

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110123\
 Data File : VD077481.D
 Acq On : 01 Nov 2023 15:27
 Operator : JC/SY
 Sample : 05170-01
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-103123

Quant Time: Nov 02 00:56:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	13176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	30683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	31333	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	14990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	14498	77.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.620%
35) Dibromofluoromethane	7.810	113	10448	49.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.540%
50) Toluene-d8	10.269	98	40234	48.844	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.575	95	15424	55.594	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.180%

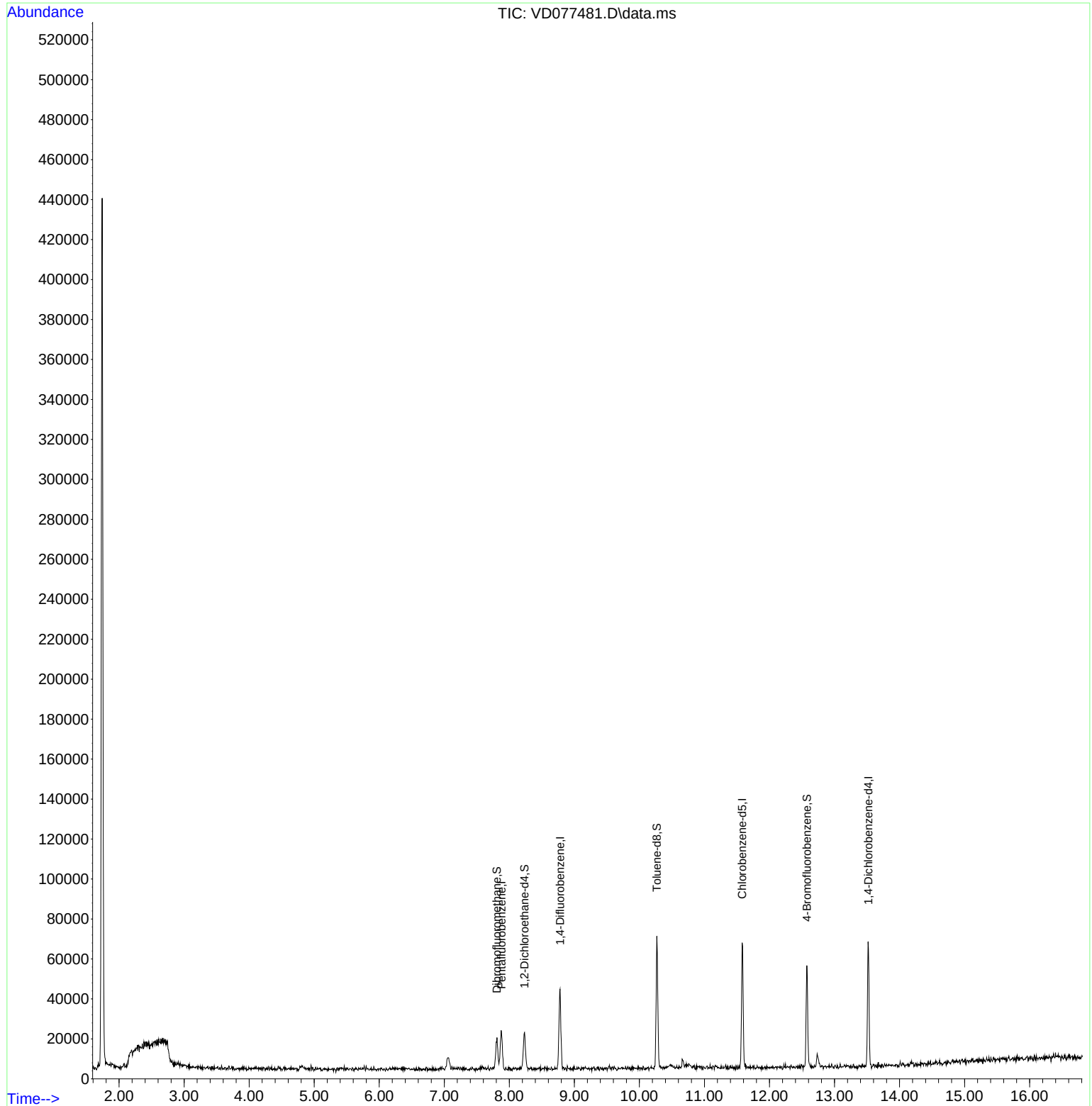
Target Compounds	Qvalue

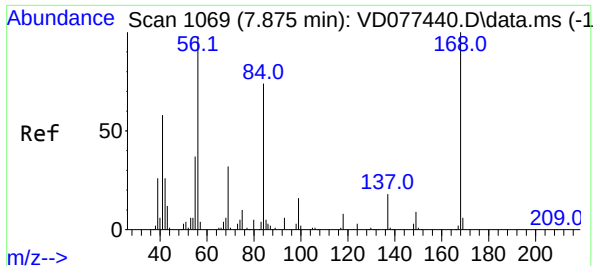
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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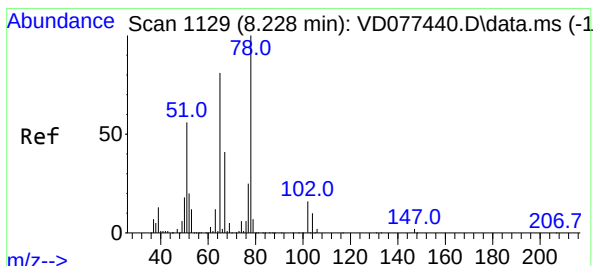
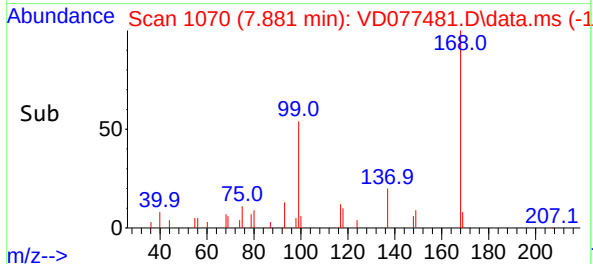
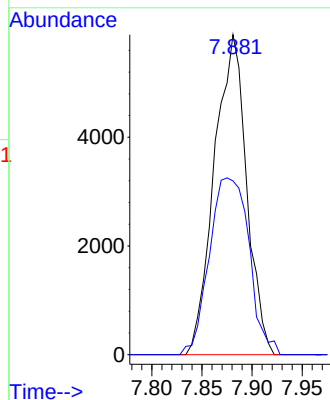
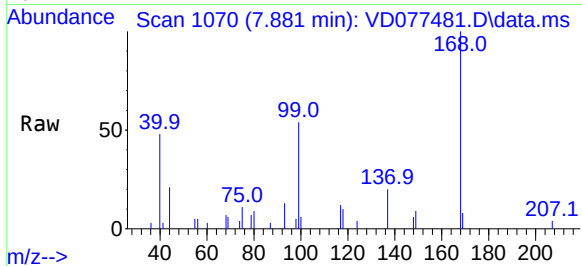




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077481.D
Acq: 01 Nov 2023 15:27

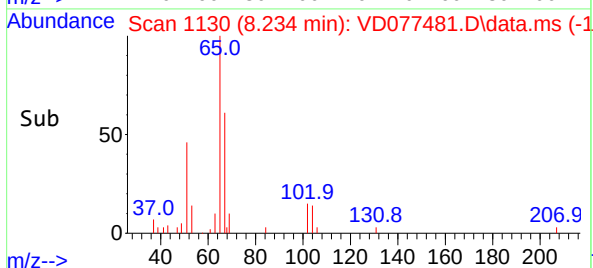
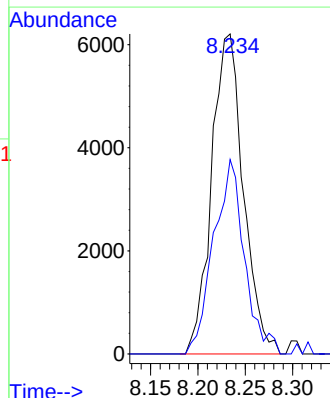
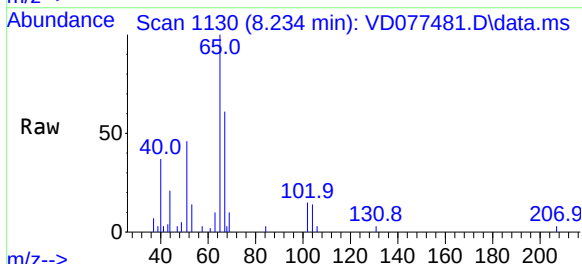
Instrument :
MSVOA_D
ClientSampleId :
OK-02-103123

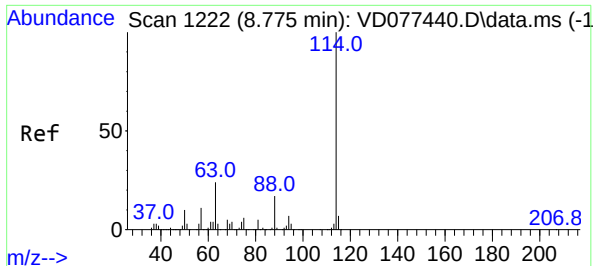
Tgt Ion:168 Resp: 13176
Ion Ratio Lower Upper
168 100
99 54.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 77.814 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077481.D
Acq: 01 Nov 2023 15:27

Tgt Ion: 65 Resp: 14498
Ion Ratio Lower Upper
65 100
67 59.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077481.D

Acq: 01 Nov 2023 15:27

Instrument :

MSVOA_D

ClientSampleId :

OK-02-103123

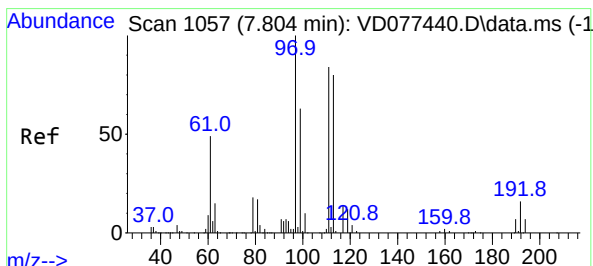
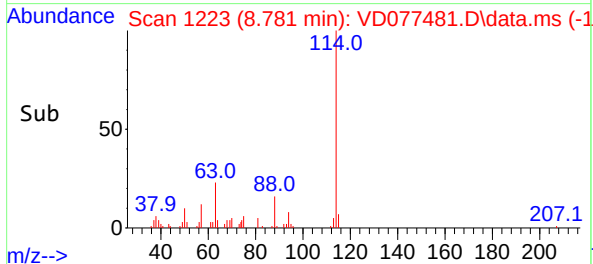
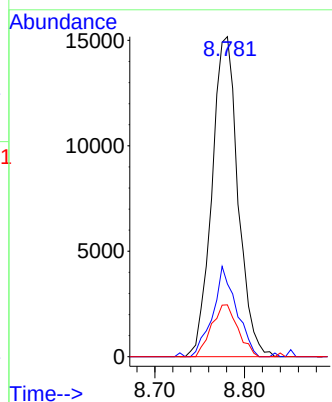
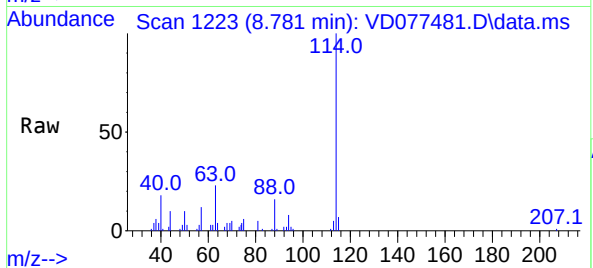
Tgt Ion:114 Resp: 30683

Ion Ratio Lower Upper

114 100

63 22.8 0.0 33.4

88 16.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.267 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077481.D

Acq: 01 Nov 2023 15:27

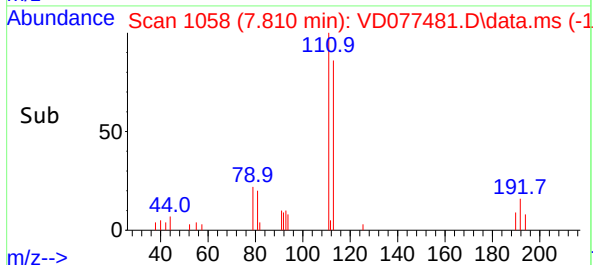
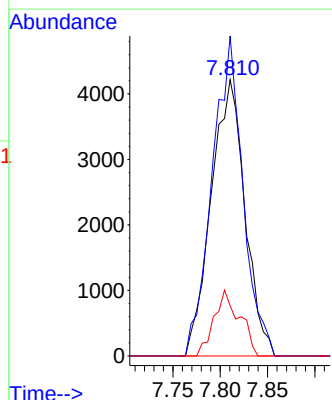
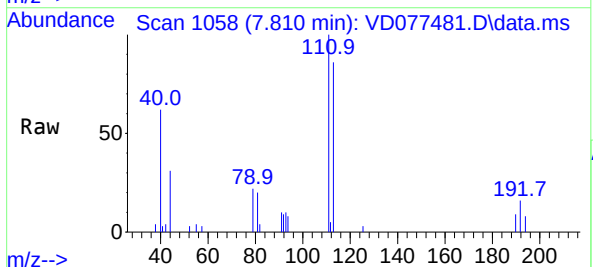
Tgt Ion:113 Resp: 10448

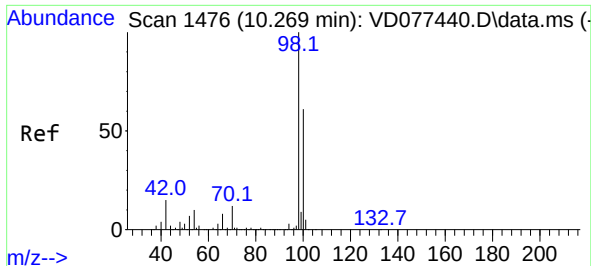
Ion Ratio Lower Upper

113 100

111 105.4 84.7 127.1

192 18.0 16.8 25.2

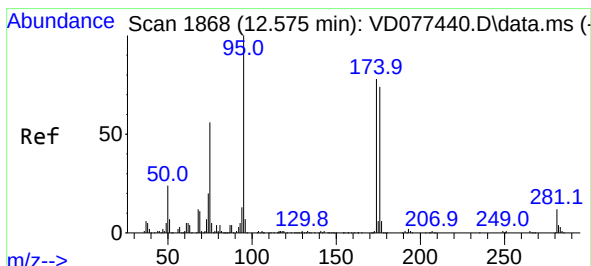
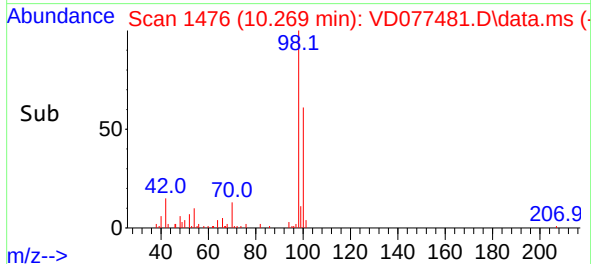
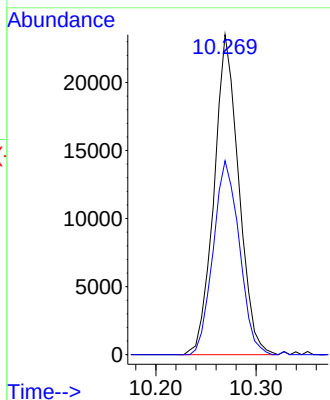
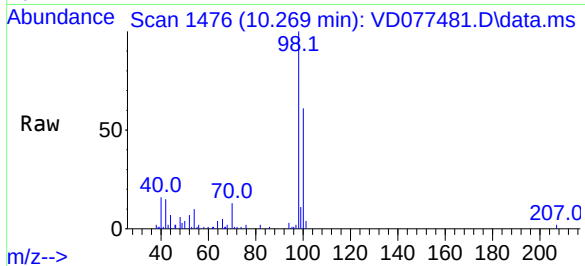




#50
Toluene-d8
Concen: 48.844 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077481.D
Acq: 01 Nov 2023 15:27

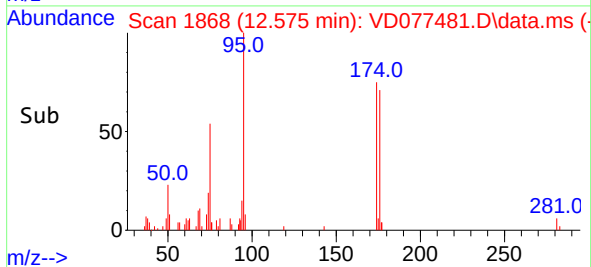
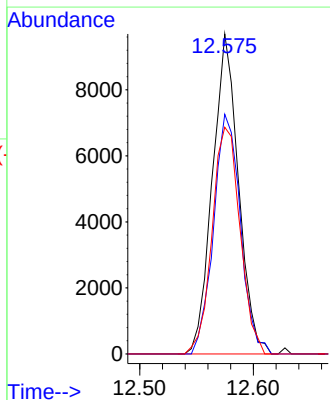
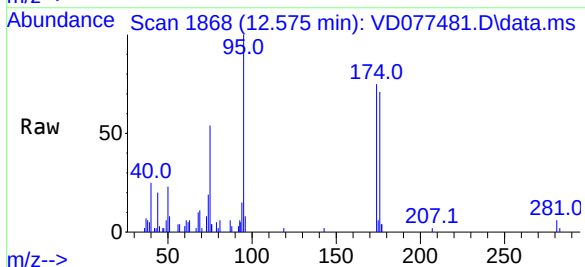
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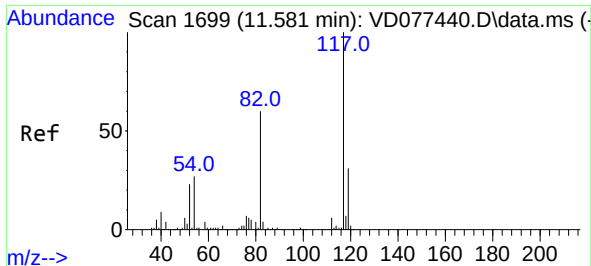
Tgt Ion: 98 Resp: 40234
Ion Ratio Lower Upper
98 100
100 63.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.594 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077481.D
Acq: 01 Nov 2023 15:27

Tgt Ion: 95 Resp: 15424
Ion Ratio Lower Upper
95 100
174 77.1 0.0 201.8
176 75.9 0.0 191.8

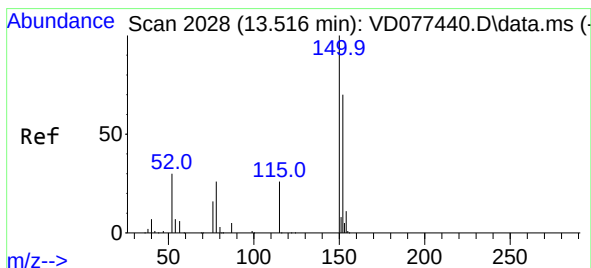
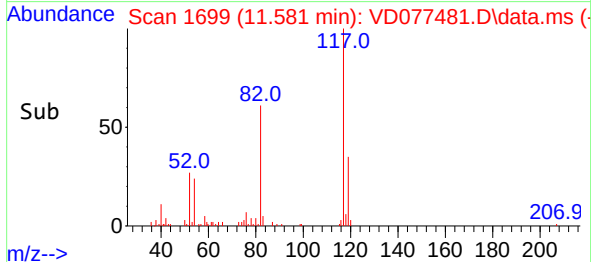
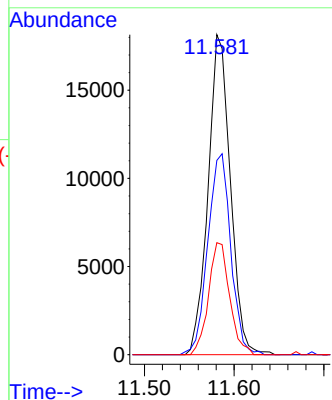
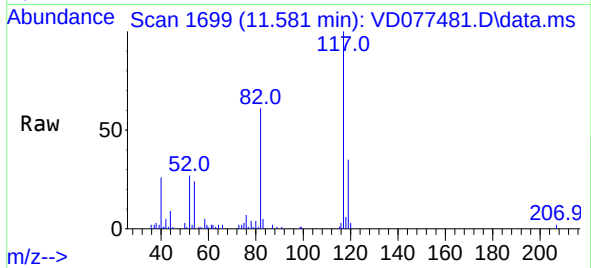




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077481.D
Acq: 01 Nov 2023 15:27

Instrument :
MSVOA_D
ClientSampleId :
OK-02-103123

Tgt Ion:117 Resp: 31333
Ion Ratio Lower Upper
117 100
82 60.7 38.3 57.5#
119 35.0 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: VD077481.D
Acq: 01 Nov 2023 15:27

Tgt Ion:152 Resp: 14990
Ion Ratio Lower Upper
152 100
115 62.3 27.1 81.3
150 157.1 0.0 353.6

