

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076415.D
 Acq On : 14 Jun 2023 13:34
 Operator : KP/SY
 Sample : 03214-01
 Misc : 4.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HYATT-PIPE-TP

Quant Time: Jun 15 05:31:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	42386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	81759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	90736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	48145	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41978	85.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.480%#
35) Dibromofluoromethane	7.805	113	41882	79.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	158.520%#
50) Toluene-d8	10.269	98	92027	45.956	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.920%
62) 4-Bromofluorobenzene	12.575	95	48077	69.984	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	139.960%

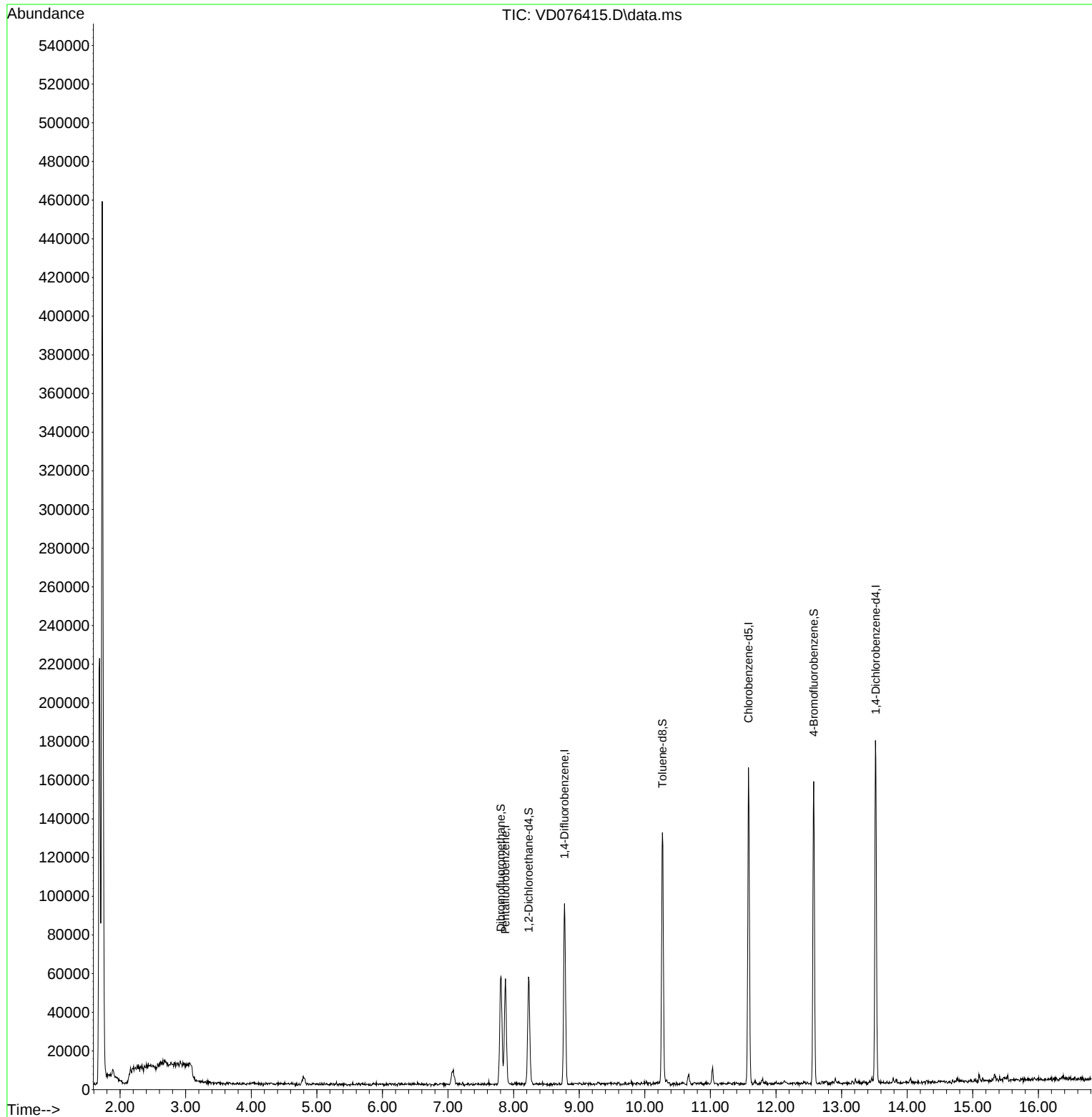
Target Compounds	Qvalue

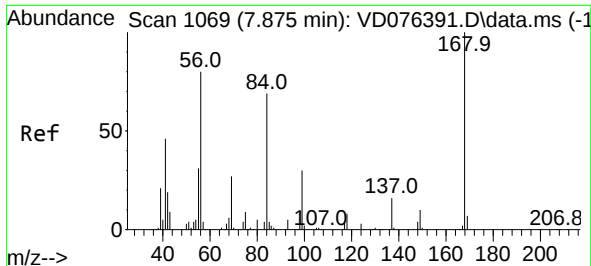
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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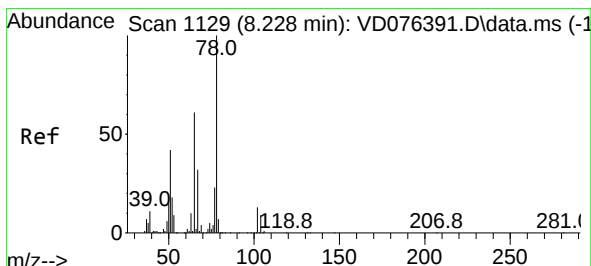
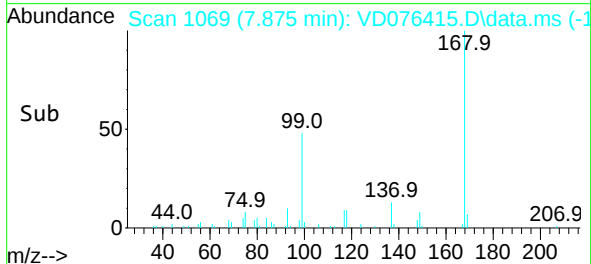
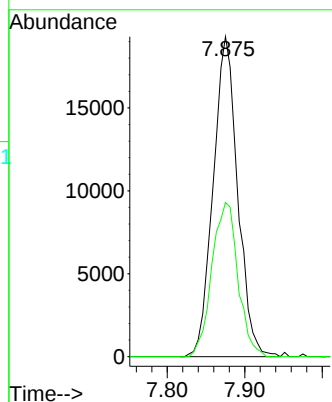
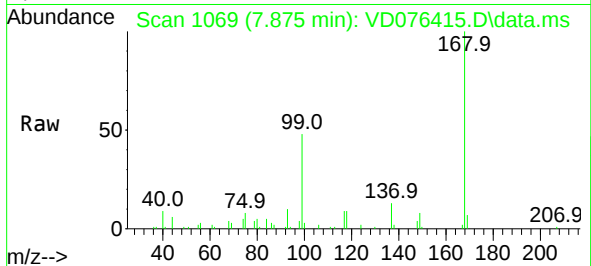




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

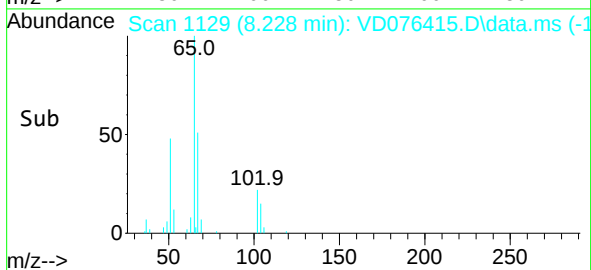
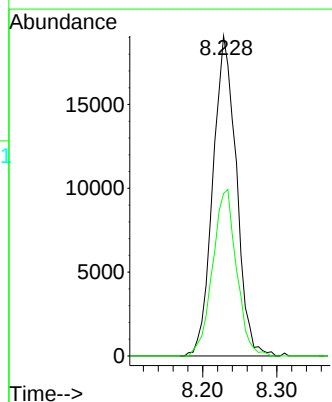
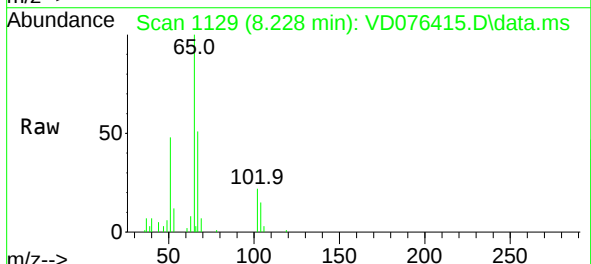
Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

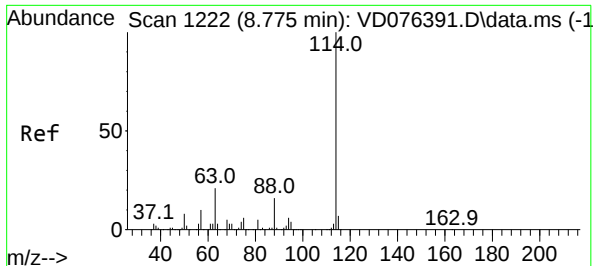
Tgt Ion:168 Resp: 42386
Ion Ratio Lower Upper
168 100
99 48.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 85.744 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

Tgt Ion: 65 Resp: 41978
Ion Ratio Lower Upper
65 100
67 53.0 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: VD076415.D

Acq: 14 Jun 2023 13:34

Instrument :

MSVOA_D

ClientSampleId :

HYATT-PIPE-TP

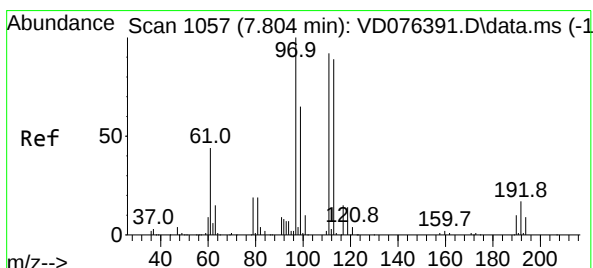
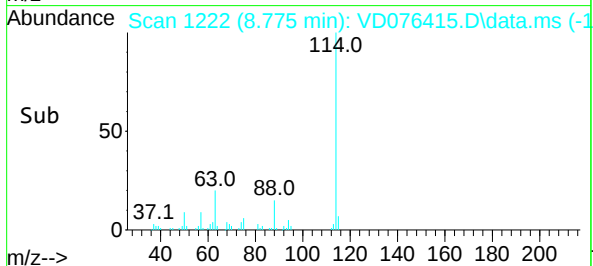
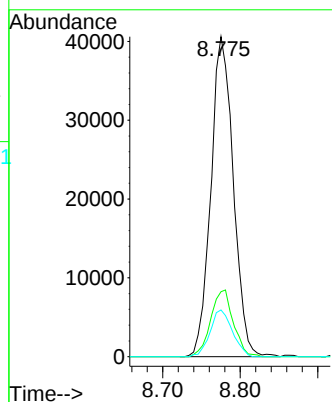
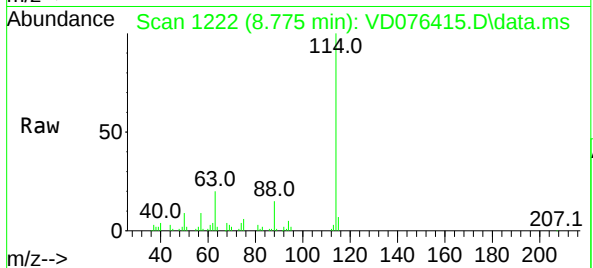
Tgt Ion:114 Resp: 81759

Ion Ratio Lower Upper

114 100

63 20.3 0.0 33.4

88 14.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 79.259 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076415.D

Acq: 14 Jun 2023 13:34

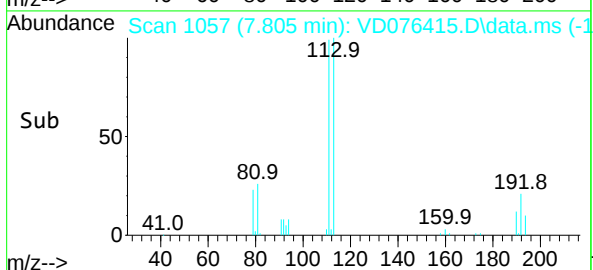
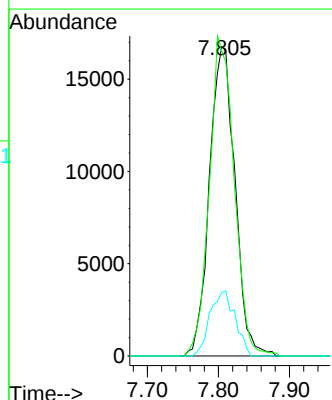
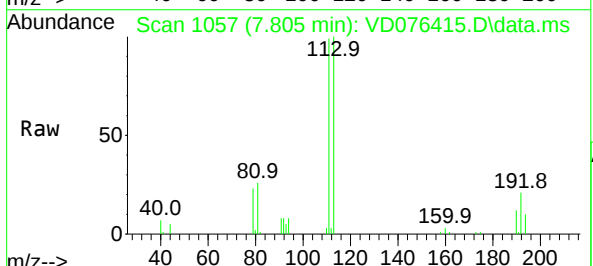
Tgt Ion:113 Resp: 41882

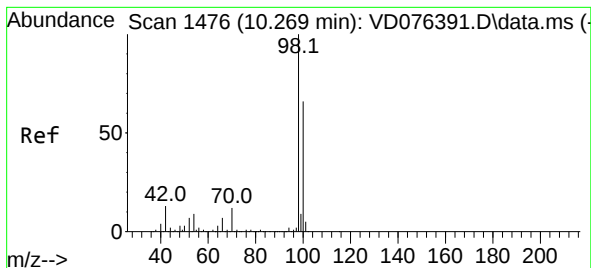
Ion Ratio Lower Upper

113 100

111 100.5 84.7 127.1

192 20.6 16.8 25.2





#50

Toluene-d8

Concen: 45.956 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076415.D

Acq: 14 Jun 2023 13:34

Instrument :

MSVOA_D

ClientSampleId :

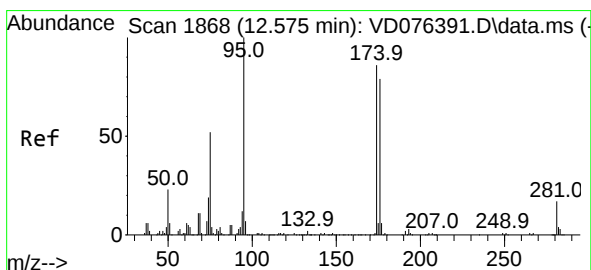
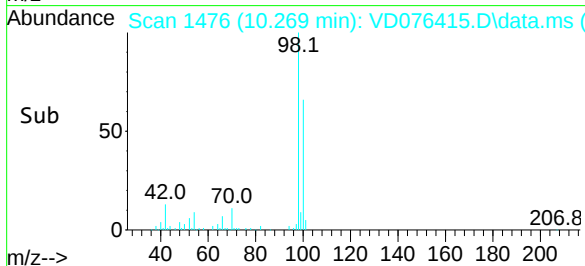
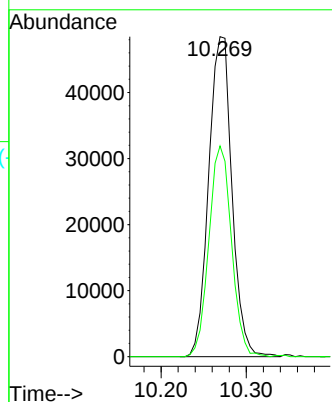
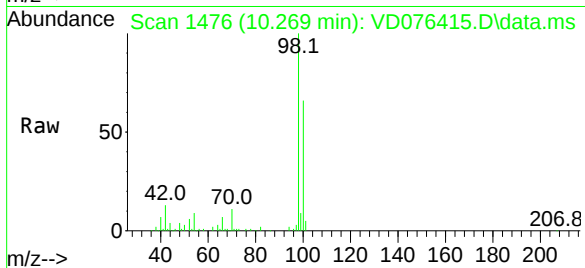
HYATT-PIPE-TP

Tgt Ion: 98 Resp: 92027

Ion Ratio Lower Upper

98 100

100 64.0 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 69.984 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD076415.D

Acq: 14 Jun 2023 13:34

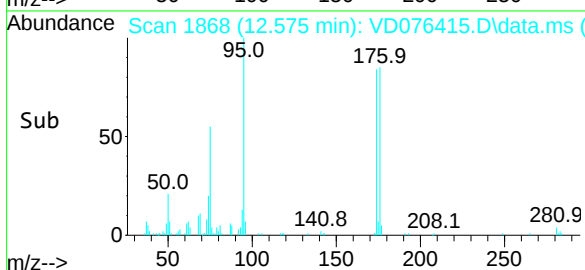
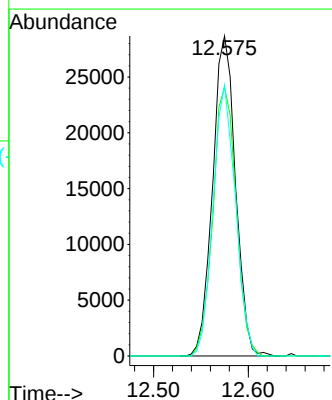
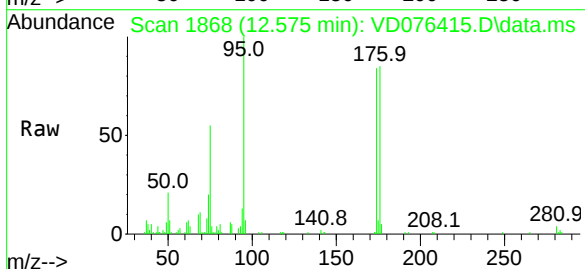
Tgt Ion: 95 Resp: 48077

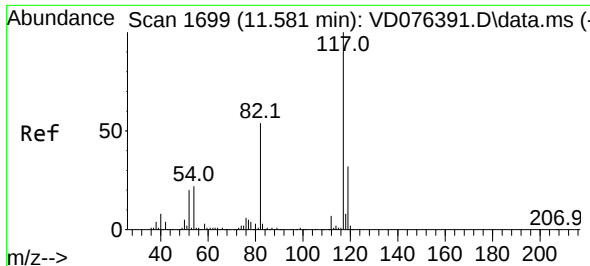
Ion Ratio Lower Upper

95 100

174 85.0 0.0 201.8

176 82.8 0.0 191.8

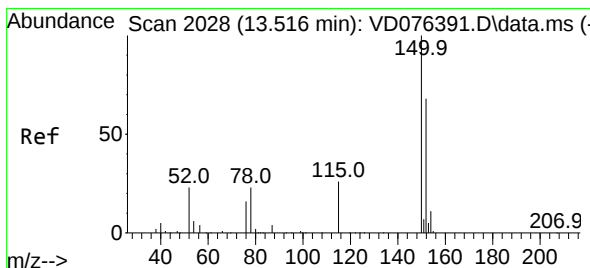
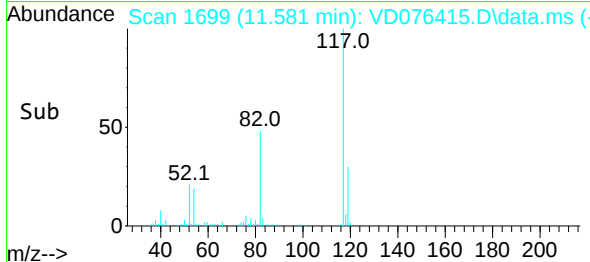
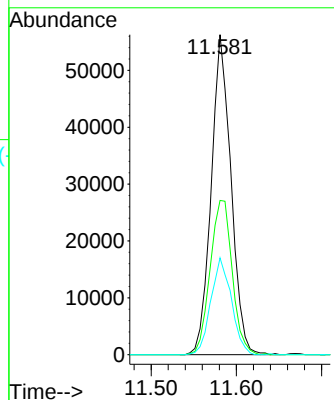
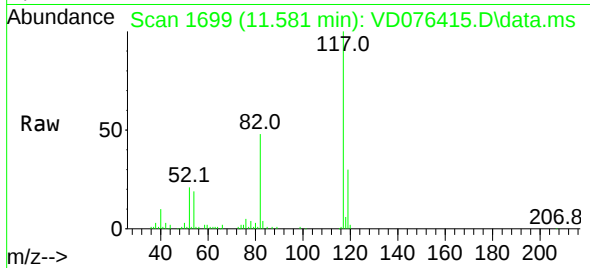




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

Tgt Ion:117 Resp: 90736
Ion Ratio Lower Upper
117 100
82 48.2 38.3 57.5
119 30.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

Tgt Ion:152 Resp: 48145
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 155.7 0.0 353.6

