

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075744.D
 Acq On : 19 Apr 2023 12:55
 Operator : KP/SY
 Sample : 02404-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-2-041823

Quant Time: Apr 20 06:00:13 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	171914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	342699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	479153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	262415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61449	37.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.320%
35) Dibromofluoromethane	7.810	113	100431	43.571	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.140%
50) Toluene-d8	10.269	98	447668	48.499	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.000%
62) 4-Bromofluorobenzene	12.575	95	206976	84.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	168.720%#

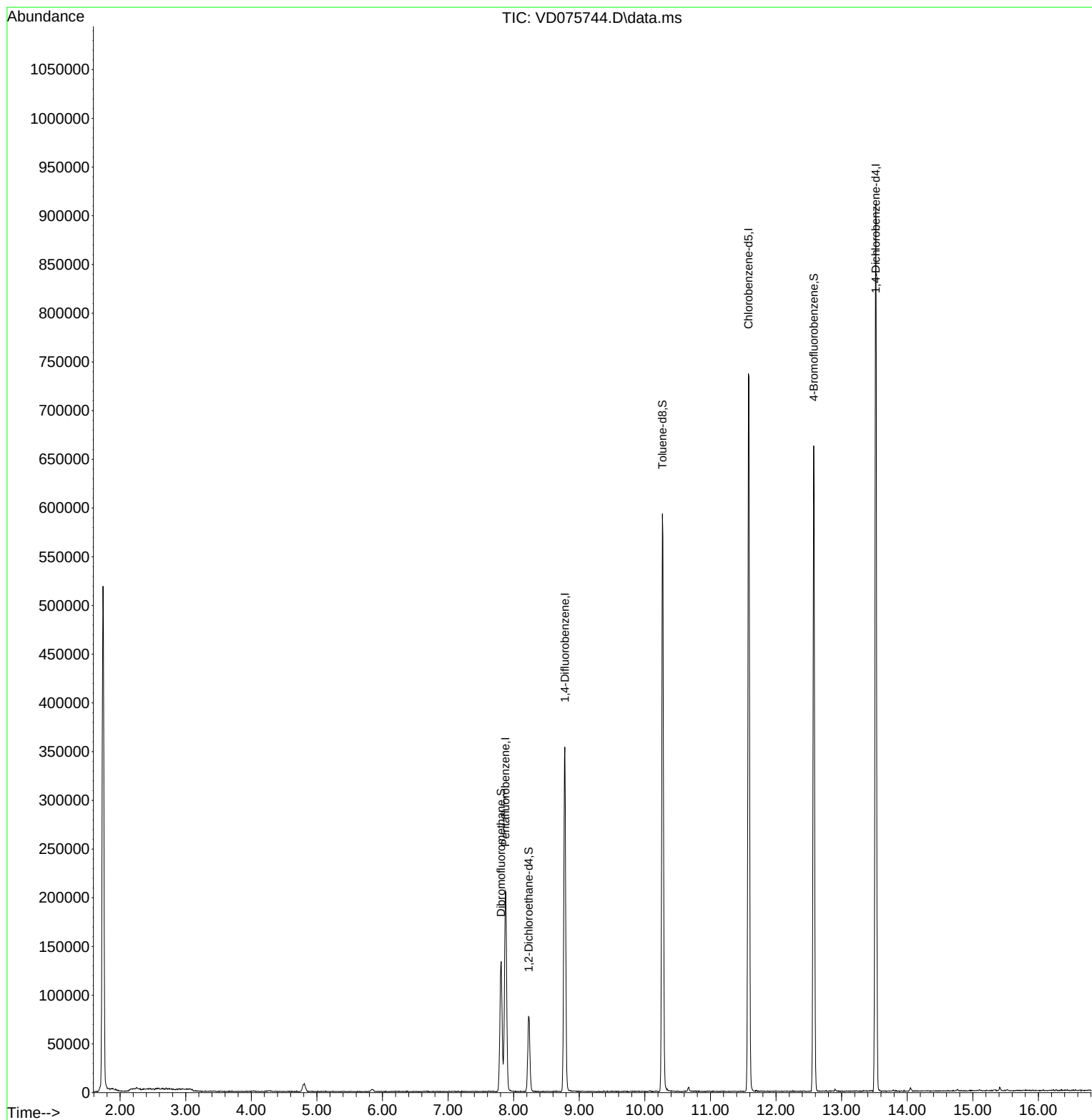
Target Compounds	Qvalue

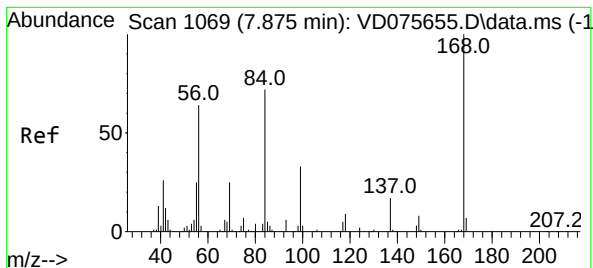
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD075744.D

Acq: 19 Apr 2023 12:55

Instrument :

MSVOA_D

ClientSampleId :

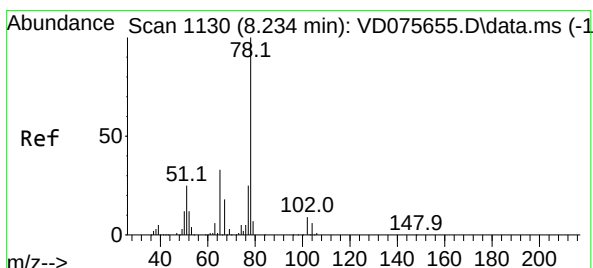
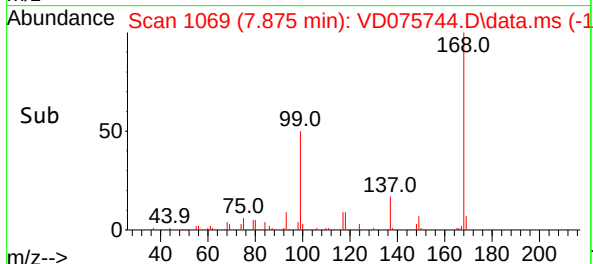
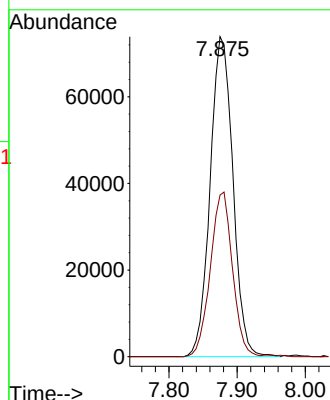
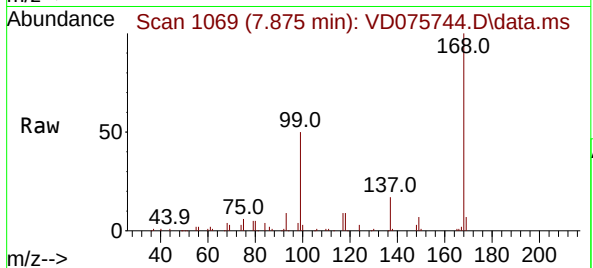
OK-2-041823

Tgt Ion:168 Resp: 171914

Ion Ratio Lower Upper

168 100

99 50.5 43.8 65.6



#33

1,2-Dichloroethane-d4

Concen: 37.657 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075744.D

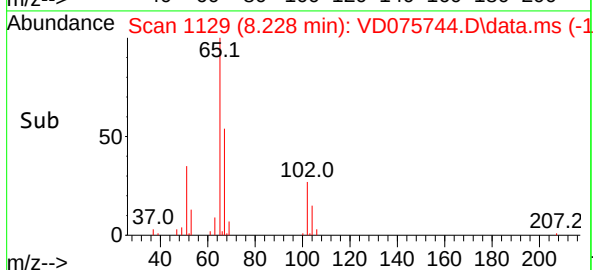
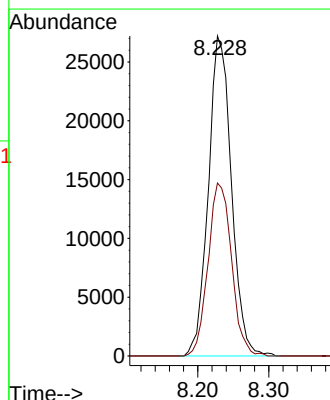
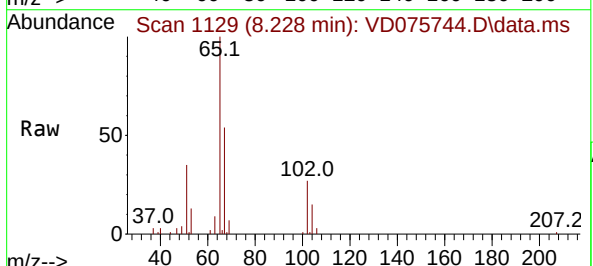
Acq: 19 Apr 2023 12:55

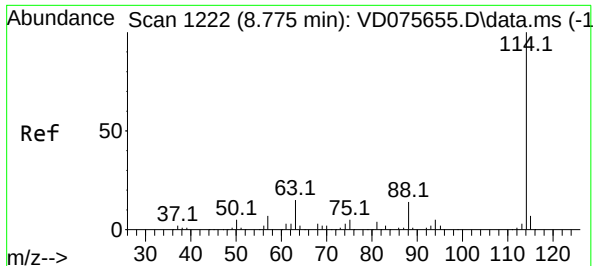
Tgt Ion: 65 Resp: 61449

Ion Ratio Lower Upper

65 100

67 55.0 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: VD075744.D

Acq: 19 Apr 2023 12:55

Instrument :

MSVOA_D

ClientSampleId :

OK-2-041823

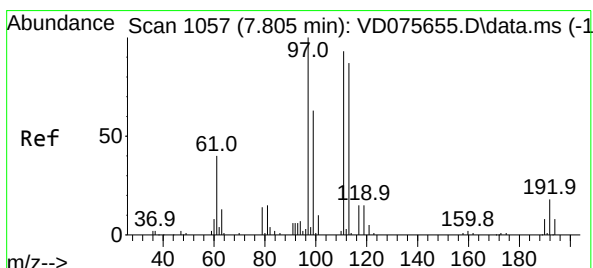
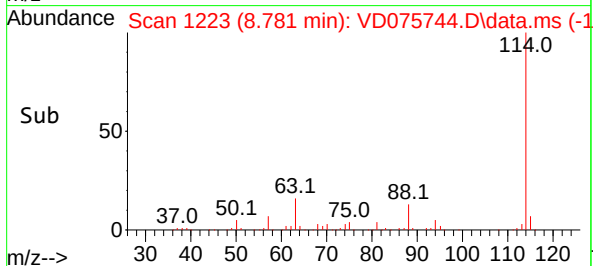
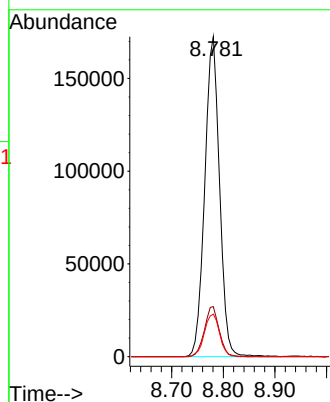
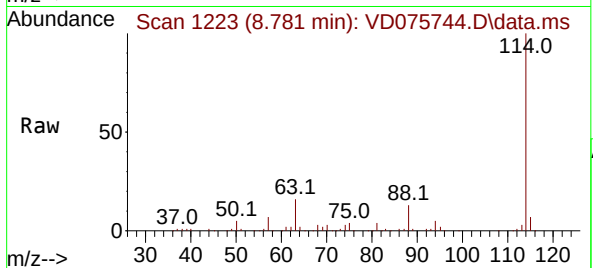
Tgt Ion:114 Resp: 342699

Ion Ratio Lower Upper

114 100

63 15.6 0.0 41.6

88 13.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 43.571 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075744.D

Acq: 19 Apr 2023 12:55

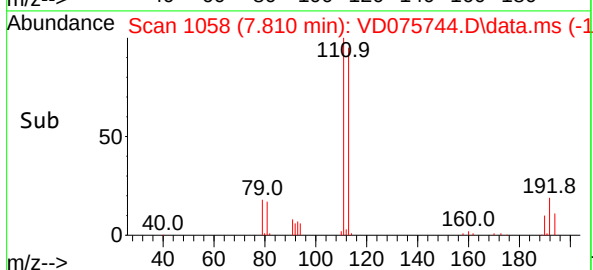
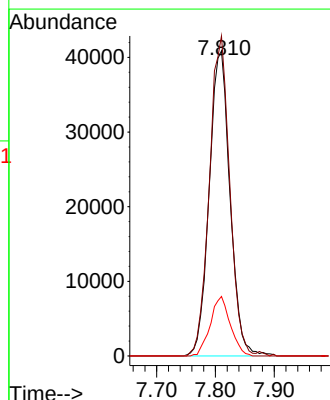
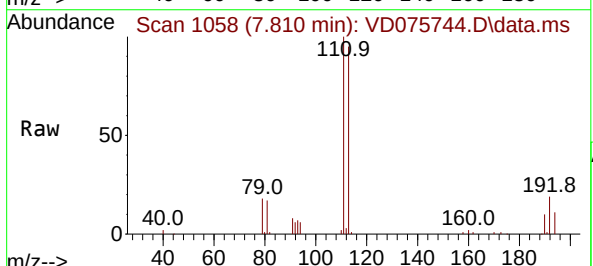
Tgt Ion:113 Resp: 100431

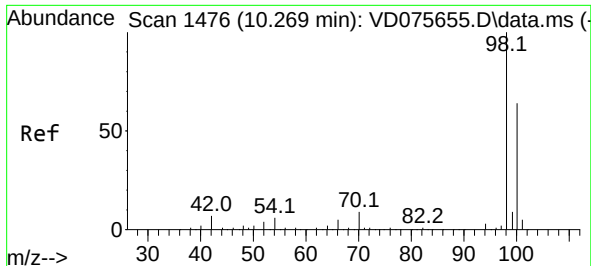
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.8 15.2 22.8

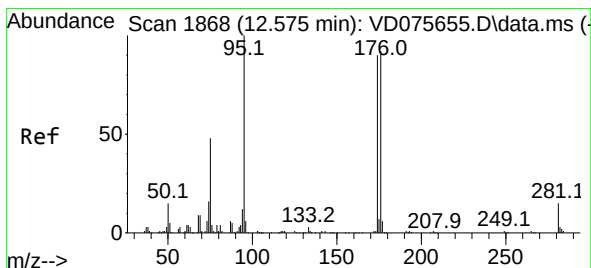
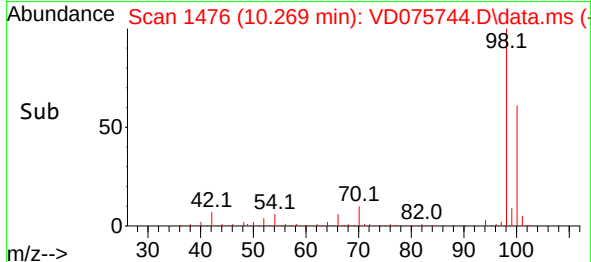
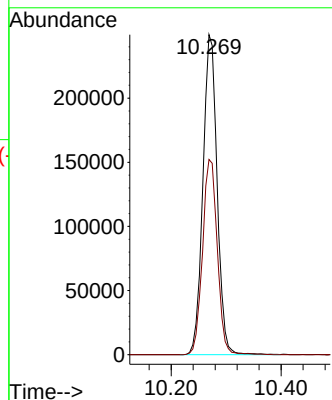
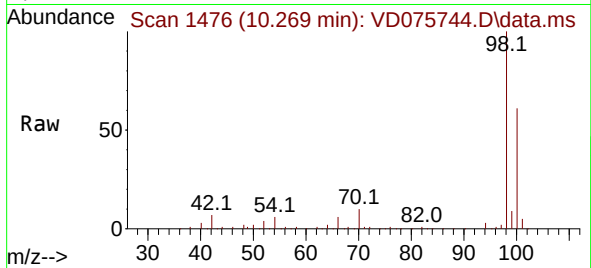




#50
Toluene-d8
Concen: 48.499 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075744.D
Acq: 19 Apr 2023 12:55

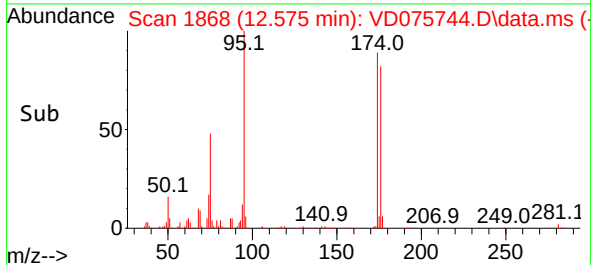
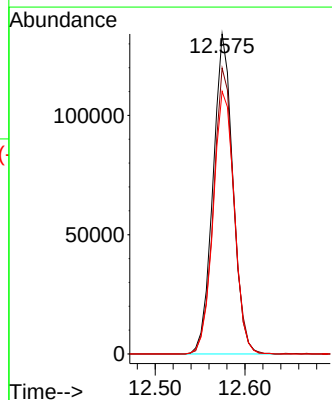
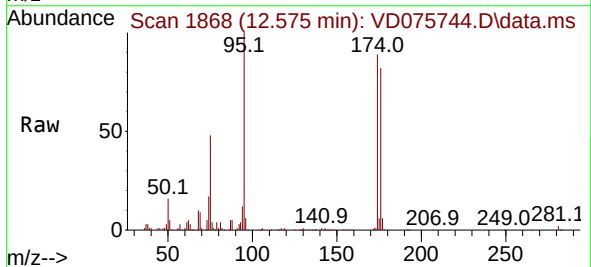
Instrument :
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OK-2-041823

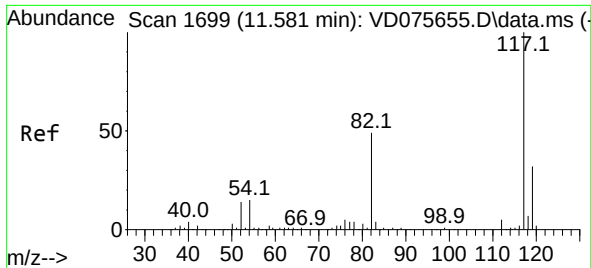
Tgt Ion: 98 Resp: 447668
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 84.361 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075744.D
Acq: 19 Apr 2023 12:55

Tgt Ion: 95 Resp: 206976
Ion Ratio Lower Upper
95 100
174 90.7 0.0 164.0
176 86.8 0.0 156.8

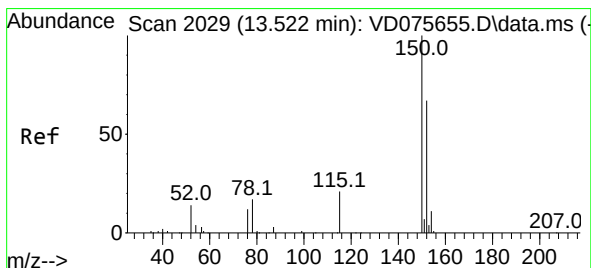
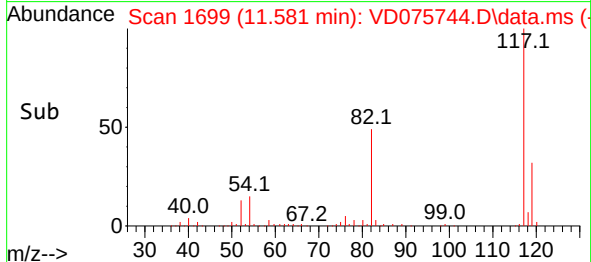
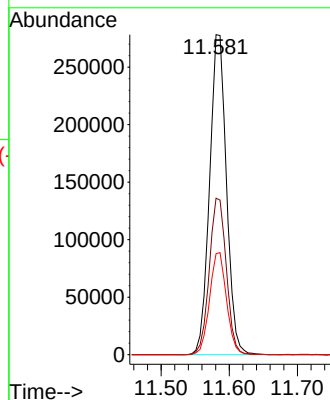
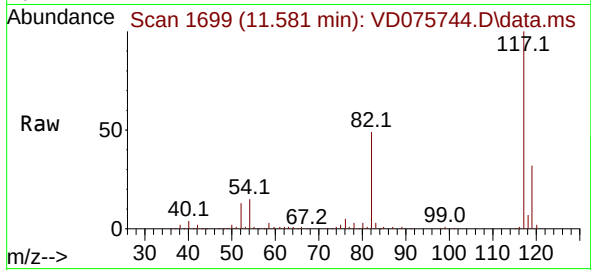




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075744.D
Acq: 19 Apr 2023 12:55

Instrument :
MSVOA_D
ClientSampleId :
OK-2-041823

Tgt Ion:117 Resp: 479153
Ion Ratio Lower Upper
117 100
82 48.9 44.0 66.0
119 31.5 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: VD075744.D
Acq: 19 Apr 2023 12:55

Tgt Ion:152 Resp: 262415
Ion Ratio Lower Upper
152 100
115 55.8 30.1 90.3
150 157.8 0.0 364.8

