

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080048.D
 Acq On : 17 Nov 2024 18:01
 Operator : RP/MD
 Sample : P4824-01
 Misc : 5.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-20

Quant Time: Nov 18 04:26:41 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	16585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	32256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	35905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	14825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	19200	112.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	224.880%#
35) Dibromofluoromethane	7.804	113	15442	71.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.860%
50) Toluene-d8	10.269	98	41172	50.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.575	95	14013	52.788	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.580%

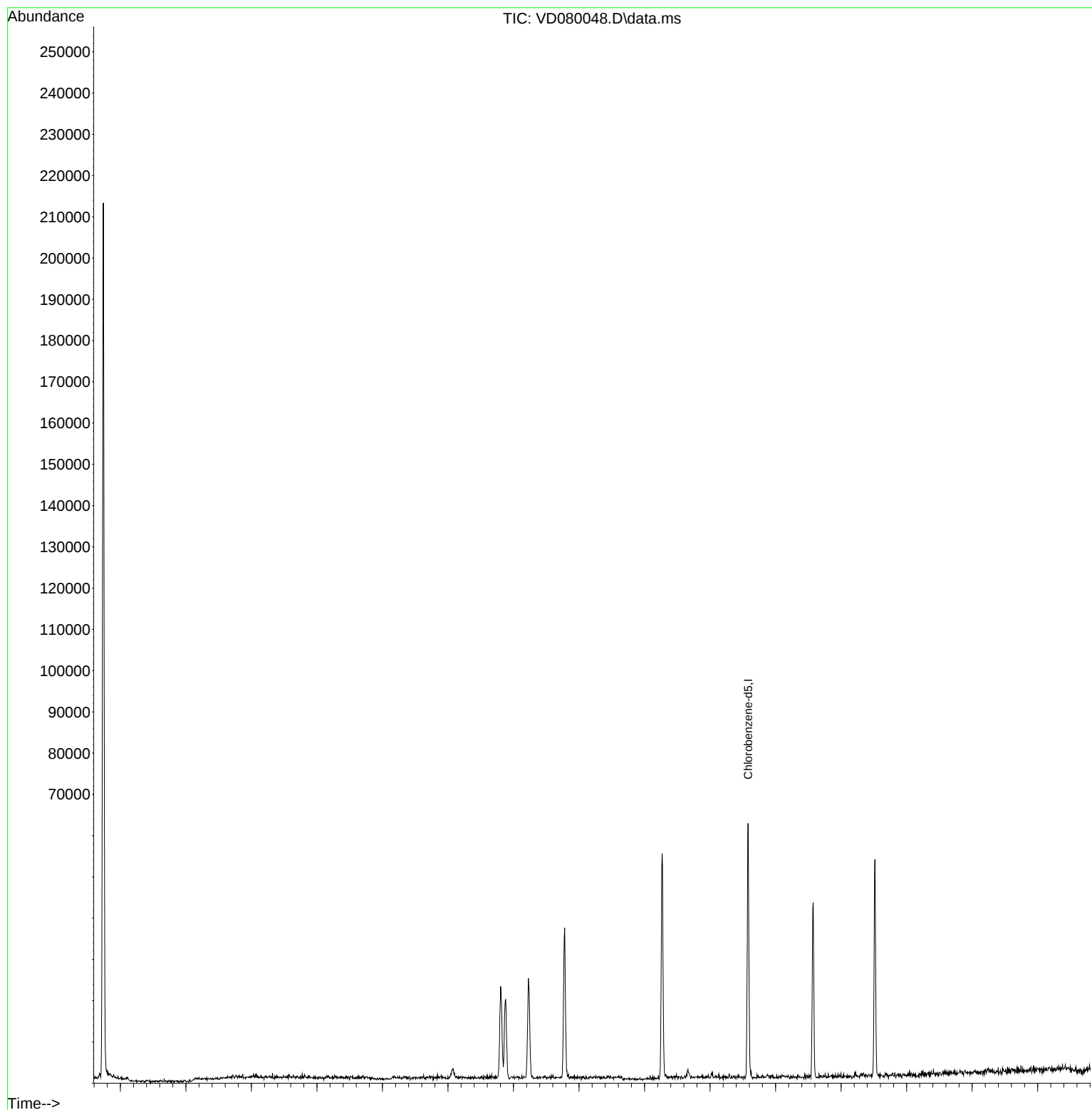
Target Compounds	Qvalue

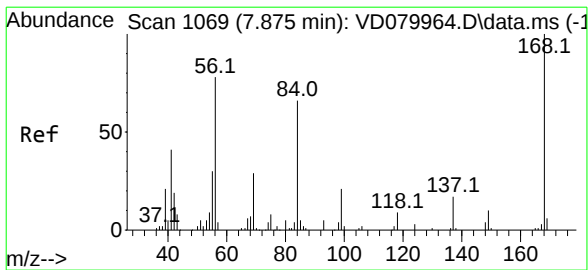
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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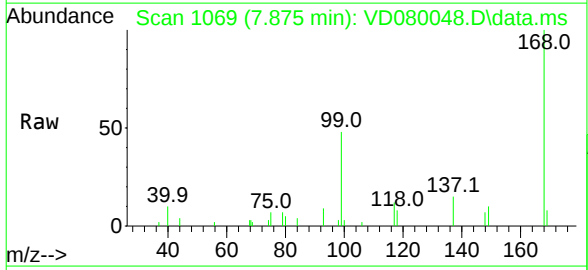
Quant Time: Nov 18 04:26:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
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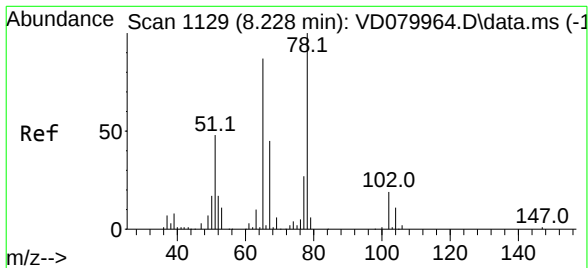
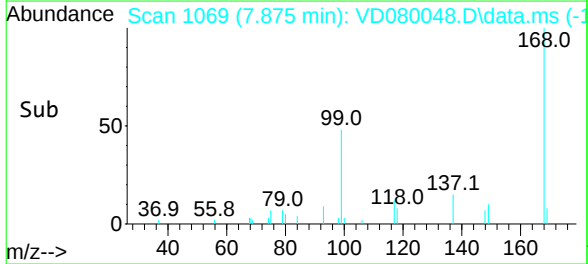
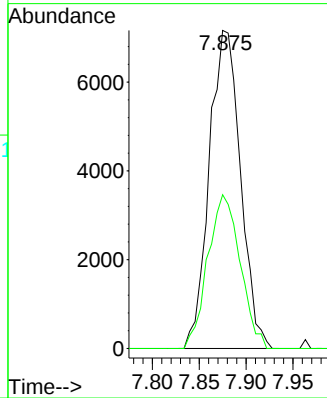


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD080048.D
Acq: 17 Nov 2024 18:01

Instrument :
MSVOA_D
ClientSampleId :
T-20

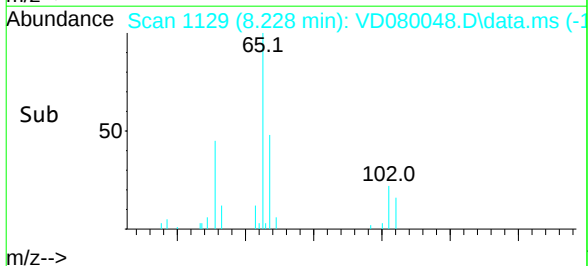
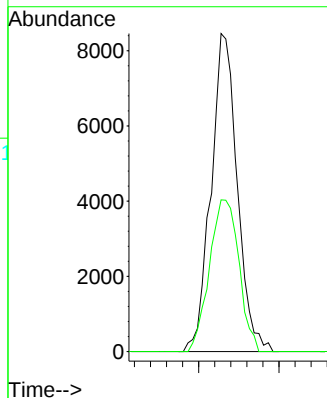
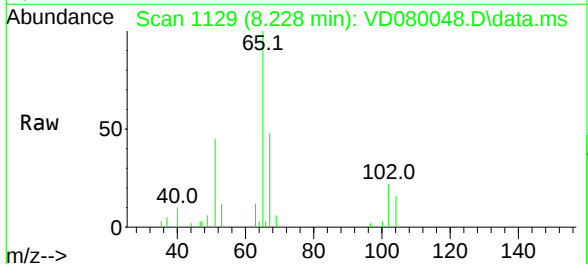


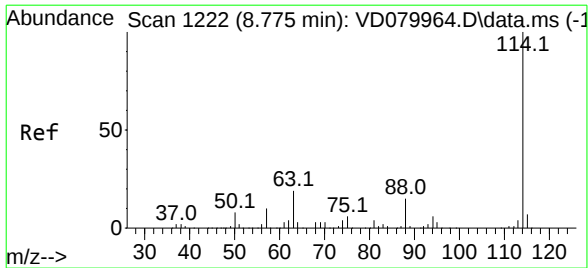
Tgt Ion:168 Resp: 16585
Ion Ratio Lower Upper
168 100
99 48.3 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 112.439 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD080048.D
Acq: 17 Nov 2024 18:01

Tgt Ion: 65 Resp: 19200
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.2

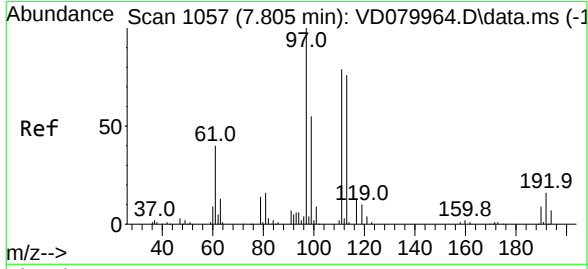
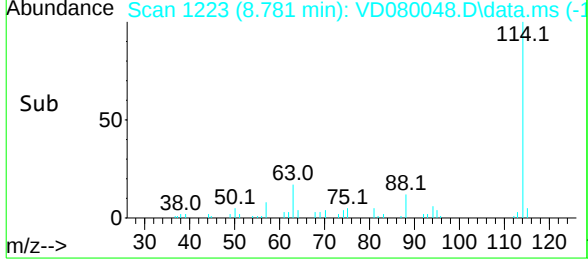
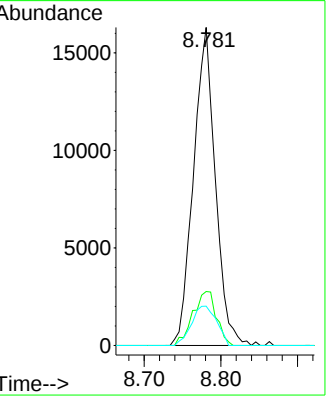
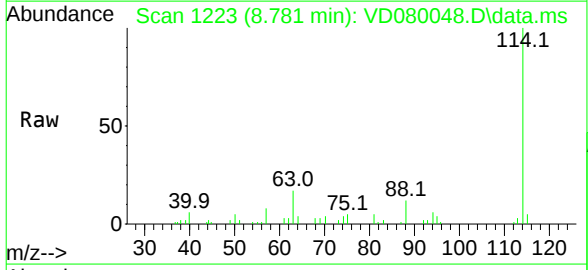




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1222
 Delta R.T. 0.006 min
 Lab File: VD080048.D
 Acq: 17 Nov 2024 18:01

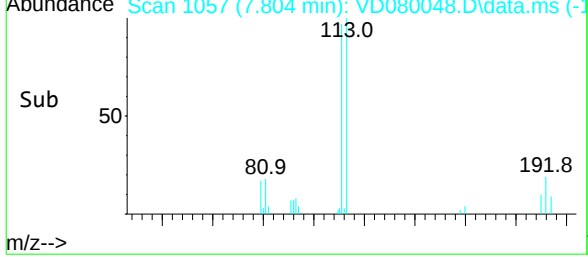
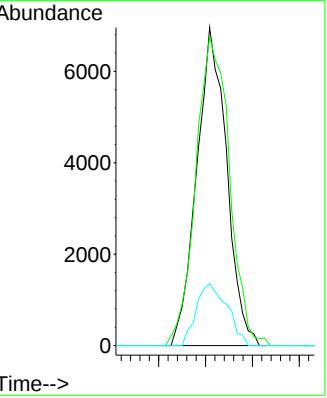
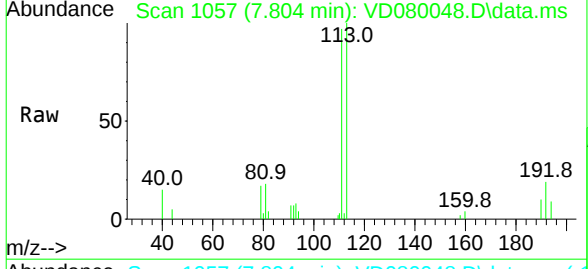
Instrument :
 MSVOA_D
 ClientSampleId :
 T-20

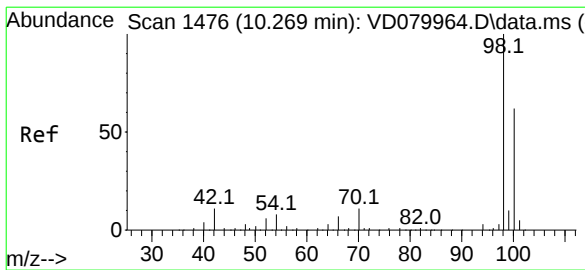
Tgt Ion:	114	Resp:	32256
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	38.8
88	12.4	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 71.932 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.001 min
 Lab File: VD080048.D
 Acq: 17 Nov 2024 18:01

Tgt Ion:	113	Resp:	15442
Ion	Ratio	Lower	Upper
113	100		
111	109.1	82.5	123.7
192	20.1	16.6	25.0





#50

Toluene-d8

Concen: 50.886 ug/l

RT: 10.269 min Scan# 14

Delta R.T. -0.000 min

Lab File: VD080048.D

Acq: 17 Nov 2024 18:01

Instrument :

MSVOA_D

ClientSampleId :

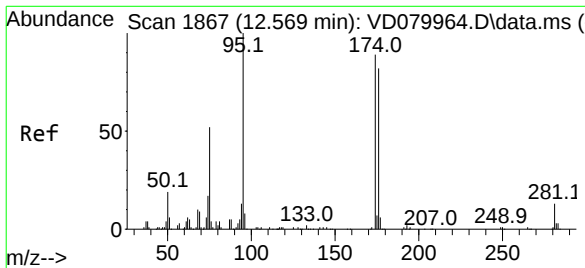
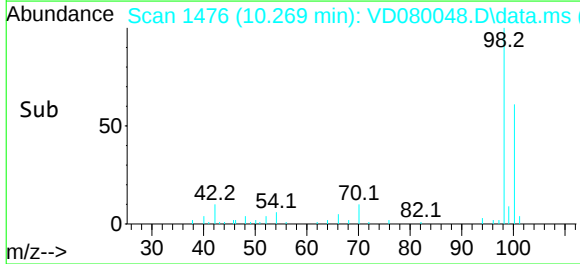
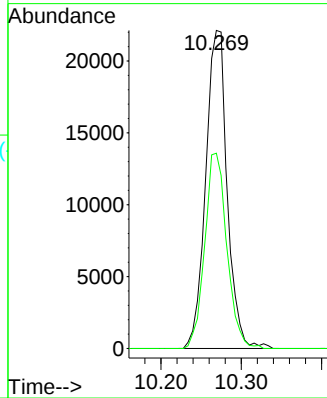
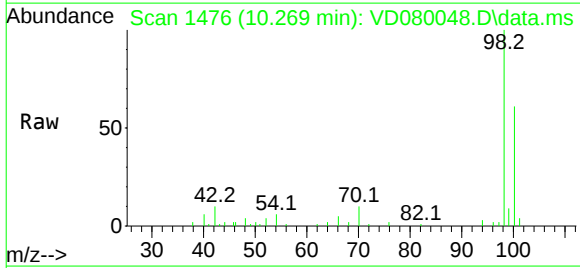
T-20

Tgt Ion: 98 Resp: 41172

Ion Ratio Lower Upper

98 100

100 63.2 50.2 75.4



#62

4-Bromofluorobenzene

Concen: 52.788 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD080048.D

Acq: 17 Nov 2024 18:01

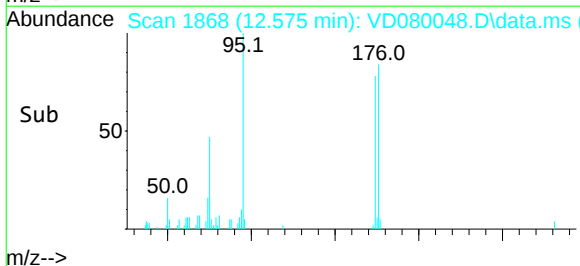
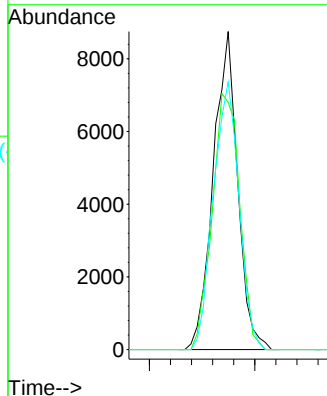
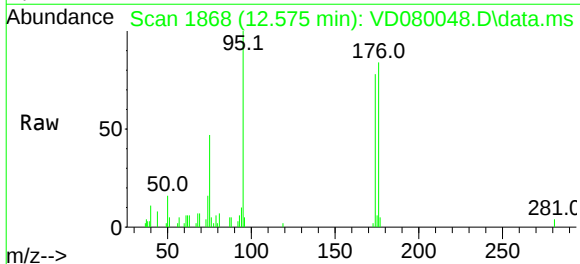
Tgt Ion: 95 Resp: 14013

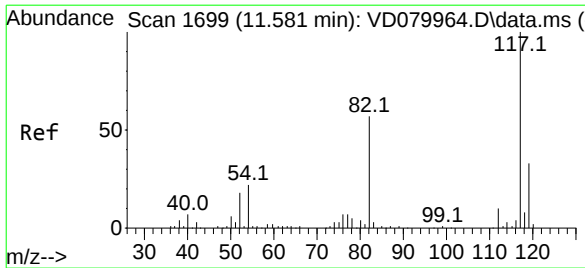
Ion Ratio Lower Upper

95 100

174 91.1 0.0 173.4

176 88.9 0.0 166.6

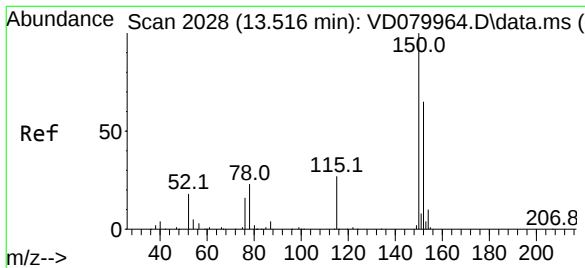
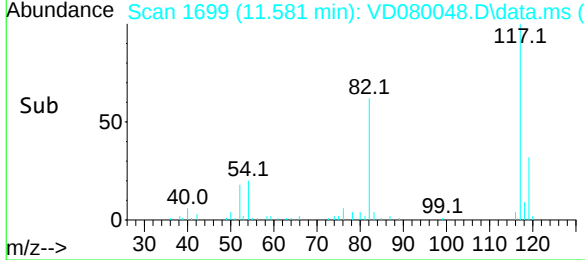
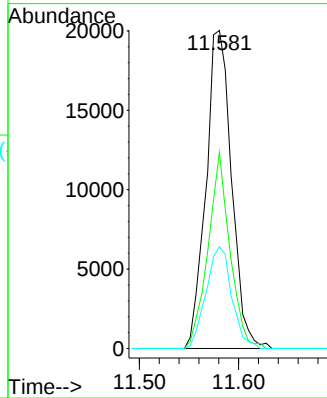
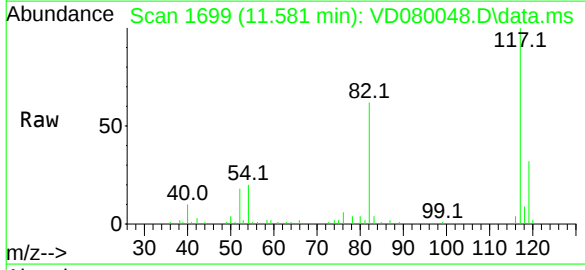




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080048.D
Acq: 17 Nov 2024 18:01

Instrument :
MSVOA_D
ClientSampleId :
T-20

Tgt Ion:117 Resp: 35905
Ion Ratio Lower Upper
117 100
82 61.7 45.8 68.6
119 32.0 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: VD080048.D
Acq: 17 Nov 2024 18:01

Tgt Ion:152 Resp: 14825
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.8
150 158.1 0.0 354.8

