

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075733.D
 Acq On : 18 Apr 2023 18:13
 Operator : KP/SY
 Sample : 02270-19
 Misc : 2.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-31-16-18-20230412

Quant Time: Apr 19 01:24:43 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	222532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	437791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	389111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	150246	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	116733	55.265	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.520%
35) Dibromofluoromethane	7.804	113	146397	49.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.440%
50) Toluene-d8	10.269	98	546124	46.314	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.620%
62) 4-Bromofluorobenzene	12.575	95	130822	41.740	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.480%

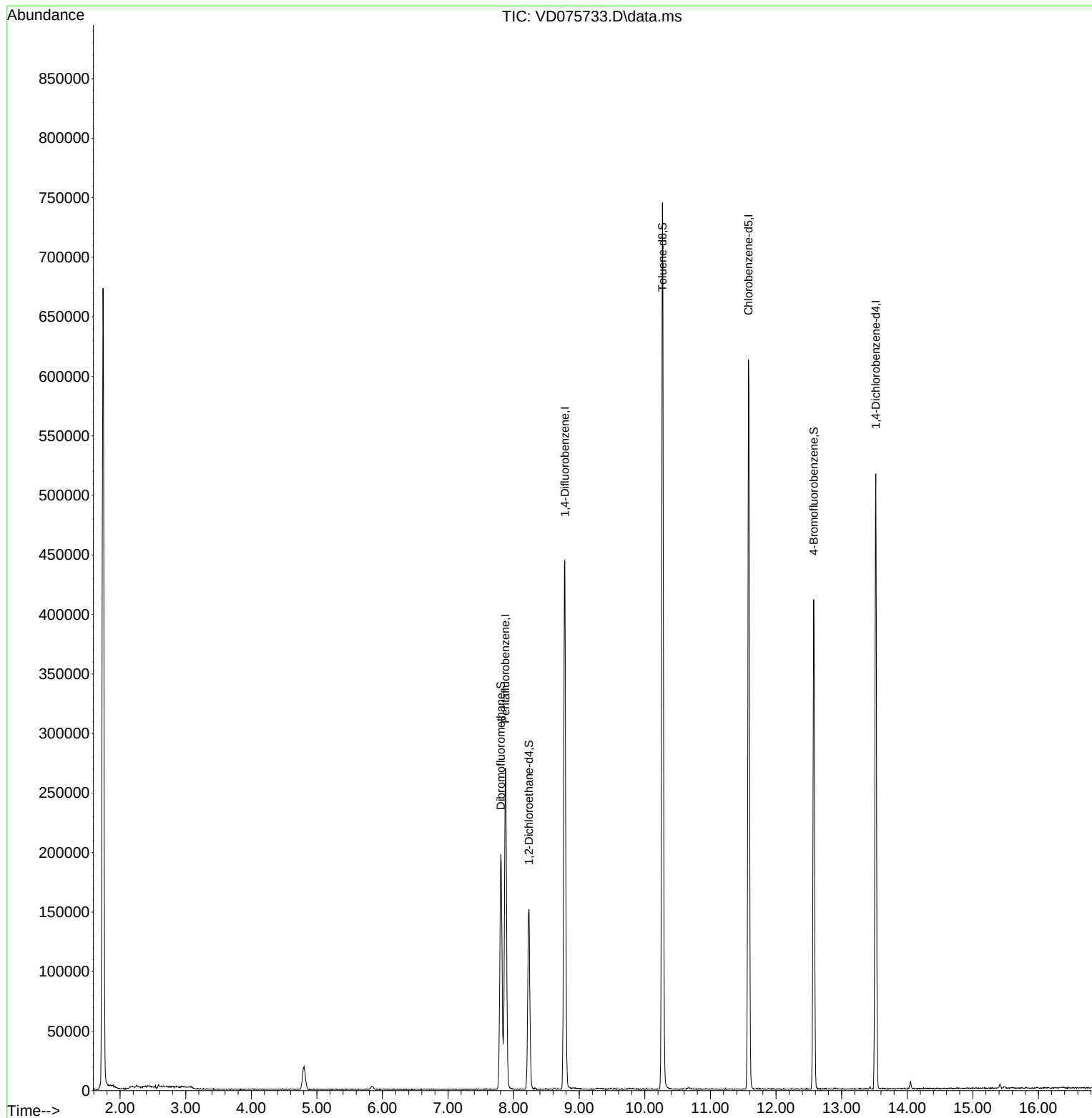
Target Compounds	Qvalue

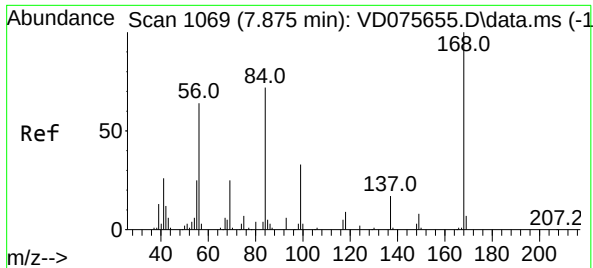
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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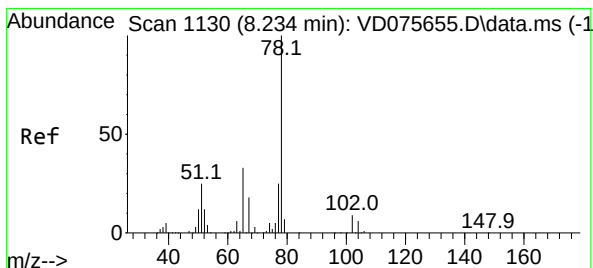
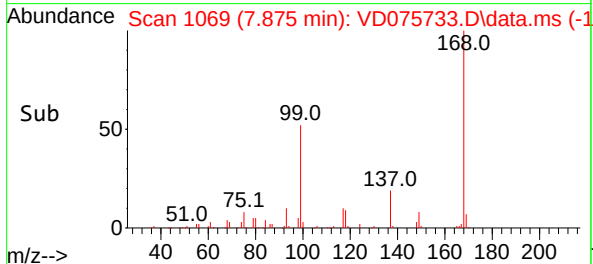
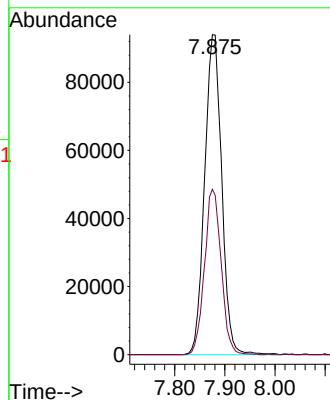
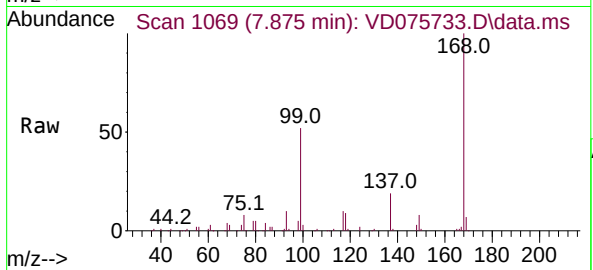




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

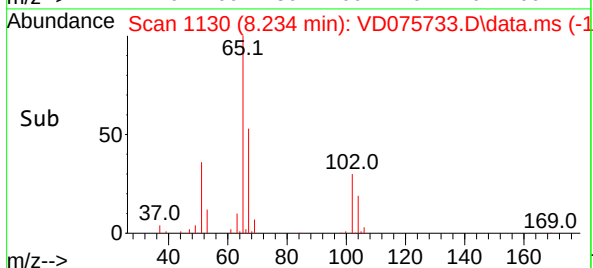
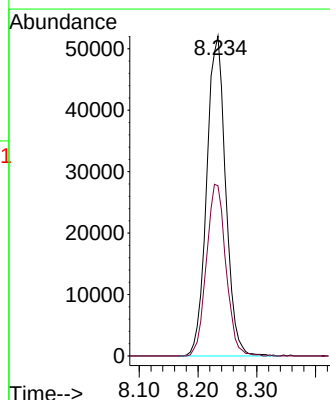
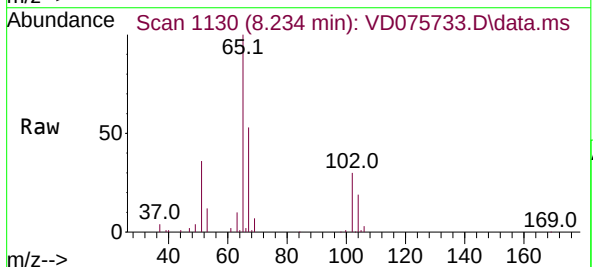
Instrument :
MSVOA_D
ClientSampleId :
SB-31-16-18-20230412

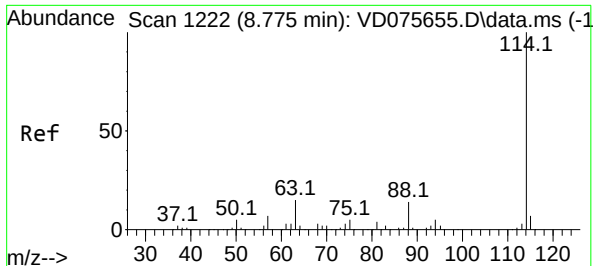
Tgt Ion:168 Resp: 222532
Ion Ratio Lower Upper
168 100
99 51.7 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 55.265 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

Tgt Ion: 65 Resp: 116733
Ion Ratio Lower Upper
65 100
67 55.1 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075733.D

Acq: 18 Apr 2023 18:13

Instrument :

MSVOA_D

ClientSampleId :

SB-31-16-18-20230412

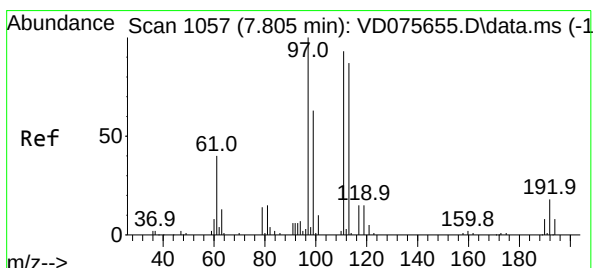
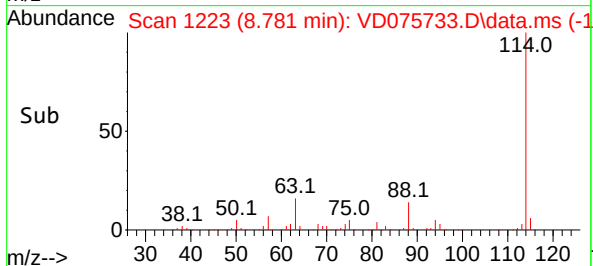
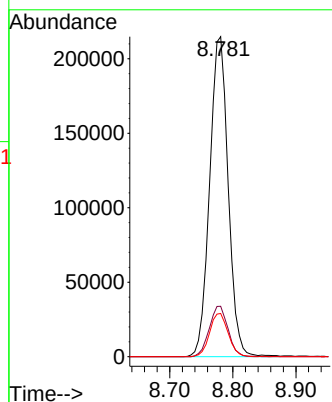
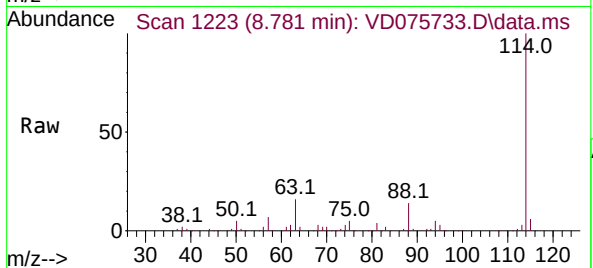
Tgt Ion:114 Resp: 437791

Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 13.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.717 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075733.D

Acq: 18 Apr 2023 18:13

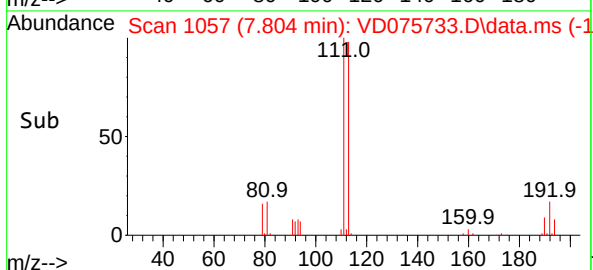
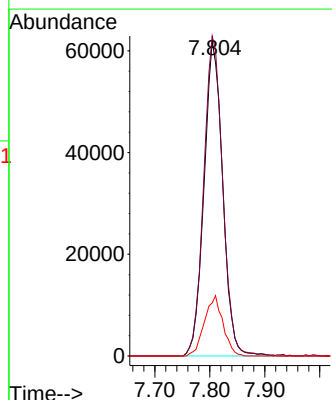
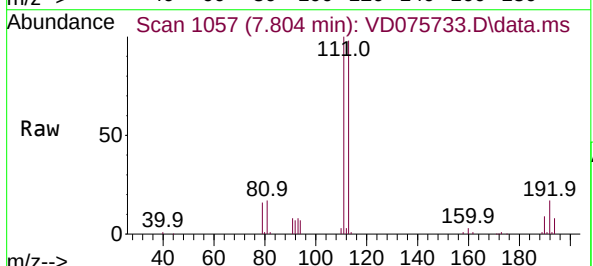
Tgt Ion:113 Resp: 146397

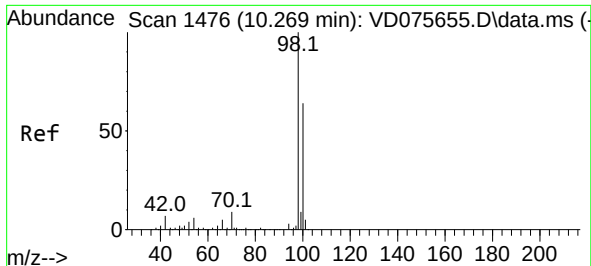
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 18.9 15.2 22.8

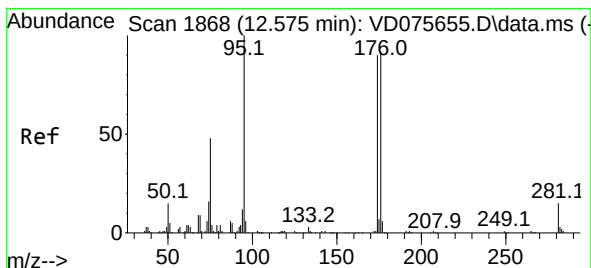
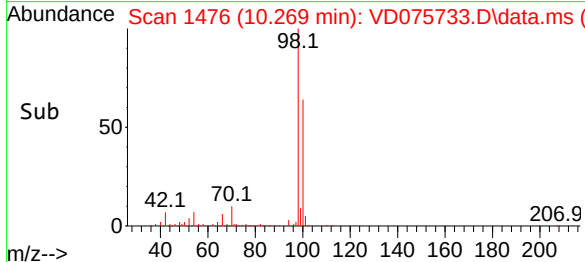
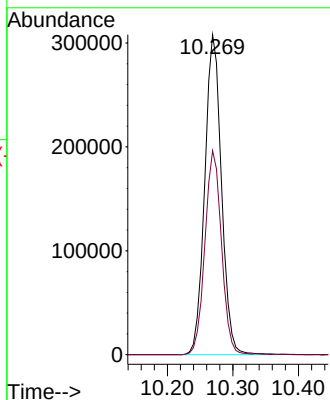
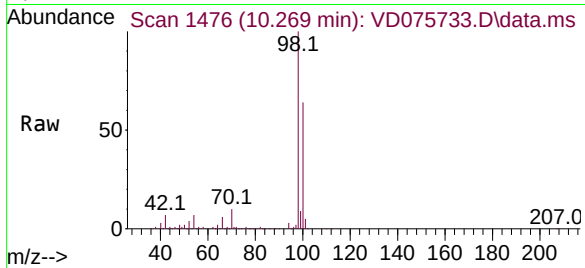




#50
Toluene-d8
Concen: 46.314 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

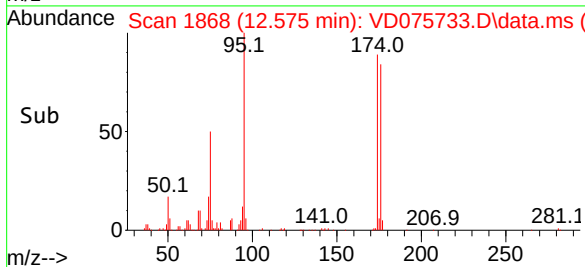
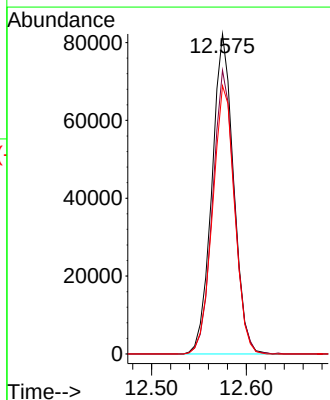
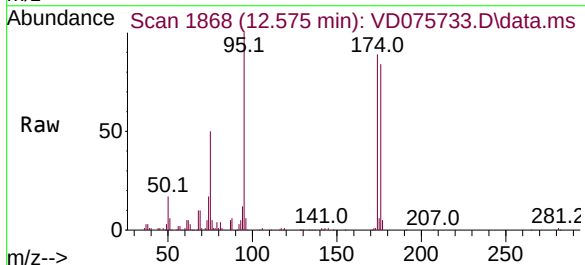
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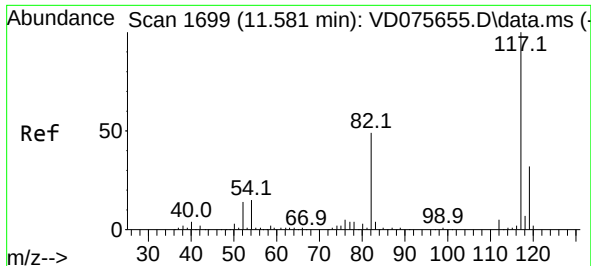
Tgt Ion: 98 Resp: 546124
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.740 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

Tgt Ion: 95 Resp: 130822
Ion Ratio Lower Upper
95 100
174 88.6 0.0 164.0
176 85.2 0.0 156.8

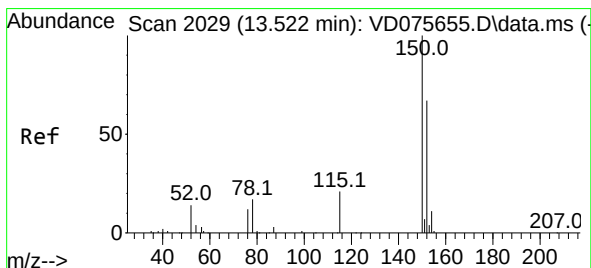
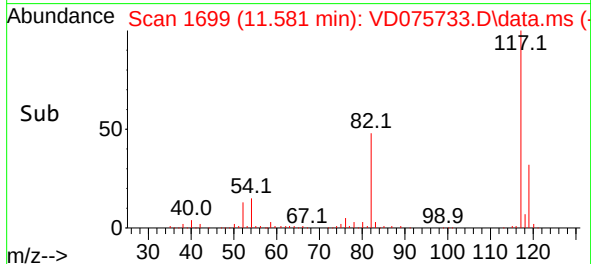
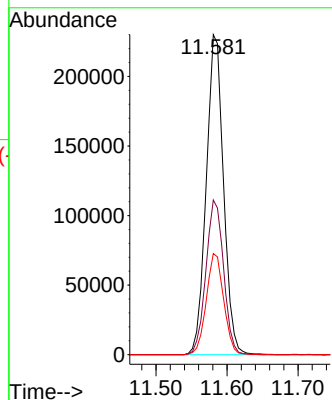
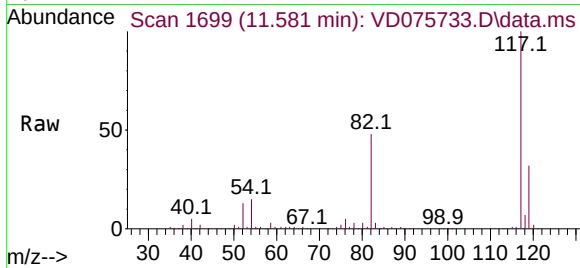




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075733.D
Acq: 18 Apr 2023 18:13

Instrument :
MSVOA_D
ClientSampleId :
SB-31-16-18-20230412

Tgt Ion:117 Resp: 389111
Ion Ratio Lower Upper
117 100
82 48.4 44.0 66.0
119 31.6 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: VD075733.D
Acq: 18 Apr 2023 18:13

Tgt Ion:152 Resp: 150246
Ion Ratio Lower Upper
152 100
115 54.4 30.1 90.3
150 155.7 0.0 364.8

