

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075735.D
 Acq On : 18 Apr 2023 19:12
 Operator : KP/SY
 Sample : 02270-21
 Misc : 3.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-30-2-4-20230412

Quant Time: Apr 19 01:24:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	227317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	454754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	413265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	166945	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	120537	55.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.720%
35) Dibromofluoromethane	7.804	113	151748	49.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.269	98	581543	47.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.960%
62) 4-Bromofluorobenzene	12.575	95	148342	45.564	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.120%

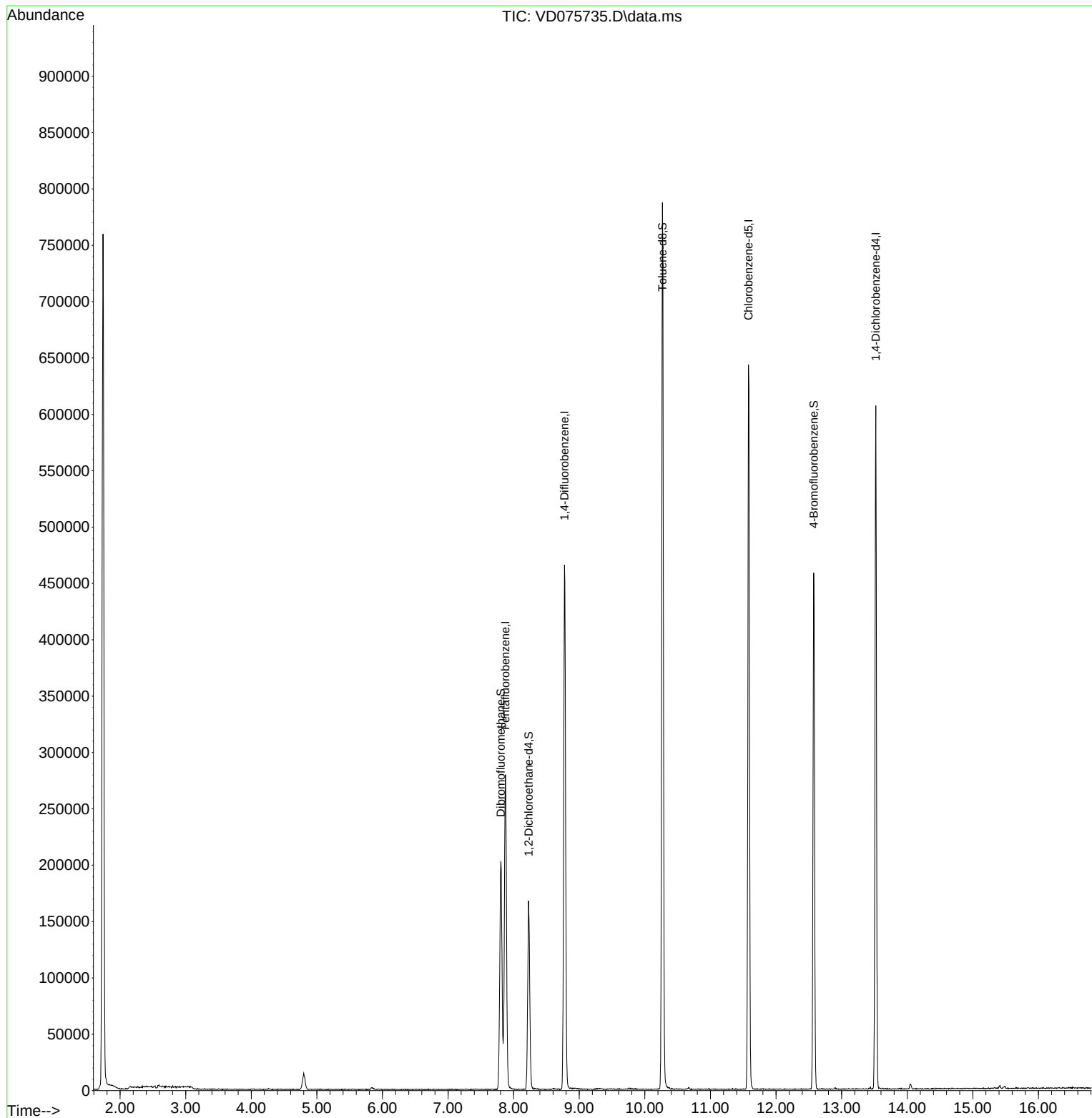
Target Compounds	Qvalue

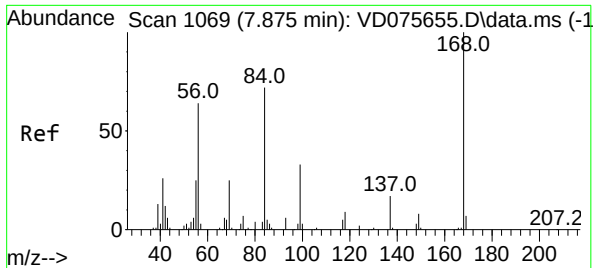
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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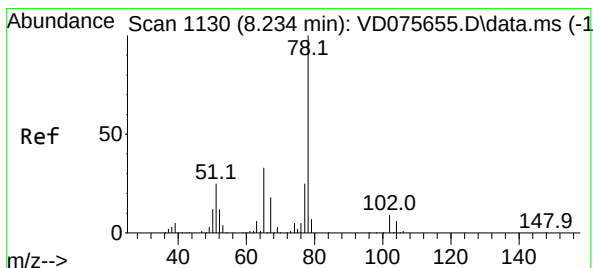
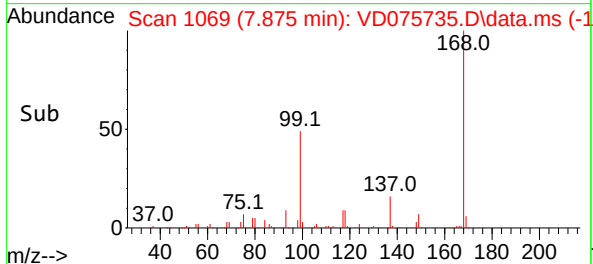
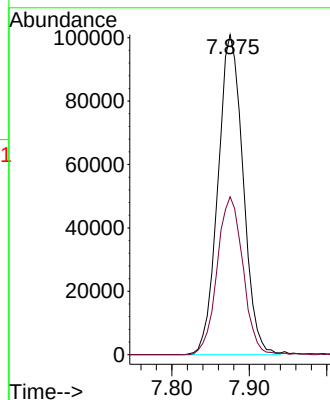
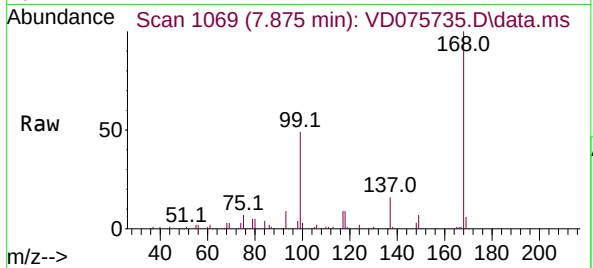




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

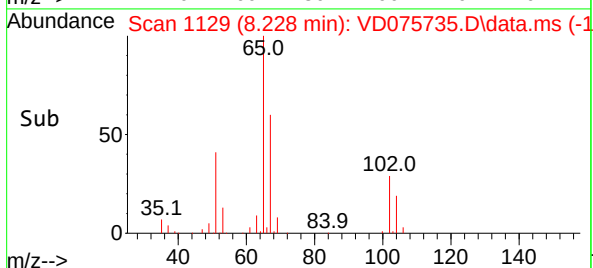
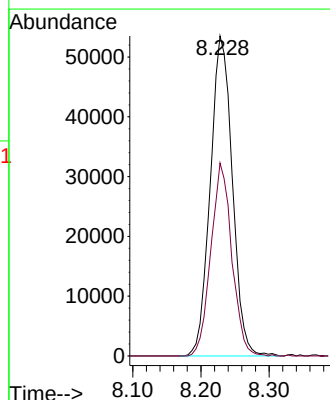
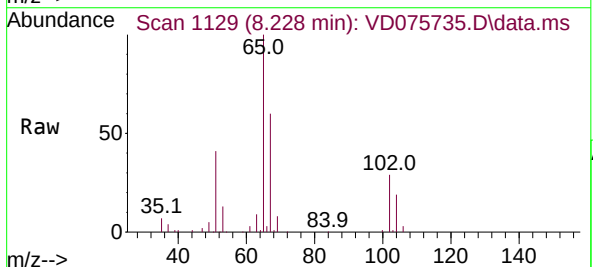
Instrument :
MSVOA_D
ClientSampleId :
SB-30-2-4-20230412

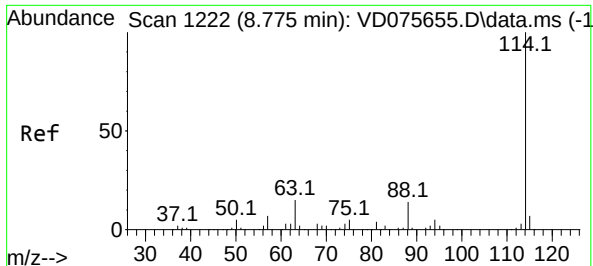
Tgt Ion:168 Resp: 227317
Ion Ratio Lower Upper
168 100
99 49.3 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 55.864 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

Tgt Ion: 65 Resp: 120537
Ion Ratio Lower Upper
65 100
67 57.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075735.D

Acq: 18 Apr 2023 19:12

Instrument :

MSVOA_D

ClientSampleId :

SB-30-2-4-20230412

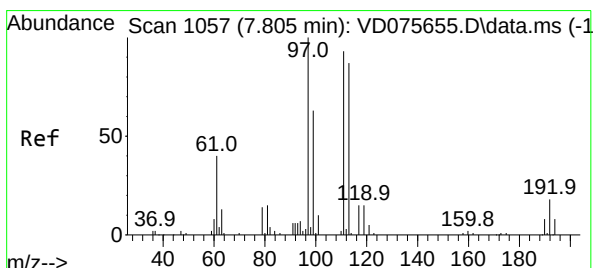
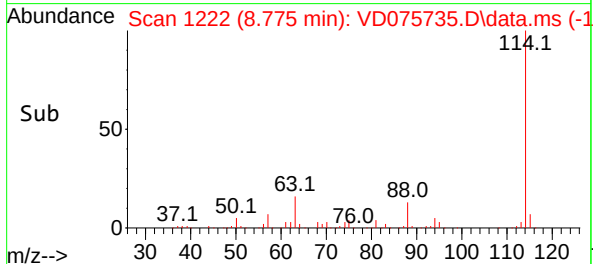
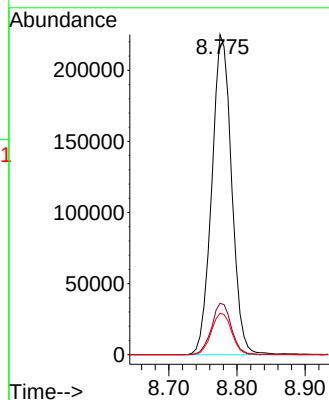
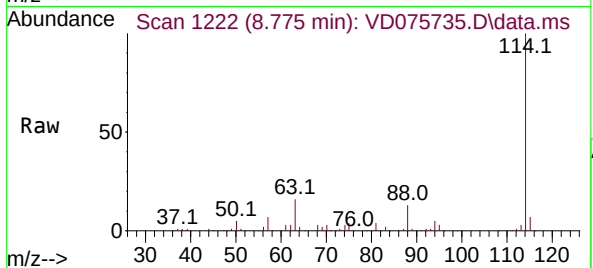
Tgt Ion:114 Resp: 454754

Ion Ratio Lower Upper

114 100

63 16.1 0.0 41.6

88 12.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.612 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075735.D

Acq: 18 Apr 2023 19:12

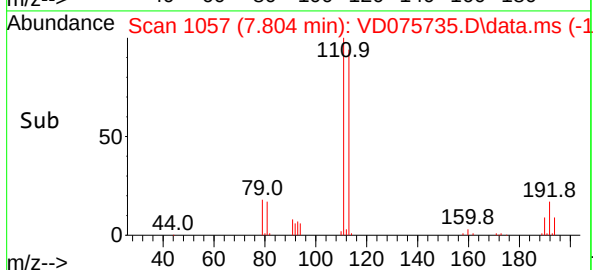
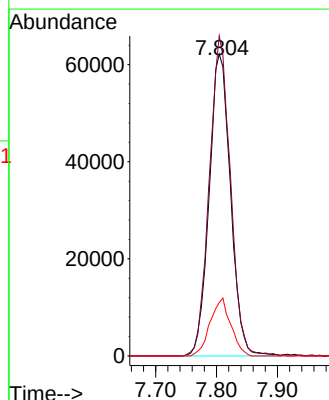
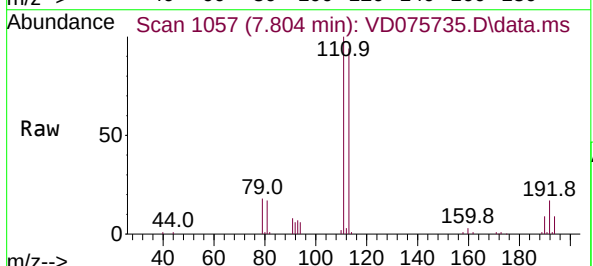
Tgt Ion:113 Resp: 151748

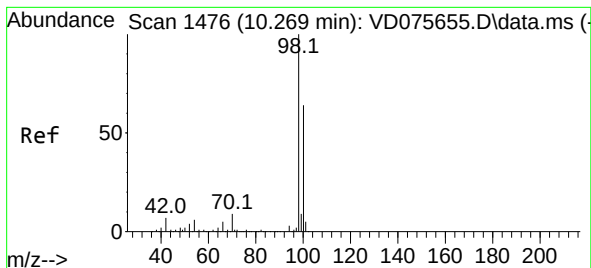
Ion Ratio Lower Upper

113 100

111 104.7 81.4 122.0

192 18.5 15.2 22.8





#50

Toluene-d8

Concen: 47.478 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075735.D

Acq: 18 Apr 2023 19:12

Instrument :

MSVOA_D

ClientSampleId :

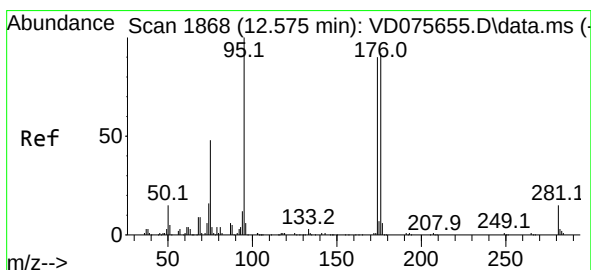
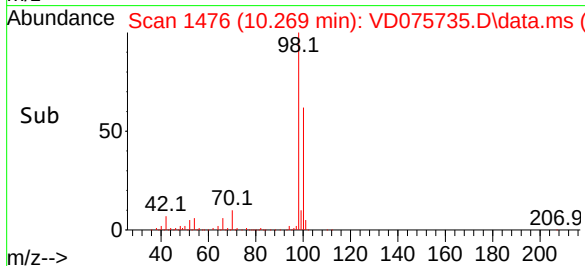
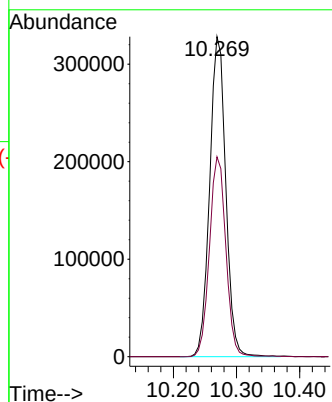
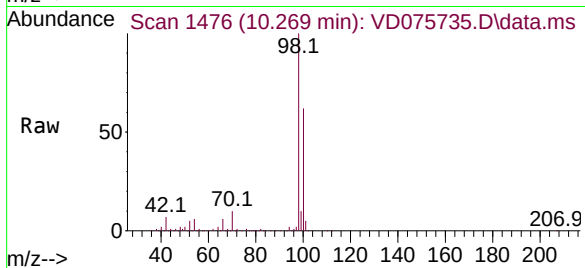
SB-30-2-4-20230412

Tgt Ion: 98 Resp: 581543

Ion Ratio Lower Upper

98 100

100 63.6 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 45.564 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075735.D

Acq: 18 Apr 2023 19:12

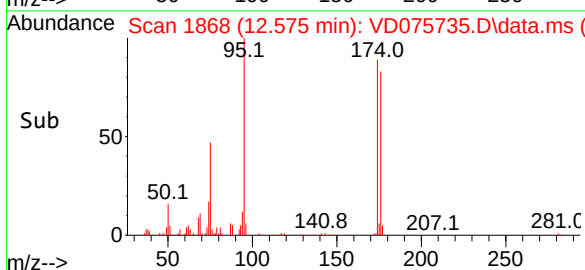
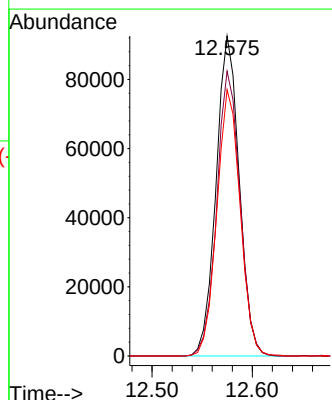
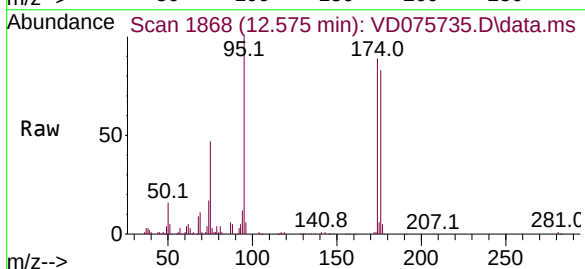
Tgt Ion: 95 Resp: 148342

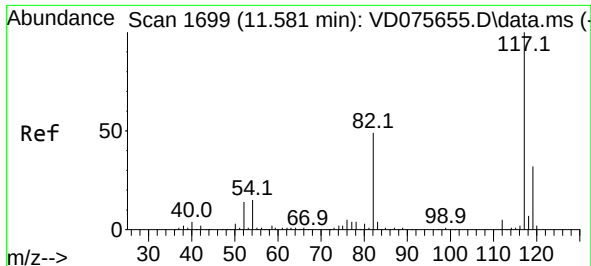
Ion Ratio Lower Upper

95 100

174 89.1 0.0 164.0

176 83.6 0.0 156.8

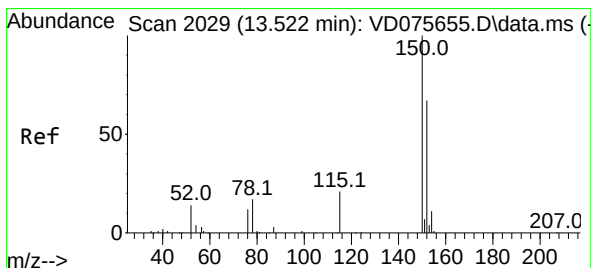
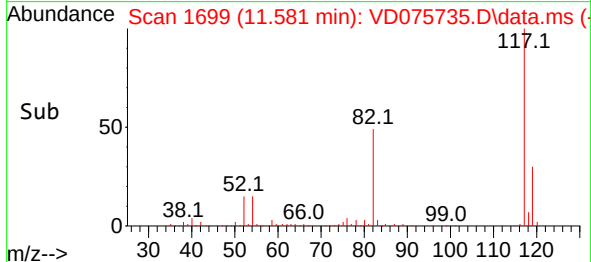
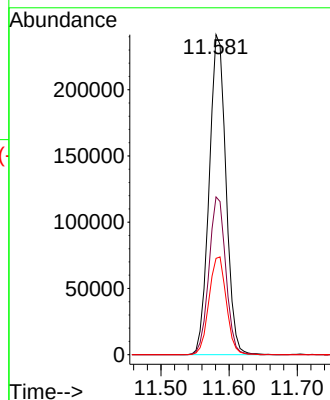
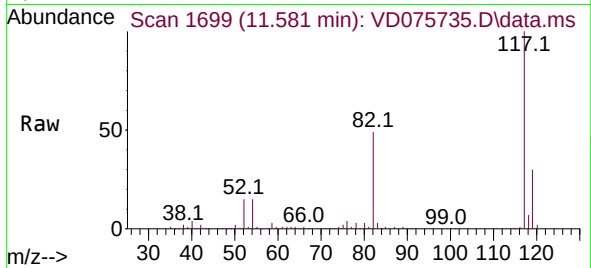




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

Instrument :
MSVOA_D
ClientSampleId :
SB-30-2-4-20230412

Tgt Ion:117 Resp: 413265
Ion Ratio Lower Upper
117 100
82 49.3 44.0 66.0
119 30.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075735.D
Acq: 18 Apr 2023 19:12

Tgt Ion:152 Resp: 166945
Ion Ratio Lower Upper
152 100
115 55.2 30.1 90.3
150 160.9 0.0 364.8

