

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080076.D
 Acq On : 18 Nov 2024 18:28
 Operator : RP/MD
 Sample : P4860-05
 Misc : 6.25G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH2-BOT-004

Quant Time: Nov 19 04:50:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	200921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.780	114	364222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	324341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	84226	40.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.420%
35) Dibromofluoromethane	7.810	113	91562	37.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.540%
50) Toluene-d8	10.269	98	290784	31.828	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	63.660%
62) 4-Bromofluorobenzene	12.574	95	91664	30.581	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.160%

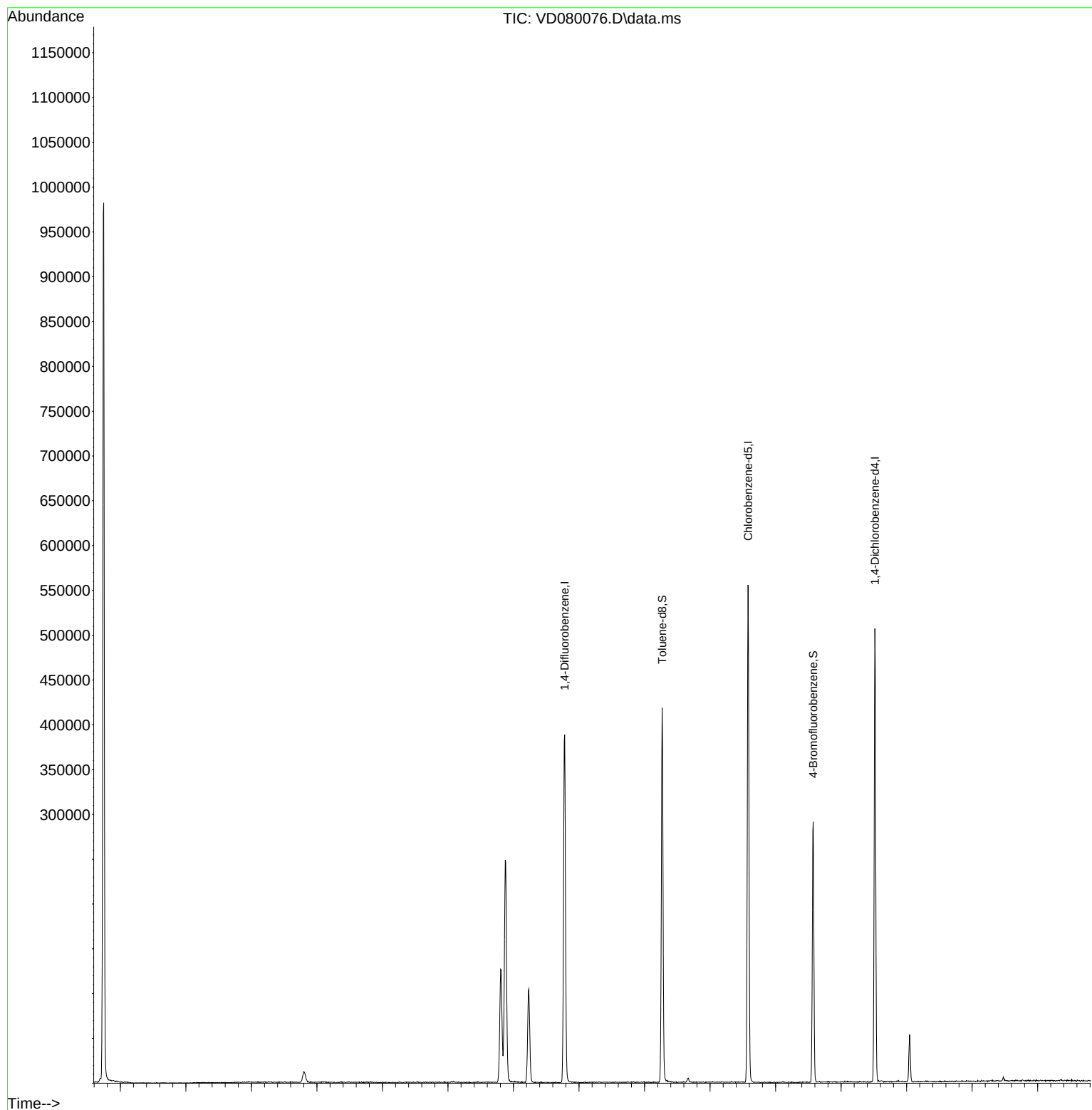
Target Compounds Qvalue

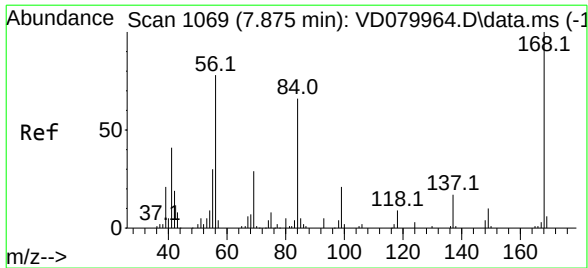
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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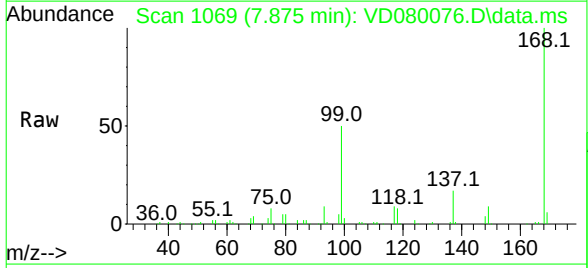
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
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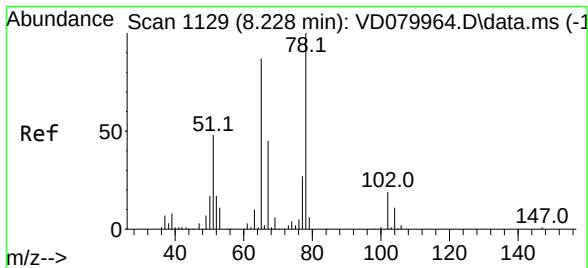
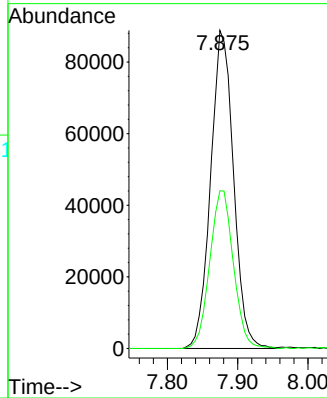
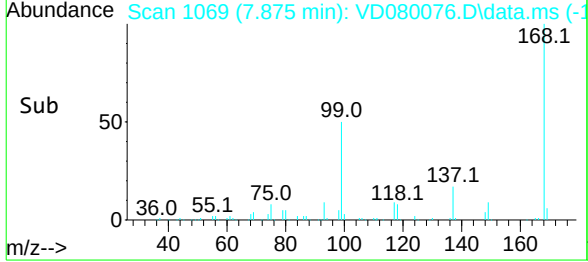


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

Instrument :
MSVOA_D
ClientSampleId :
PH2-BOT-004

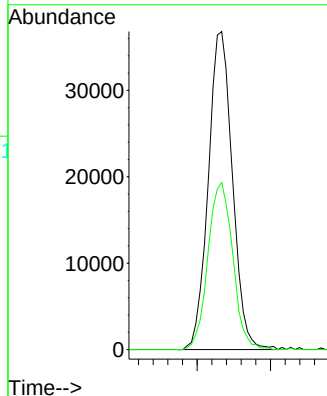
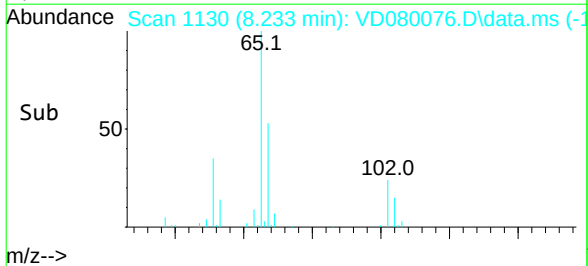
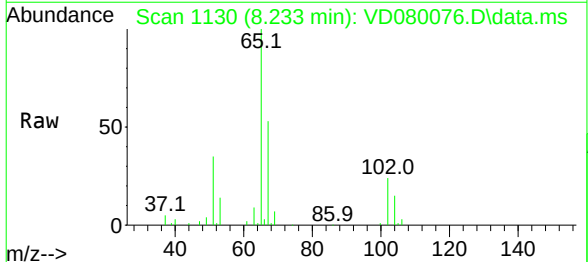


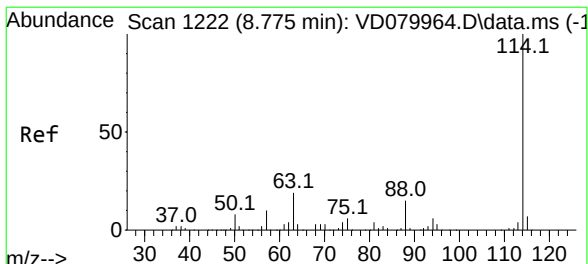
Tgt Ion:168 Resp: 200921
Ion Ratio Lower Upper
168 100
99 49.6 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 40.715 ug/l
RT: 8.233 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

Tgt Ion: 65 Resp: 84226
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.2

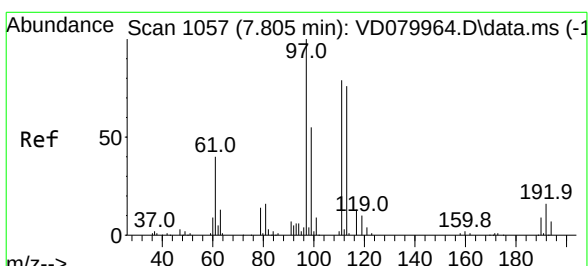
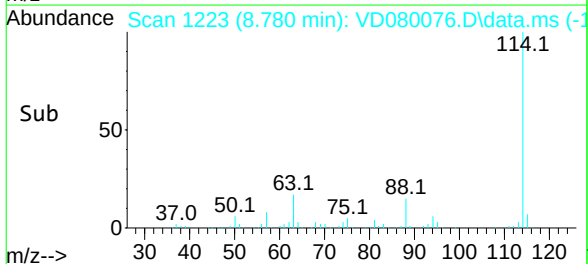
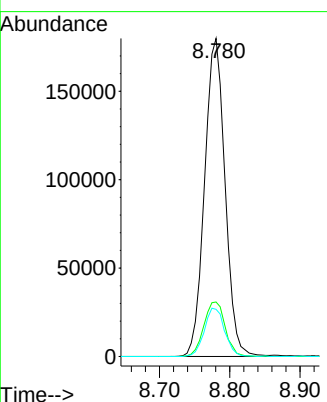
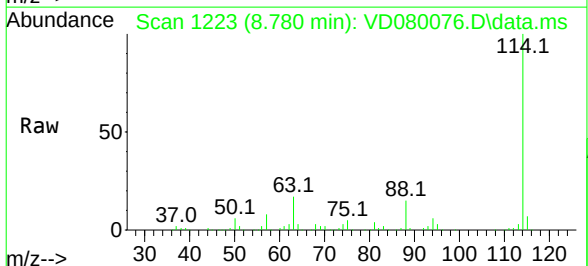




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.780 min Scan# 12
 Delta R.T. 0.005 min
 Lab File: VD080076.D
 Acq: 18 Nov 2024 18:28

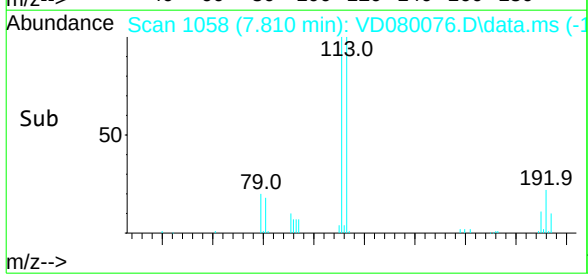
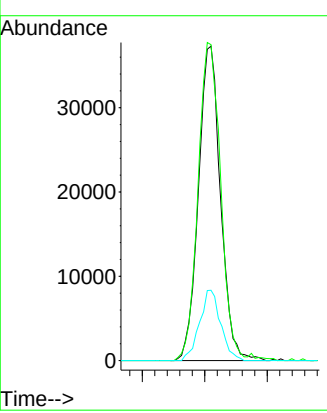
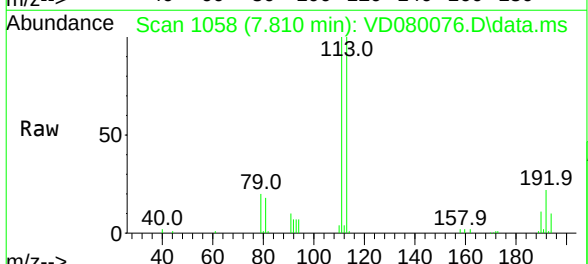
Instrument :
 MSVOA_D
 ClientSampleId :
 PH2-BOT-004

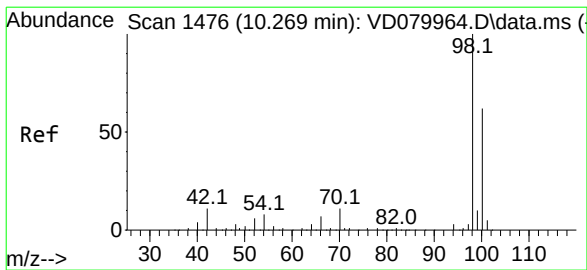
Tgt Ion:	114	Resp:	364222
Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	38.8
88	14.8	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 37.773 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.005 min
 Lab File: VD080076.D
 Acq: 18 Nov 2024 18:28

Tgt Ion:	113	Resp:	91562
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.5	123.7
192	21.4	16.6	25.0





#50

Toluene-d8

Concen: 31.828 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD080076.D

Acq: 18 Nov 2024 18:28

Instrument :

MSVOA_D

ClientSampleId :

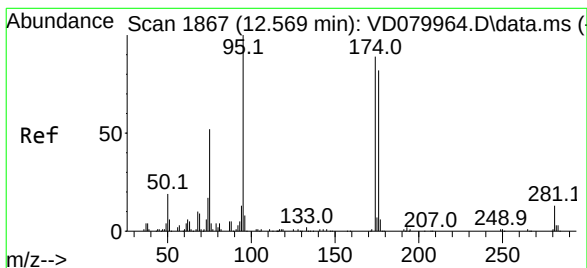
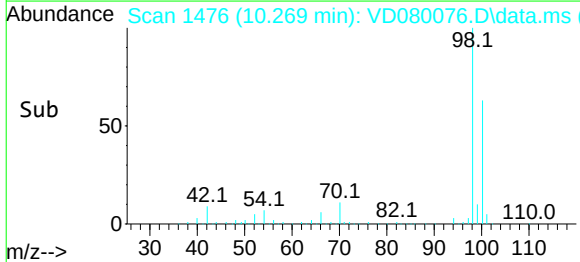
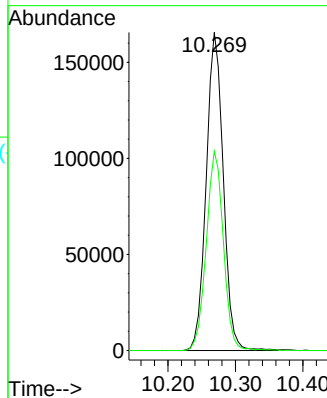
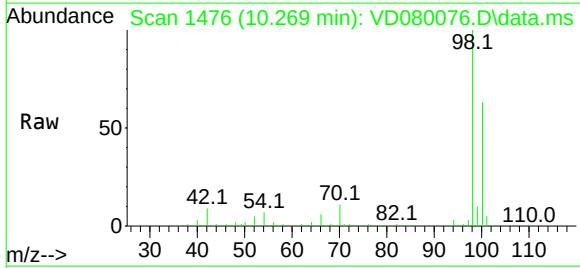
PH2-BOT-004

Tgt Ion: 98 Resp: 290784

Ion Ratio Lower Upper

98 100

100 63.1 50.2 75.4



#62

4-Bromofluorobenzene

Concen: 30.581 ug/l

RT: 12.574 min Scan# 1868

Delta R.T. 0.005 min

Lab File: VD080076.D

Acq: 18 Nov 2024 18:28

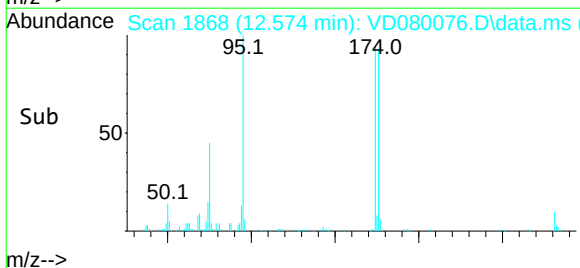
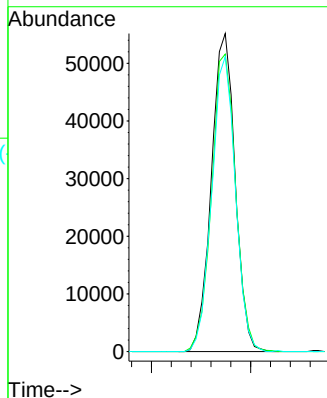
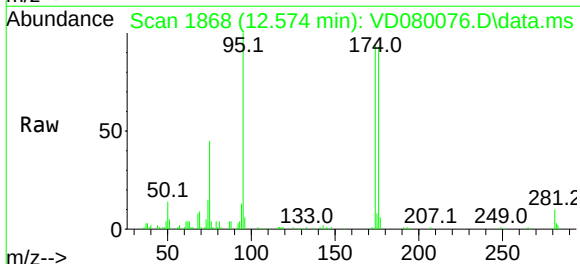
Tgt Ion: 95 Resp: 91664

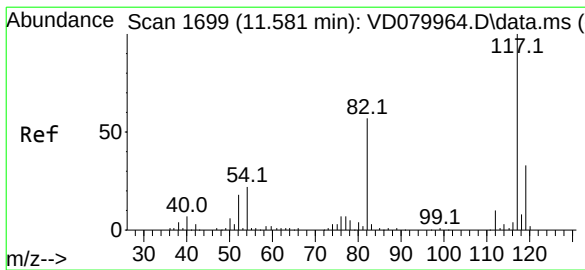
Ion Ratio Lower Upper

95 100

174 94.9 0.0 173.4

176 92.0 0.0 166.6

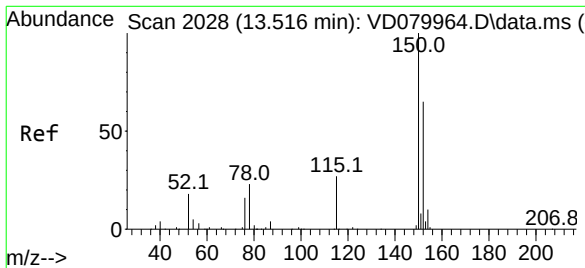
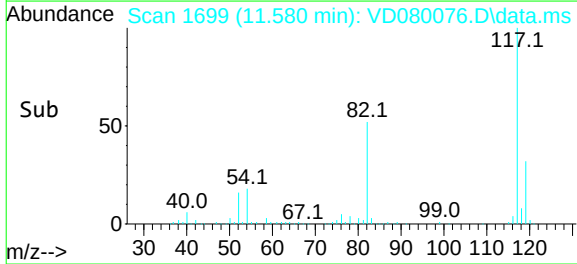
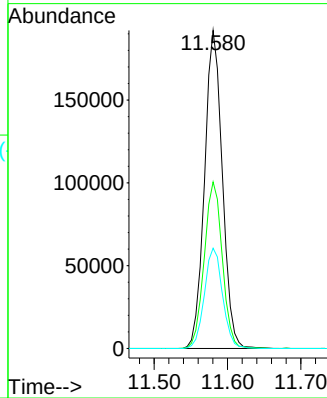
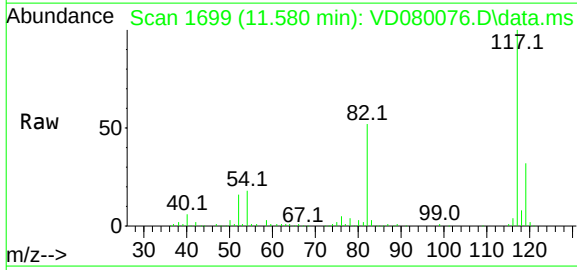




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

Instrument :
MSVOA_D
ClientSampleId :
PH2-BOT-004

Tgt Ion:117 Resp: 324341
Ion Ratio Lower Upper
117 100
82 52.4 45.8 68.6
119 31.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080076.D
Acq: 18 Nov 2024 18:28

Tgt Ion:152 Resp: 143861
Ion Ratio Lower Upper
152 100
115 55.4 28.9 86.8
150 152.9 0.0 354.8

