

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
 Data File : VD080091.D
 Acq On : 19 Nov 2024 18:46
 Operator : RP/MD
 Sample : P4889-06
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-3

Quant Time: Nov 20 04:40:21 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	130139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	219862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	205065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93603	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	72489	54.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.200%
35) Dibromofluoromethane	7.811	113	75144	51.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.269	98	262921	47.674	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.575	95	76713	42.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.800%

Target Compounds

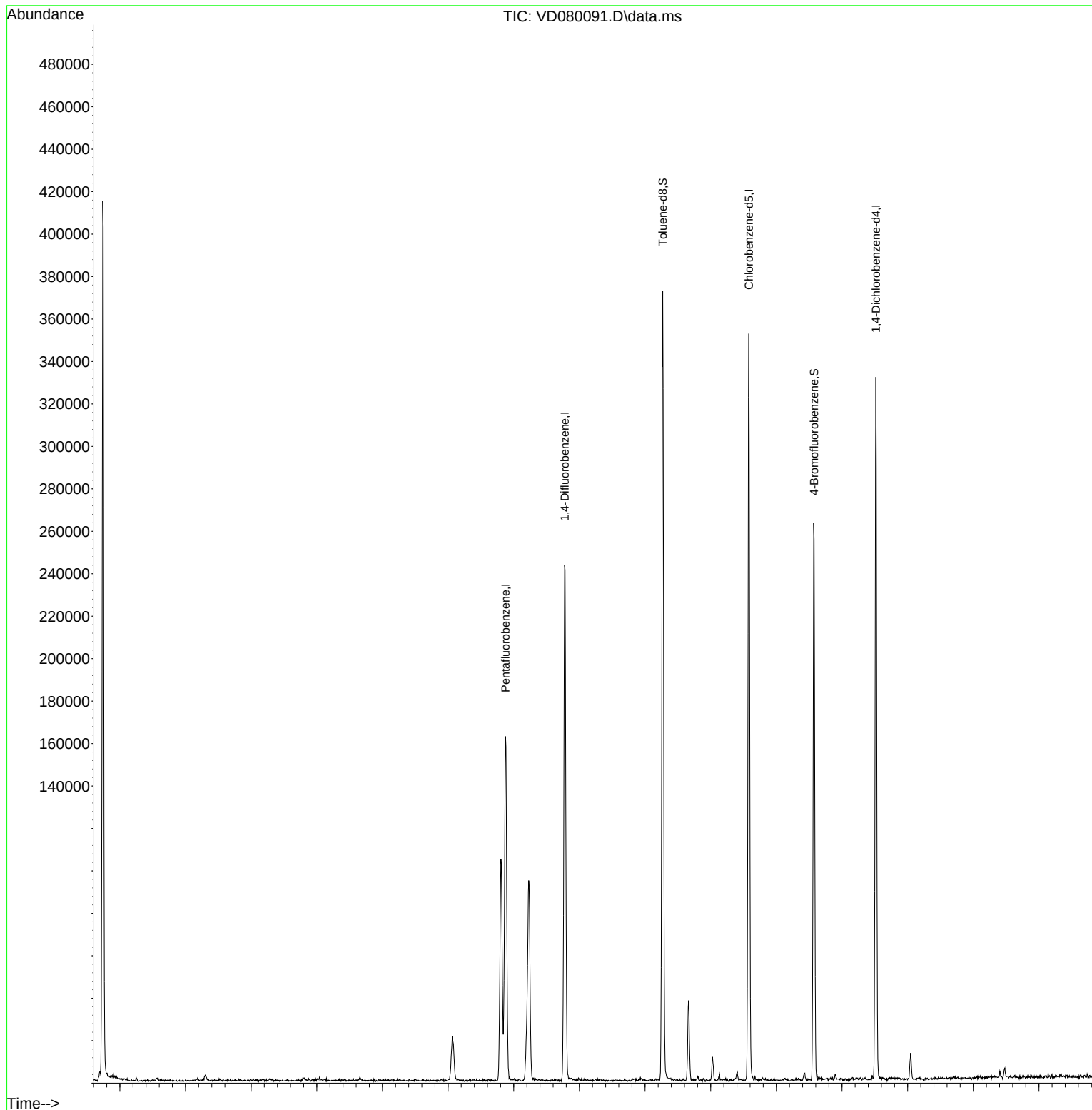
Qvalue

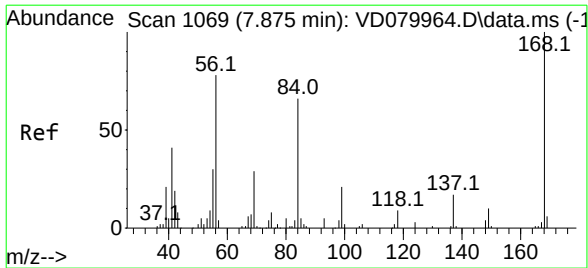
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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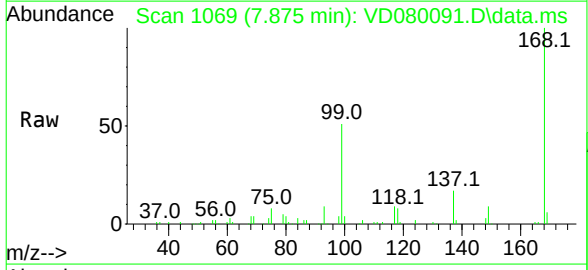
Quant Time: Nov 20 04:40:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 15 16:25:47 2024
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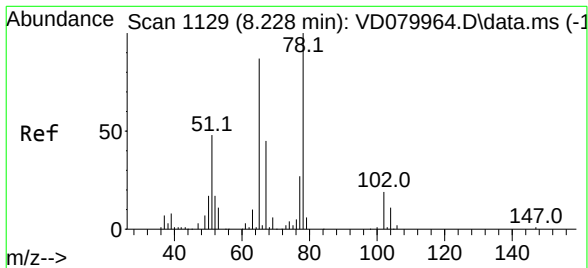
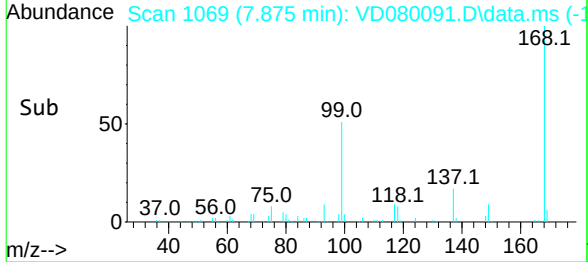
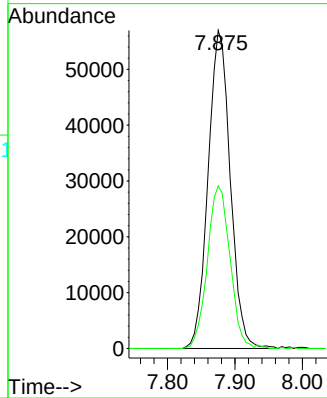


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080091.D
Acq: 19 Nov 2024 18:46

Instrument :
MSVOA_D
ClientSampleId :
COMP-3

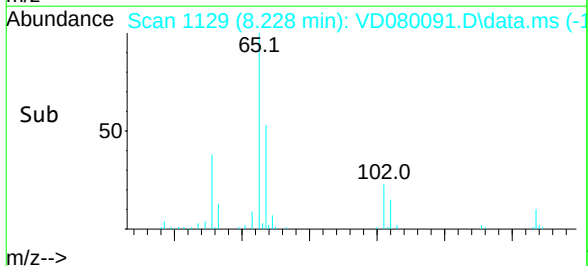
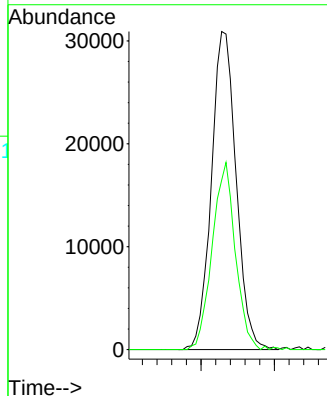
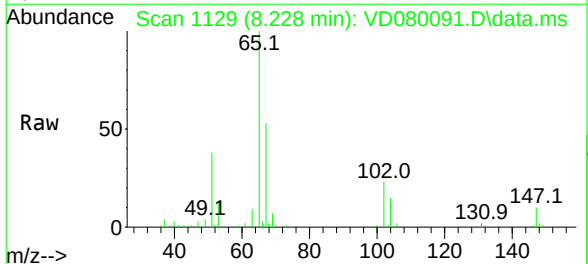


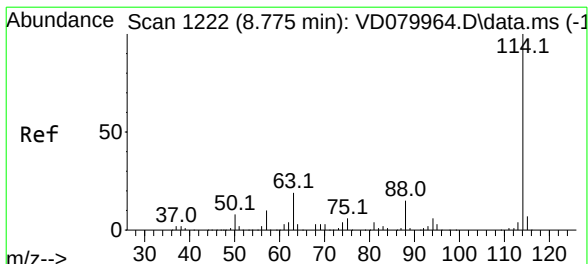
Tgt Ion:168 Resp: 130139
Ion Ratio Lower Upper
168 100
99 51.1 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 54.100 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD080091.D
Acq: 19 Nov 2024 18:46

Tgt Ion: 65 Resp: 72489
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.2

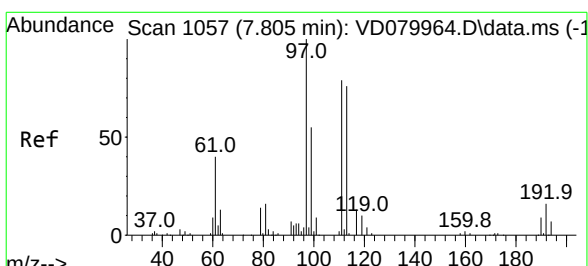
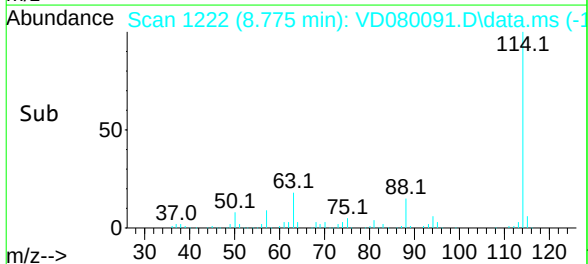
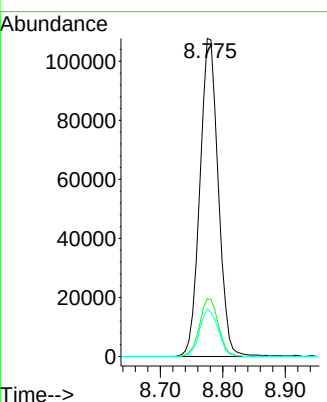
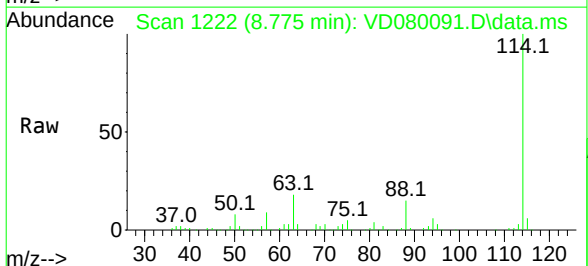




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VD080091.D
 Acq: 19 Nov 2024 18:46

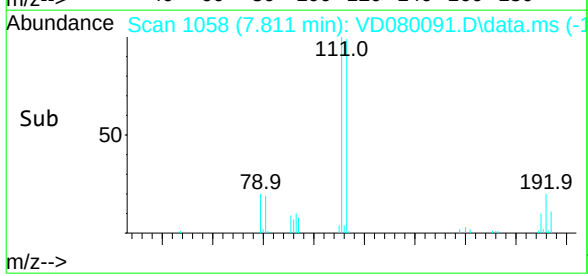
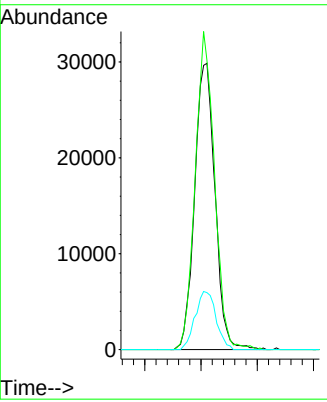
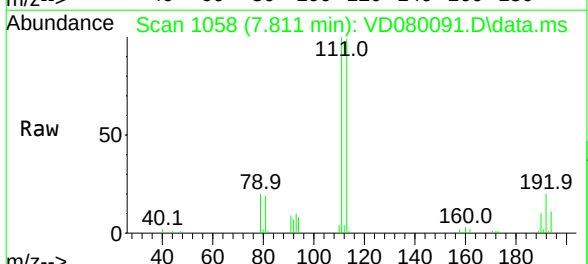
Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-3

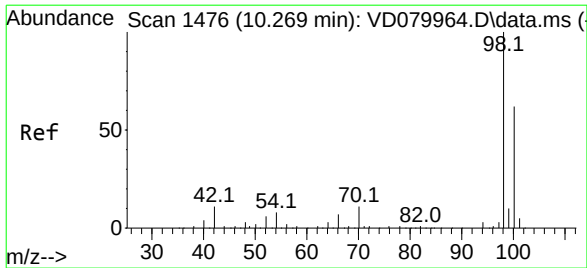
Tgt Ion:	114	Resp:	219862
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	38.8
88	14.9	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 51.354 ug/l
 RT: 7.811 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VD080091.D
 Acq: 19 Nov 2024 18:46

Tgt Ion:	113	Resp:	75144
Ion	Ratio	Lower	Upper
113	100		
111	105.3	82.5	123.7
192	20.8	16.6	25.0





#50

Toluene-d8

Concen: 47.674 ug/l

RT: 10.269 min Scan# 14

Delta R.T. 0.000 min

Lab File: VD080091.D

Acq: 19 Nov 2024 18:46

Instrument :

MSVOA_D

ClientSampleId :

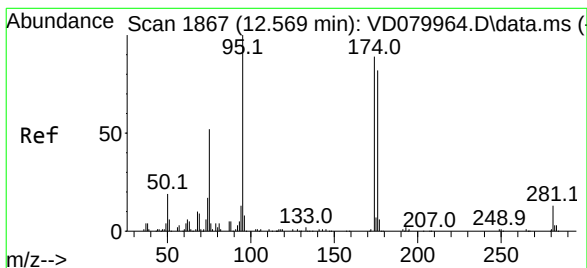
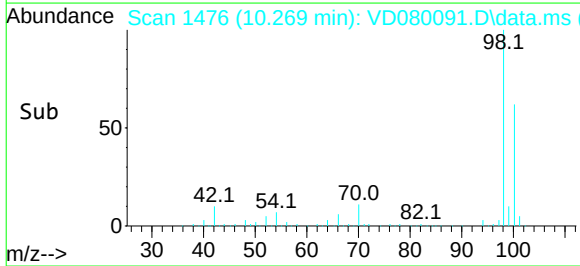
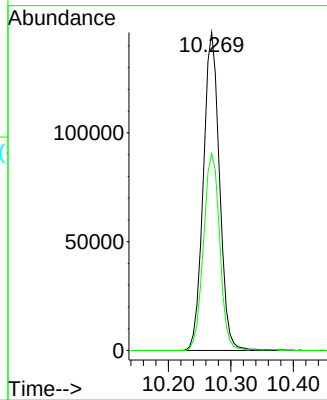
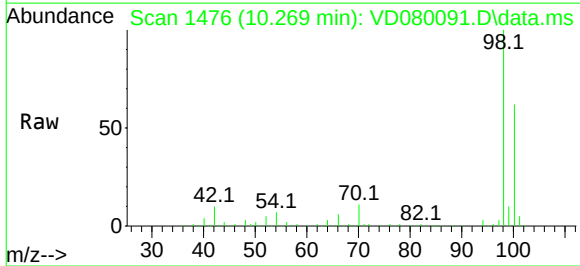
COMP-3

Tgt Ion: 98 Resp: 262921

Ion Ratio Lower Upper

98 100

100 62.1 50.2 75.4



#62

4-Bromofluorobenzene

Concen: 42.397 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD080091.D

Acq: 19 Nov 2024 18:46

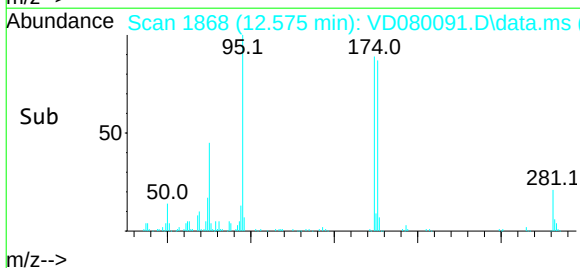
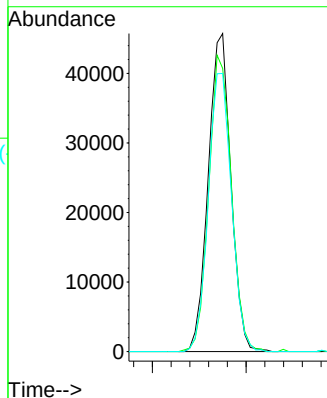
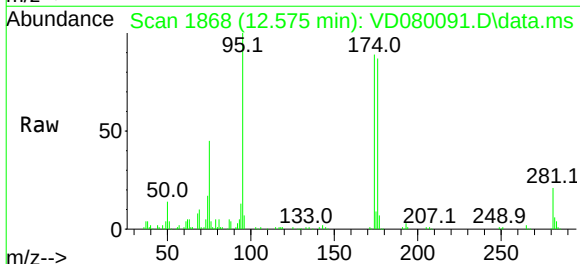
Tgt Ion: 95 Resp: 76713

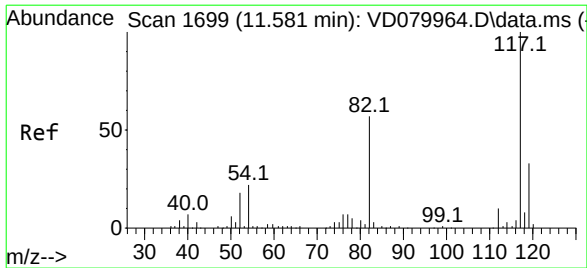
Ion Ratio Lower Upper

95 100

174 93.4 0.0 173.4

176 89.8 0.0 166.6

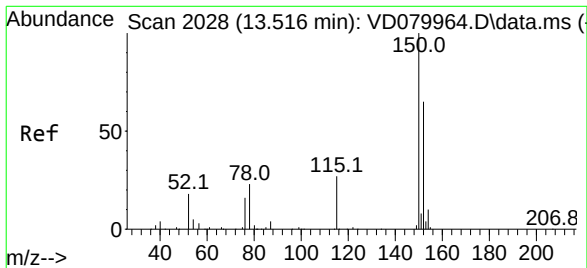
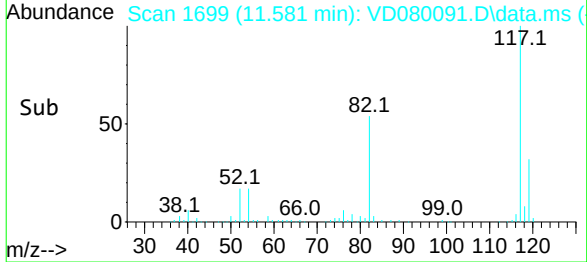
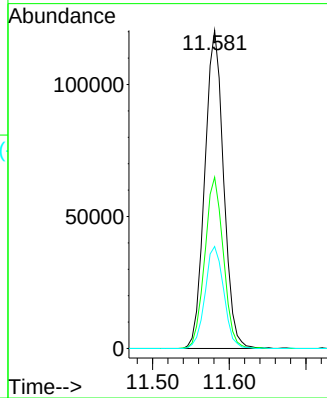
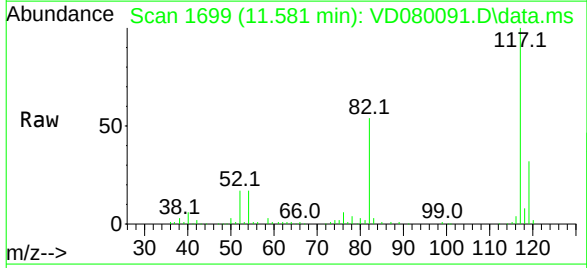




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080091.D
Acq: 19 Nov 2024 18:46

Instrument :
MSVOA_D
ClientSampleId :
COMP-3

Tgt Ion:117 Resp: 205065
Ion Ratio Lower Upper
117 100
82 53.8 45.8 68.6
119 32.1 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: VD080091.D
Acq: 19 Nov 2024 18:46

Tgt Ion:152 Resp: 93603
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.8
150 156.0 0.0 354.8

