

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075066.D
 Acq On : 28 Dec 2022 15:24
 Operator : KP/SY
 Sample : N6219-01
 Misc : 3.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RB-21147

Quant Time: Dec 29 03:51:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	253391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	99479	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65216	62.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.240%
35) Dibromofluoromethane	7.810	113	76270	51.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.300%
50) Toluene-d8	10.269	98	310279	51.502	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.575	95	103822	53.194	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.380%

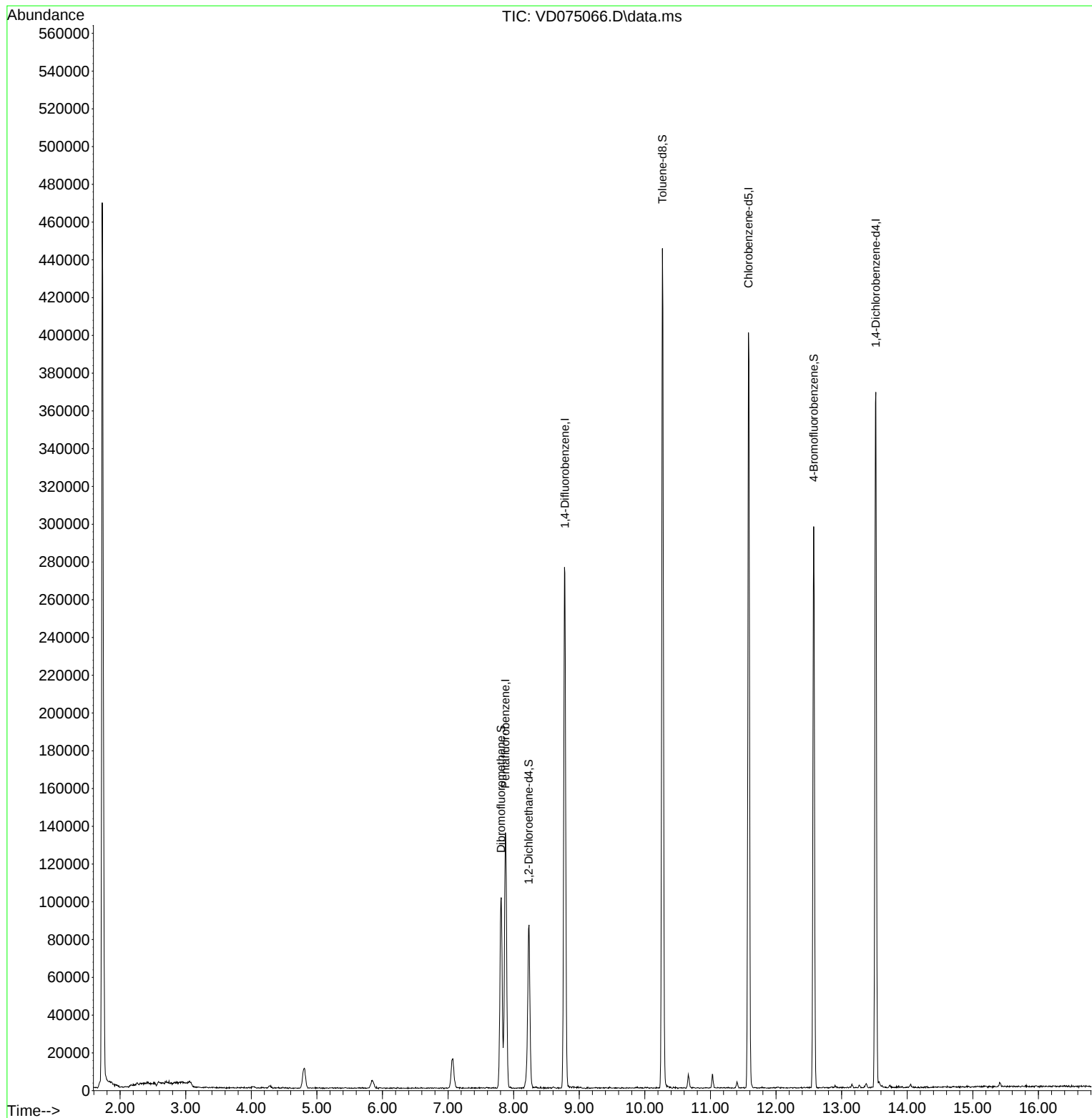
Target Compounds	Qvalue

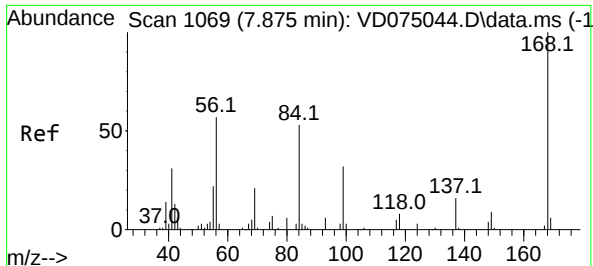
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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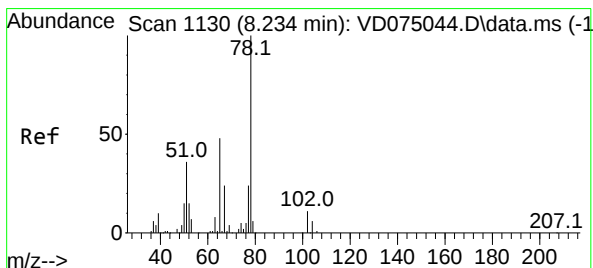
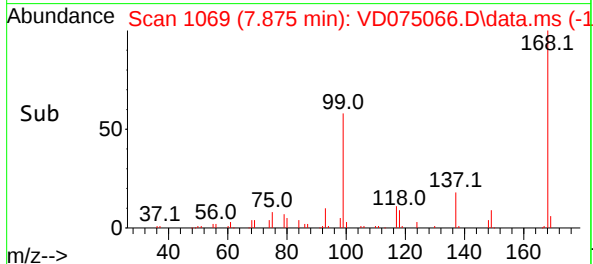
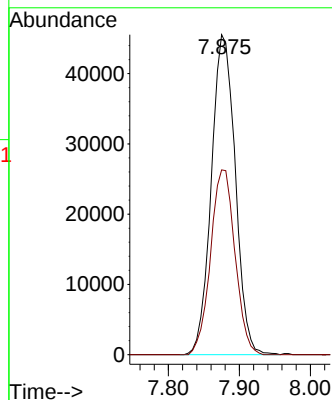
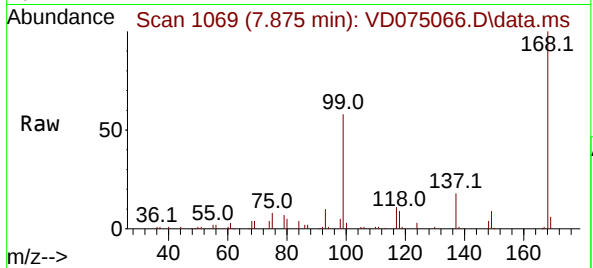




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

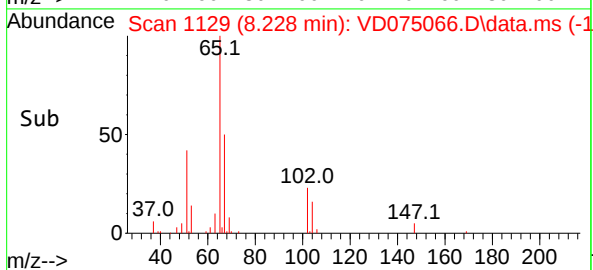
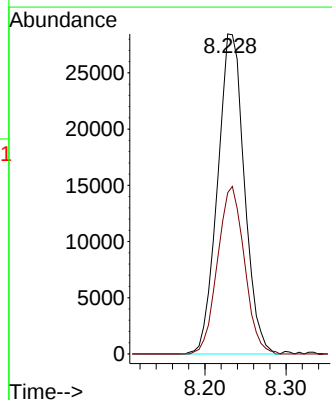
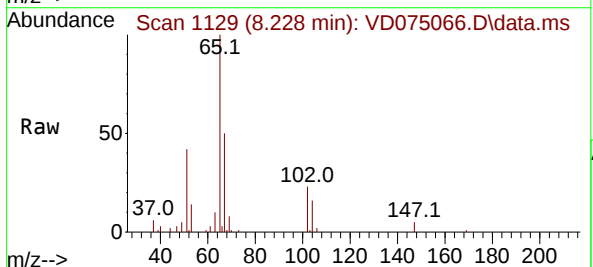
Instrument :
MSVOA_D
ClientSampleId :
RB-21147

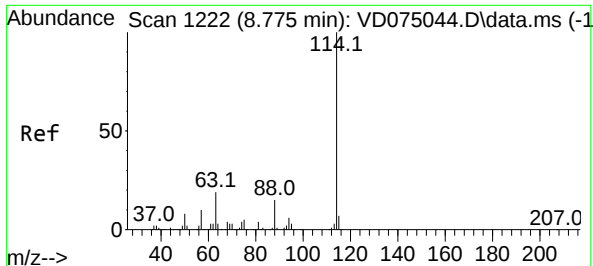
Tgt Ion:168 Resp: 106549
Ion Ratio Lower Upper
168 100
99 57.7 40.3 60.5



#33
1,2-Dichloroethane-d4
Concen: 62.618 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

Tgt Ion: 65 Resp: 65216
Ion Ratio Lower Upper
65 100
67 52.5 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075066.D

Acq: 28 Dec 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

RB-21147

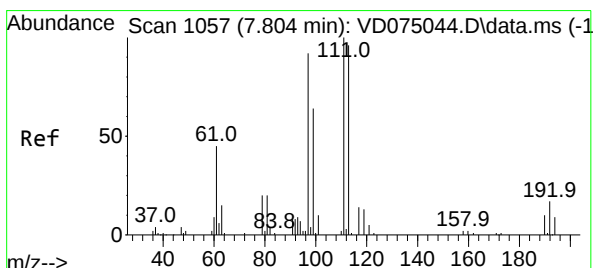
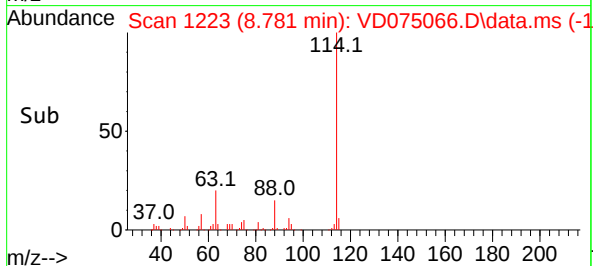
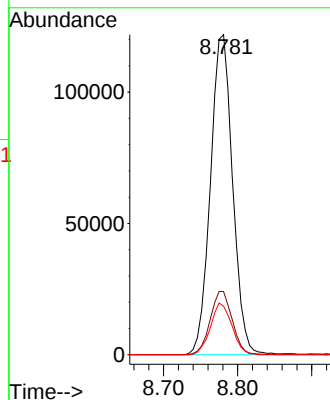
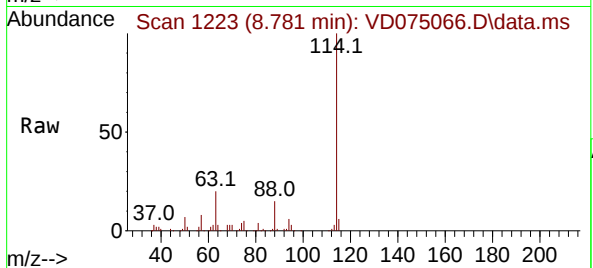
Tgt Ion:114 Resp: 253391

Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.8

88 15.2 0.0 27.8



#35

Dibromofluoromethane

Concen: 51.152 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075066.D

Acq: 28 Dec 2022 15:24

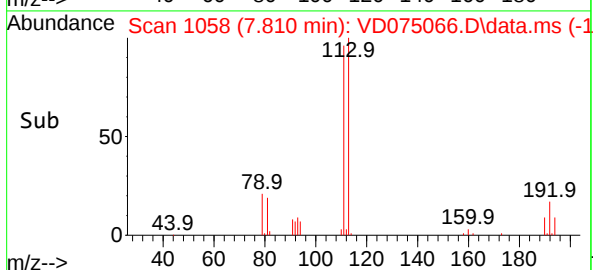
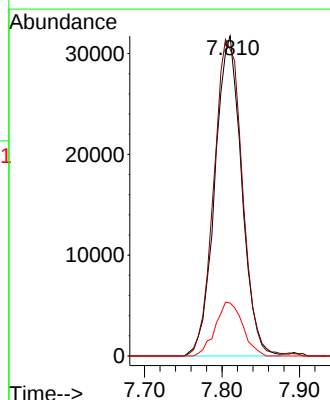
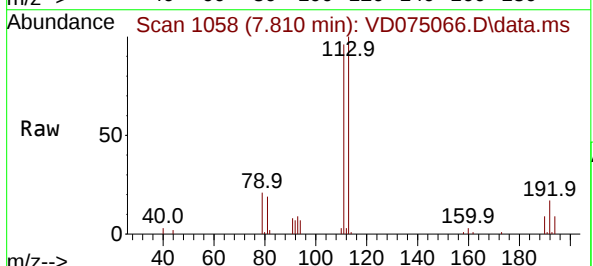
Tgt Ion:113 Resp: 76270

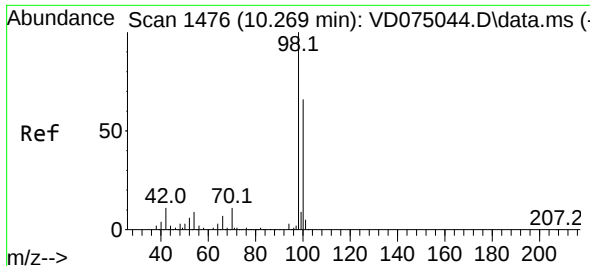
Ion Ratio Lower Upper

113 100

111 104.5 82.1 123.1

192 17.1 15.1 22.7

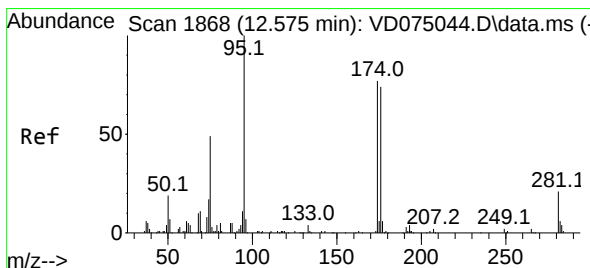
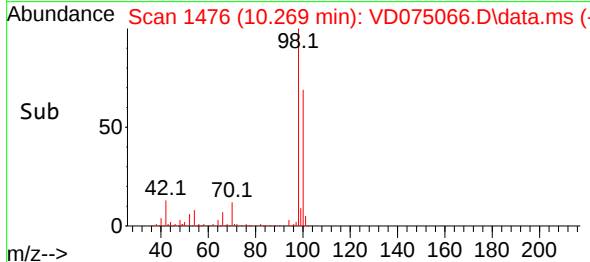
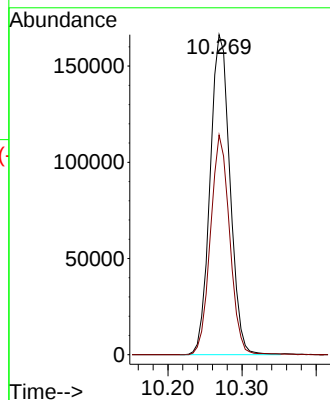
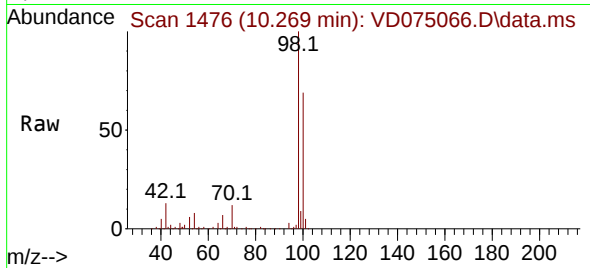




#50
Toluene-d8
Concen: 51.502 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

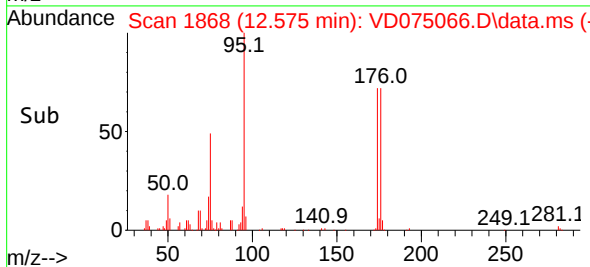
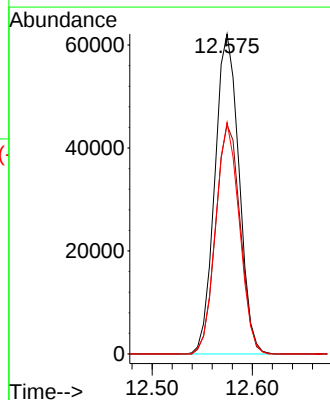
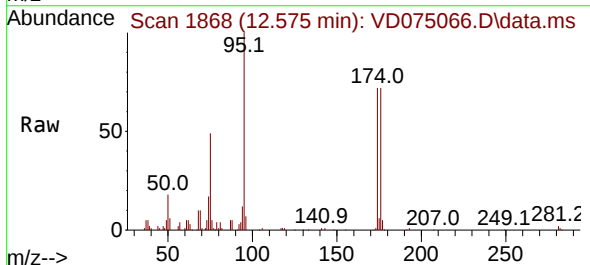
Instrument :
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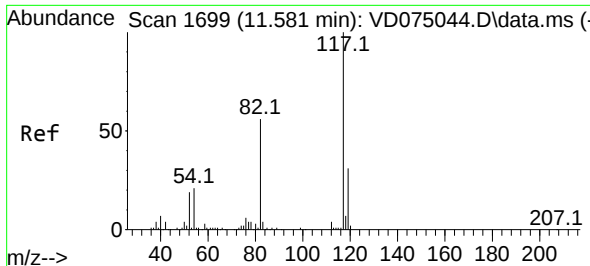
Tgt Ion: 98 Resp: 310279
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 53.194 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

Tgt Ion: 95 Resp: 103822
Ion Ratio Lower Upper
95 100
174 73.0 0.0 171.2
176 71.2 0.0 165.0

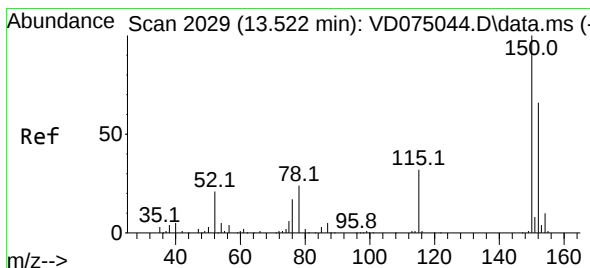
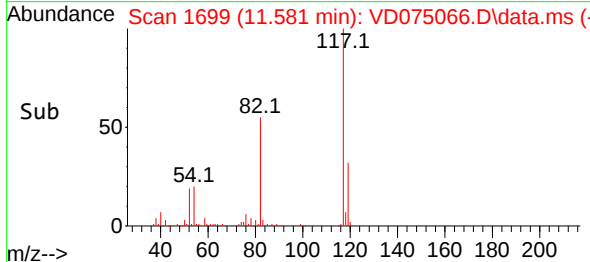
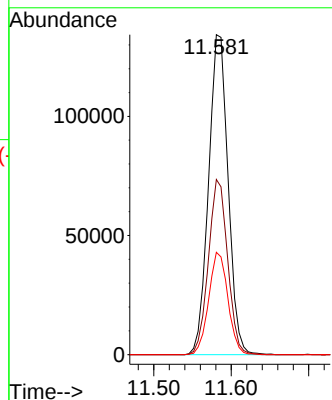
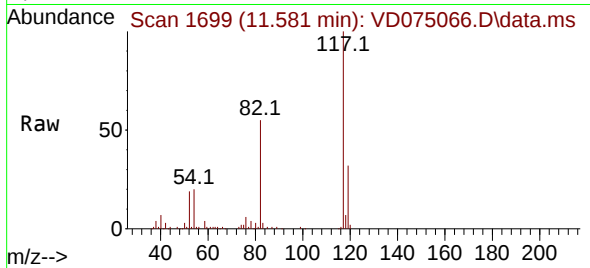




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

Instrument :
MSVOA_D
ClientSampleId :
RB-21147

Tgt Ion:117 Resp: 235437
Ion Ratio Lower Upper
117 100
82 54.7 40.9 61.3
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075066.D
Acq: 28 Dec 2022 15:24

Tgt Ion:152 Resp: 99479
Ion Ratio Lower Upper
152 100
115 61.4 28.8 86.5
150 159.1 0.0 354.2

