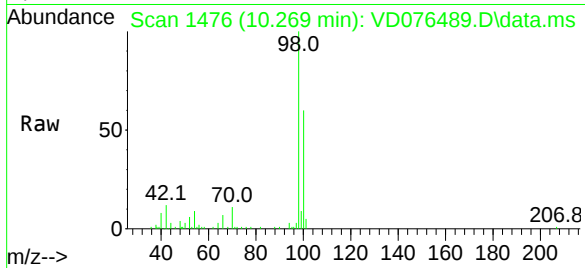




#50
Toluene-d8
Concen: 53.691 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076489.D
Acq: 20 Jun 2023 13:46

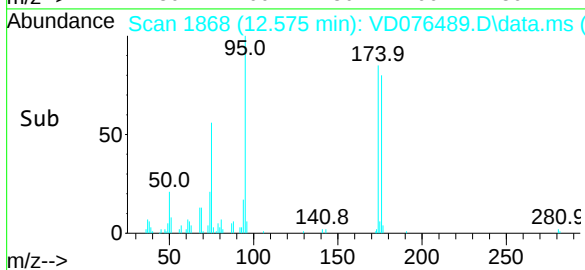
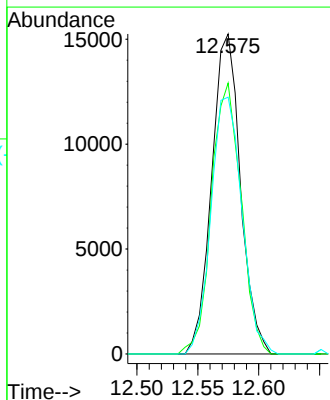
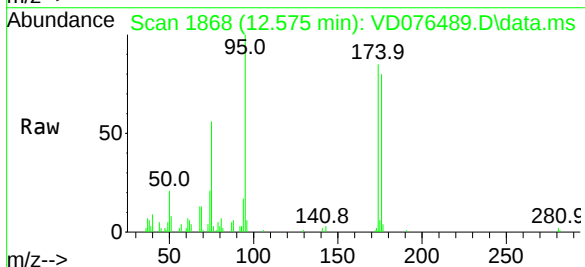
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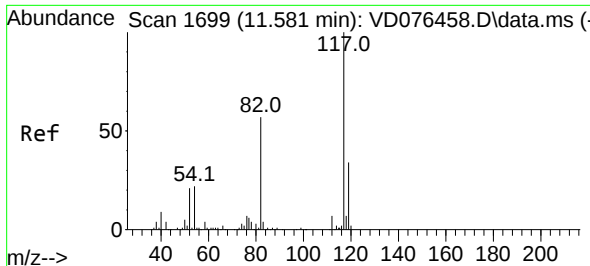
Tgt Ion: 98 Resp: 70559
Ion Ratio Lower Upper
98 100
100 66.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 58.858 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076489.D
Acq: 20 Jun 2023 13:46

Tgt Ion: 95 Resp: 25103
Ion Ratio Lower Upper
95 100
174 86.9 0.0 201.8
176 86.3 0.0 191.8

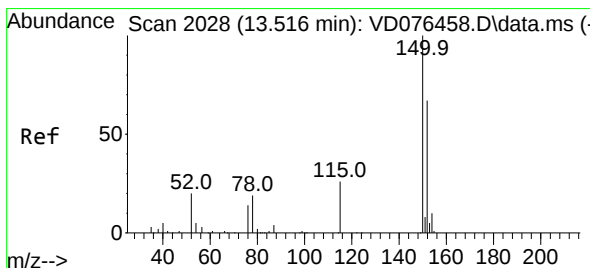
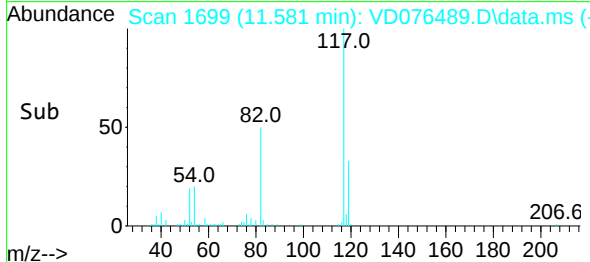
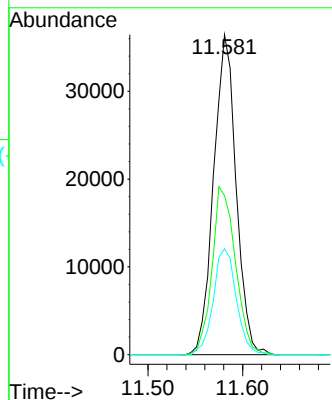
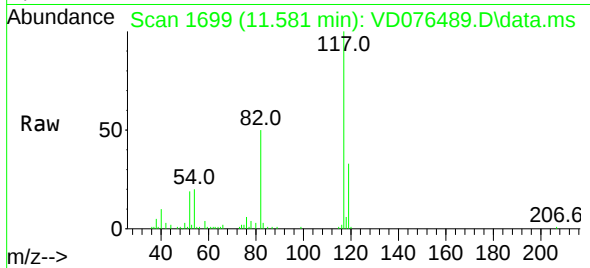




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076489.D
Acq: 20 Jun 2023 13:46

Instrument :
MSVOA_D
ClientSampleId :
SB-02-12.0-14.0RE

Tgt Ion:117 Resp: 60135
Ion Ratio Lower Upper
117 100
82 49.7 38.3 57.5
119 33.1 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: VD076489.D
Acq: 20 Jun 2023 13:46

Tgt Ion:152 Resp: 31313
Ion Ratio Lower Upper
152 100
115 53.0 27.1 81.3
150 156.2 0.0 353.6

