

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076380.D
 Acq On : 08 Jun 2023 18:31
 Operator : KP/SY
 Sample : 03074-02
 Misc : 6.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-02

Quant Time: Jun 09 01:24:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	225303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	431941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	357207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	109395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	157507	78.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.040%
35) Dibromofluoromethane	7.799	113	208487	76.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	152.040%#
50) Toluene-d8	10.269	98	482995	44.233	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.460%
62) 4-Bromofluorobenzene	12.575	95	130729	45.239	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.480%

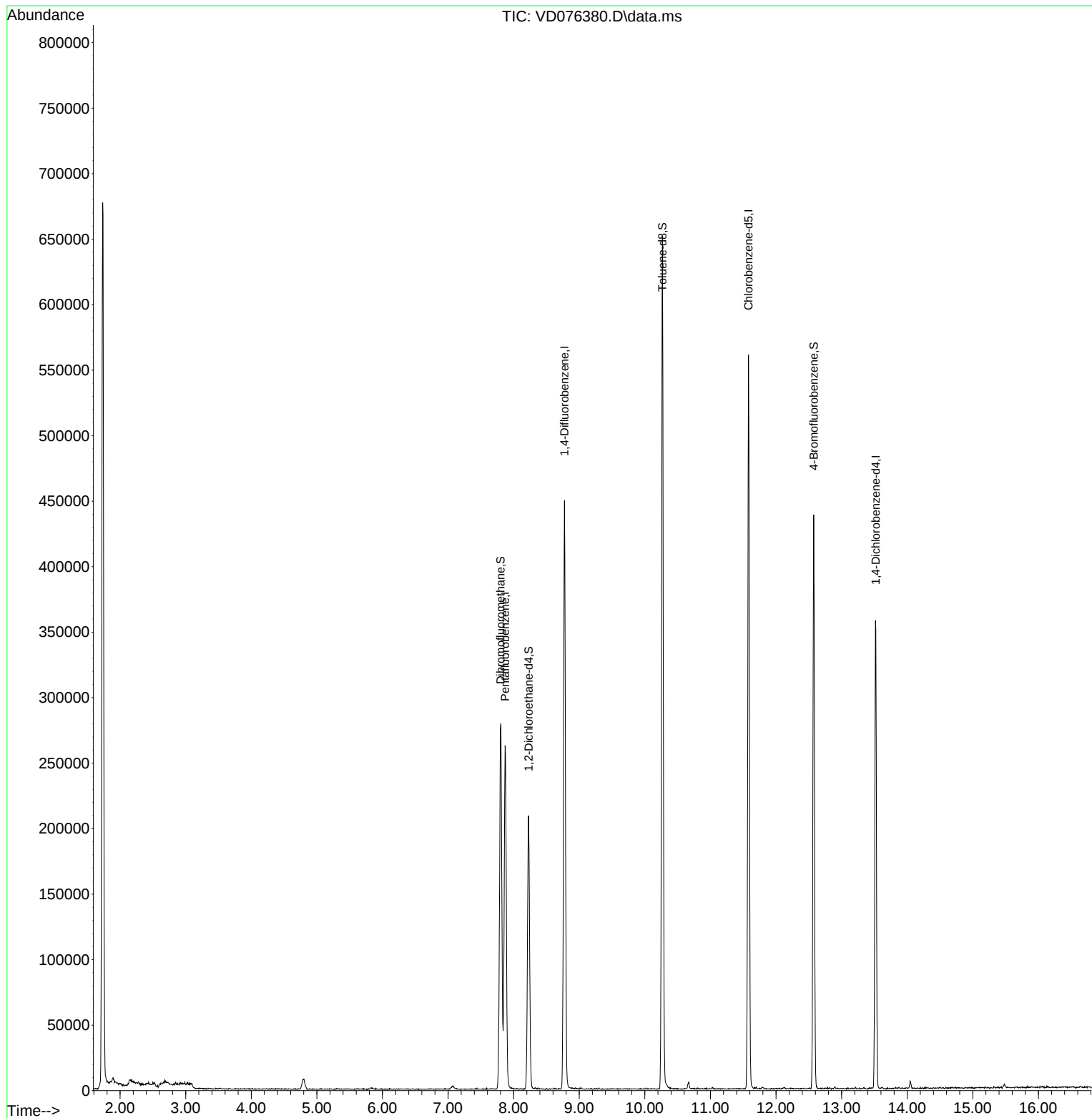
Target Compounds	Qvalue

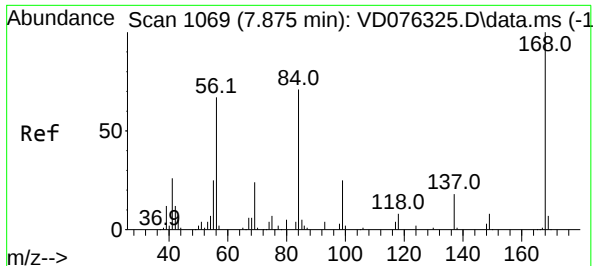
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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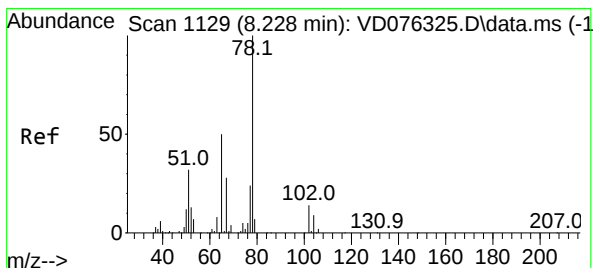
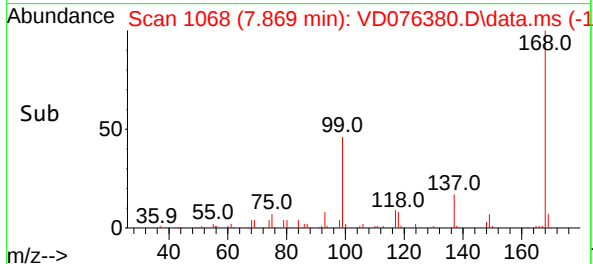
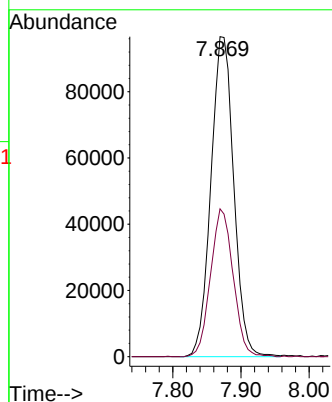
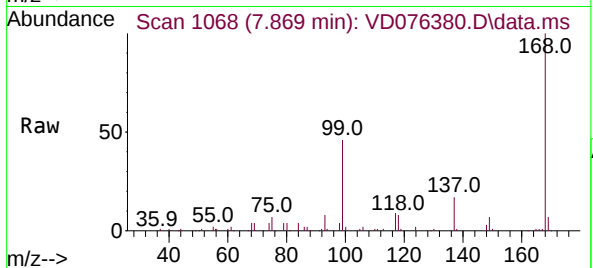




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

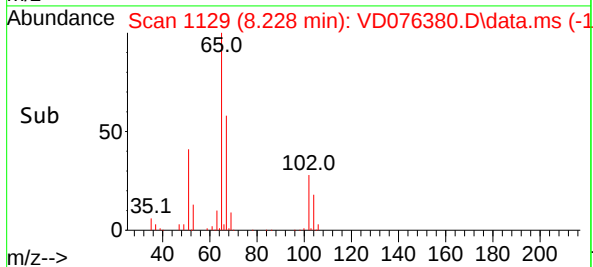
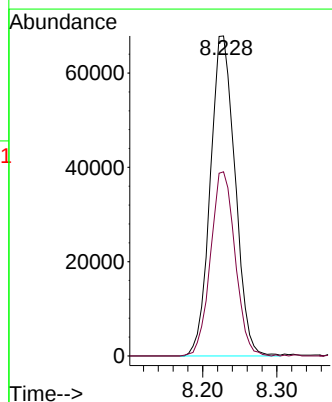
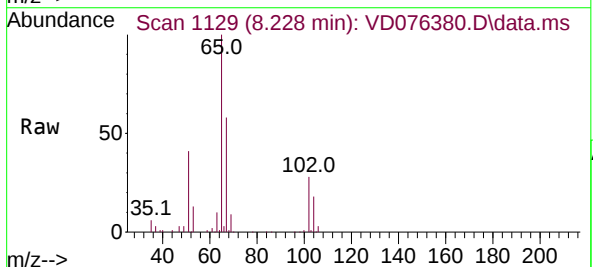
Instrument :
MSVOA_D
ClientSampleId :
GT-02

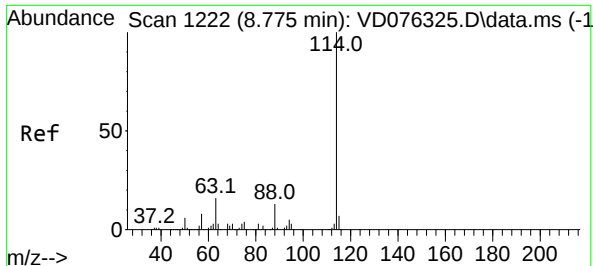
Tgt Ion:168 Resp: 225303
Ion Ratio Lower Upper
168 100
99 46.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 78.024 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

Tgt Ion: 65 Resp: 157507
Ion Ratio Lower Upper
65 100
67 57.0 0.0 115.0

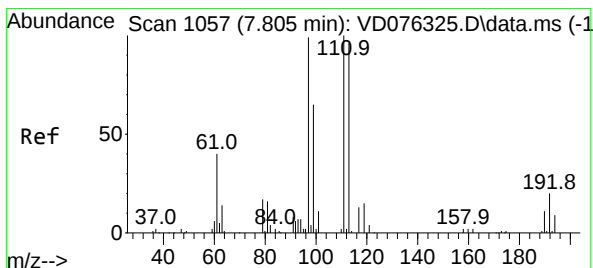
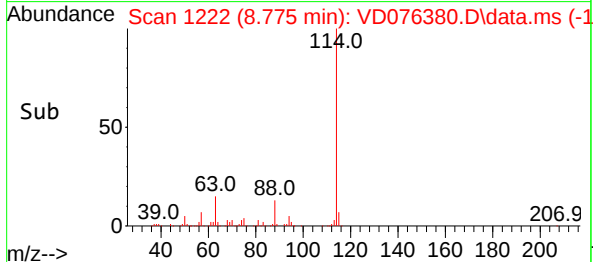
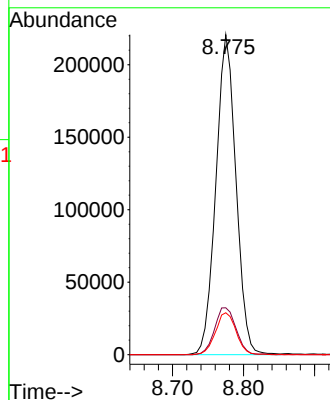
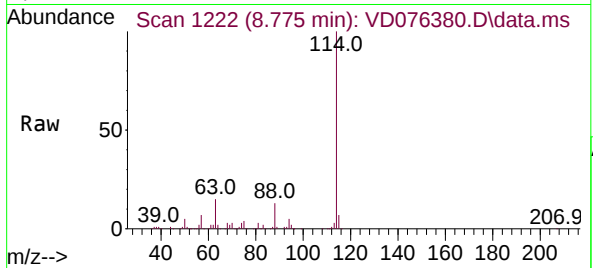




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

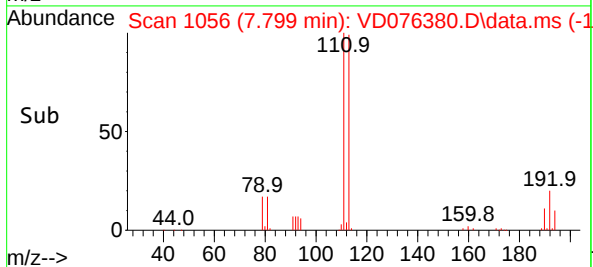
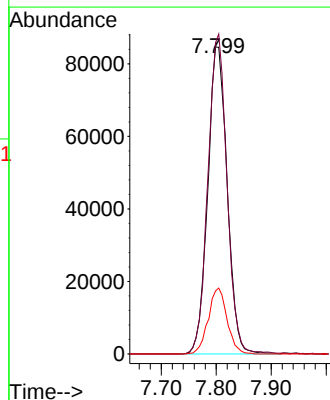
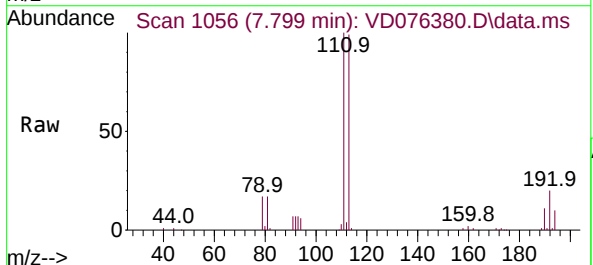
Instrument :
MSVOA_D
ClientSampleId :
GT-02

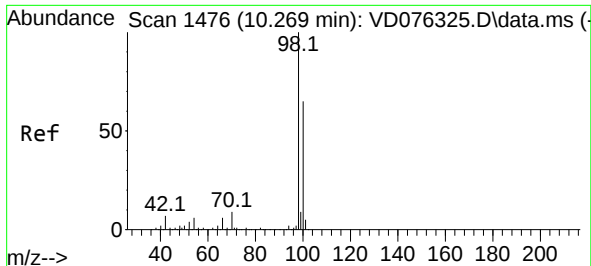
Tgt Ion:114 Resp: 431941
Ion Ratio Lower Upper
114 100
63 14.6 0.0 33.4
88 13.1 0.0 26.2



#35
Dibromofluoromethane
Concen: 76.019 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

Tgt Ion:113 Resp: 208487
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 20.7 16.8 25.2

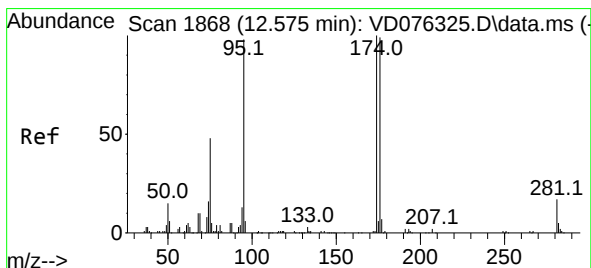
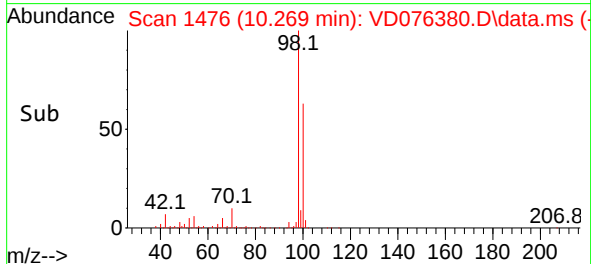
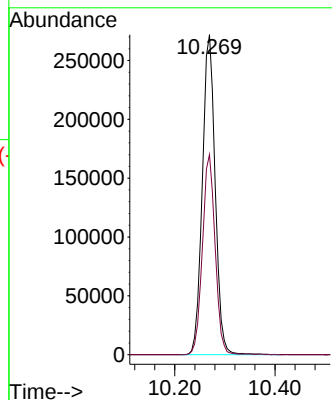
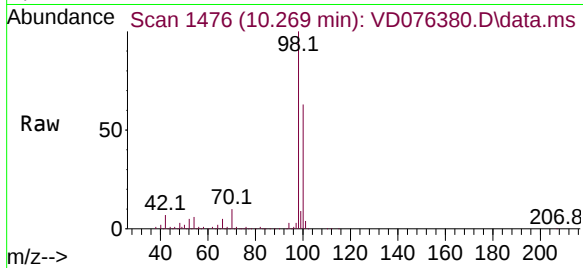




#50
Toluene-d8
Concen: 44.233 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

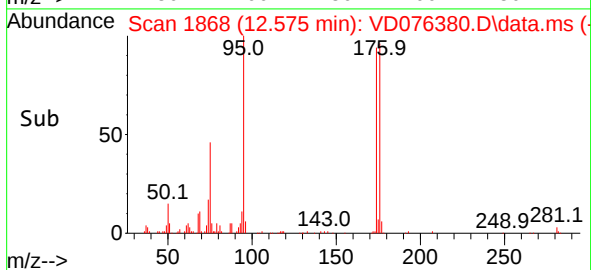
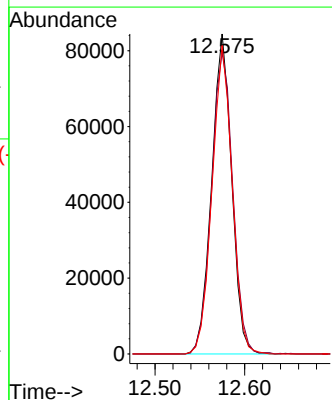
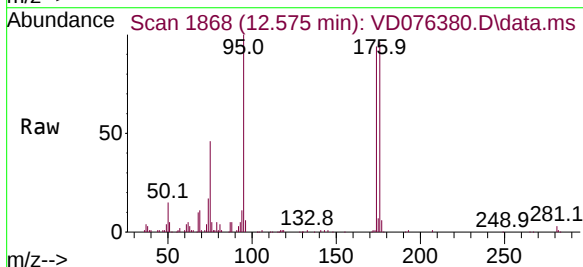
Instrument :
MSVOA_D
ClientSampleId :
GT-02

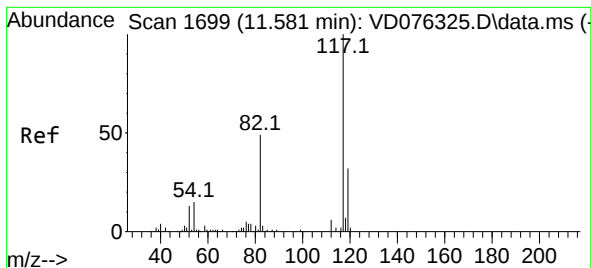
Tgt Ion: 98 Resp: 482995
Ion Ratio Lower Upper
98 100
100 62.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.239 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

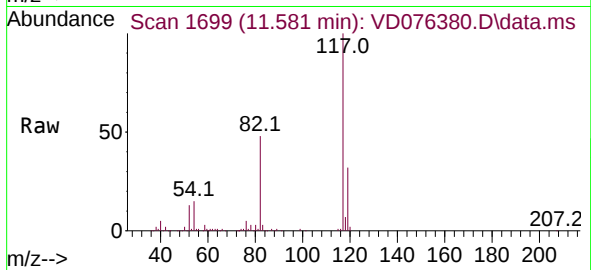
Tgt Ion: 95 Resp: 130729
Ion Ratio Lower Upper
95 100
174 100.1 0.0 201.8
176 96.6 0.0 191.8



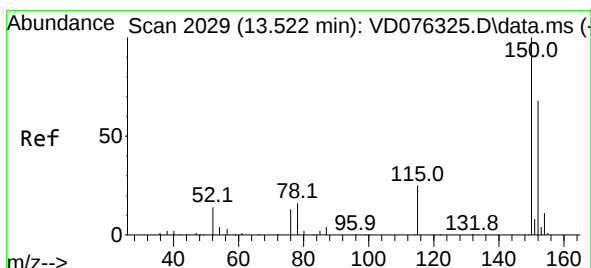
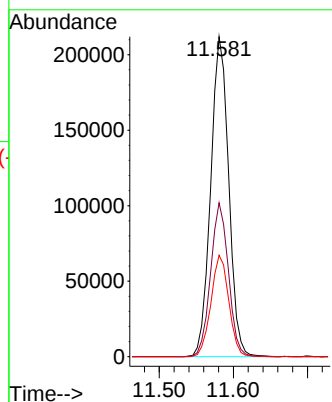
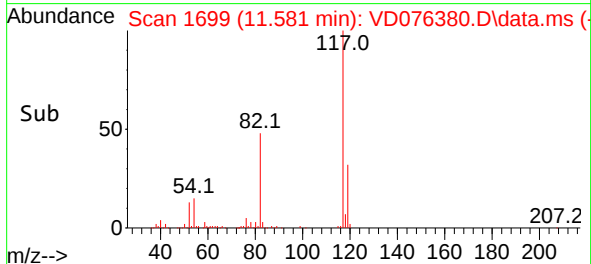


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31

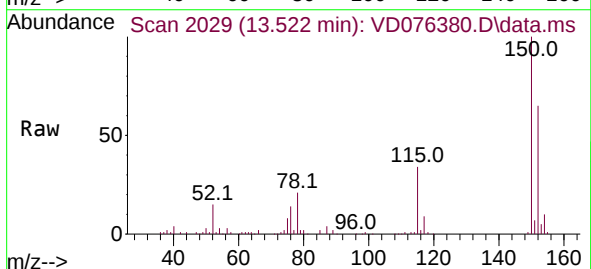
Instrument :
MSVOA_D
ClientSampleId :
GT-02



Tgt Ion:117 Resp: 357207
Ion Ratio Lower Upper
117 100
82 48.1 38.3 57.5
119 31.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076380.D
Acq: 08 Jun 2023 18:31



Tgt Ion:152 Resp: 109395
Ion Ratio Lower Upper
152 100
115 52.5 27.1 81.3
150 158.3 0.0 353.6

