

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD076996.D
 Acq On : 14 Aug 2023 12:58
 Operator : JC/SY
 Sample : 03974-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-081023

Quant Time: Aug 14 13:11:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	8544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	17118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	17419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	5775	85.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.360%#
35) Dibromofluoromethane	7.804	113	6103	66.316	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.640%
50) Toluene-d8	10.269	98	19574	66.221	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	132.440%
62) 4-Bromofluorobenzene	12.575	95	5488	53.110	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.220%

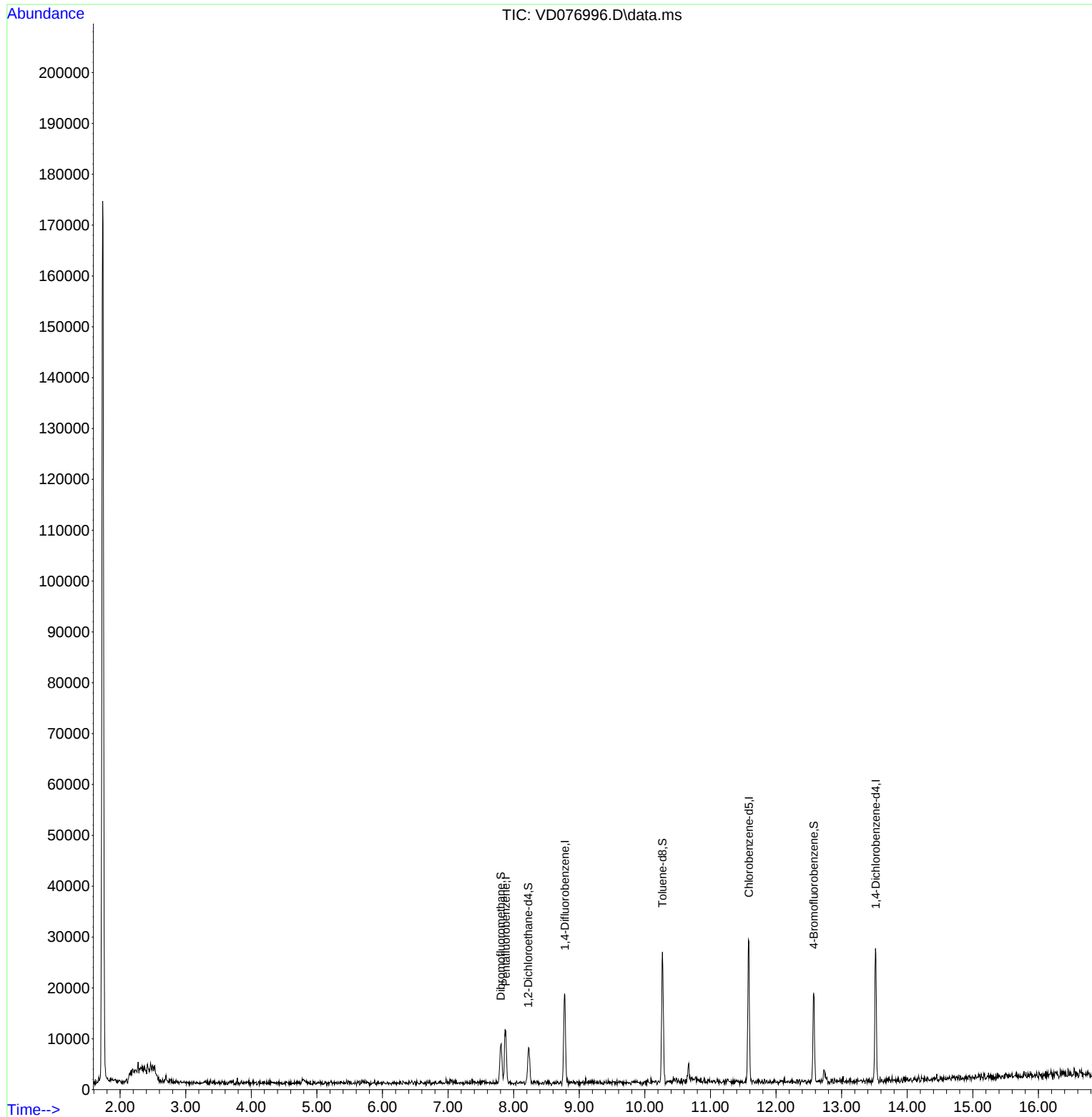
Target Compounds	Qvalue

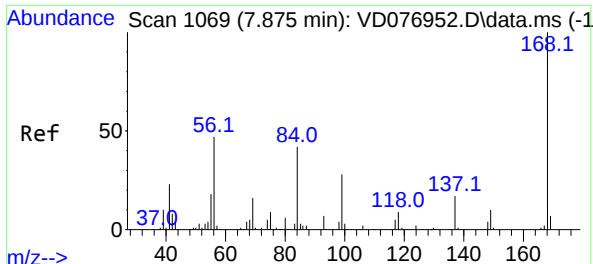
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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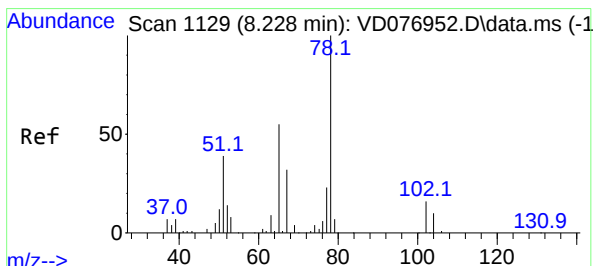
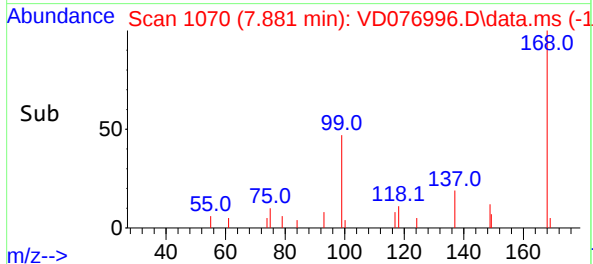
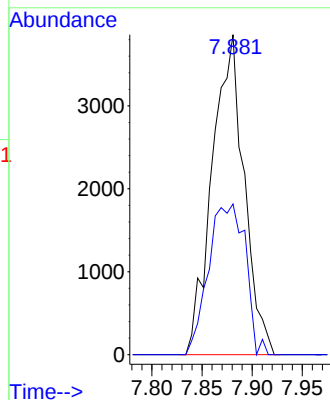
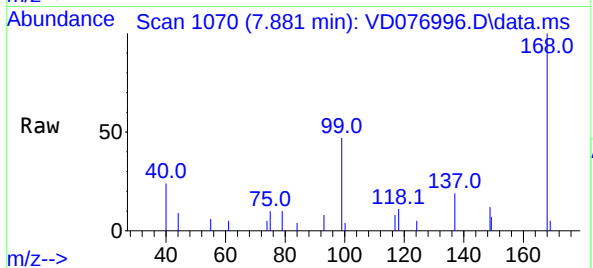




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076996.D
Acq: 14 Aug 2023 12:58

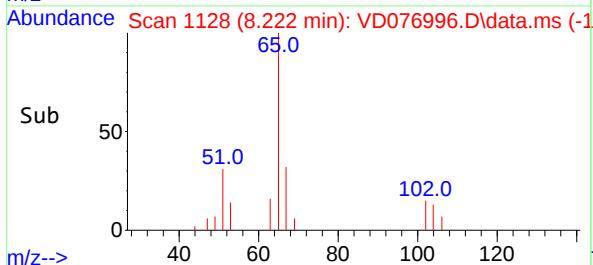
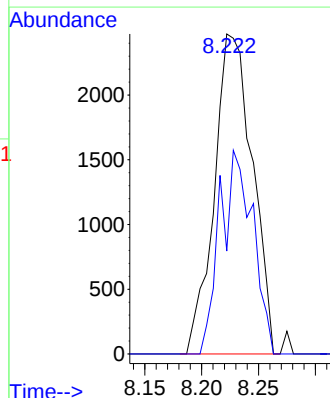
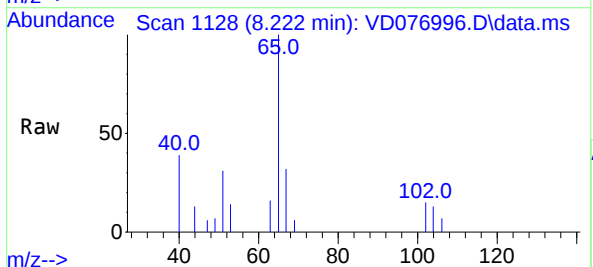
Instrument :
MSVOA_D
ClientSampleId :
EO-01-081023

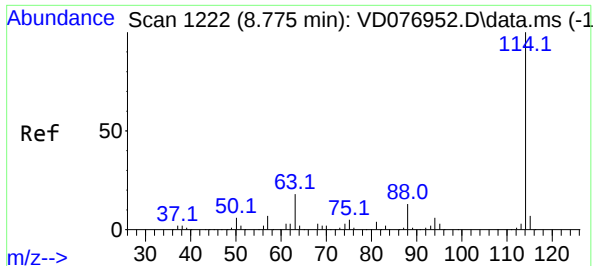
Tgt Ion:168 Resp: 8544
Ion Ratio Lower Upper
168 100
99 47.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 85.682 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VD076996.D
Acq: 14 Aug 2023 12:58

Tgt Ion: 65 Resp: 5775
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0

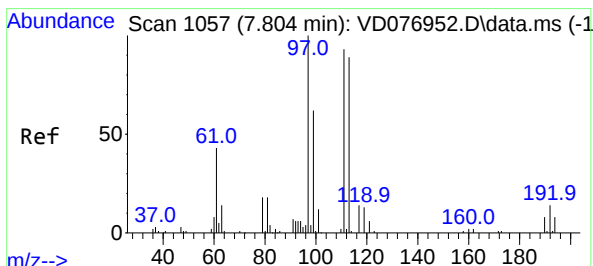
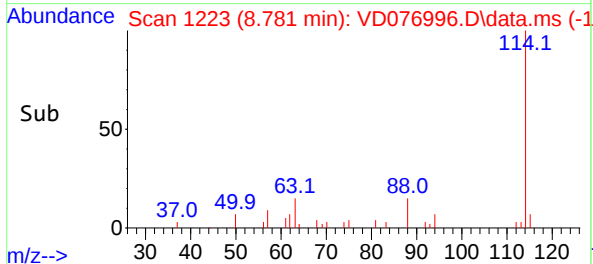
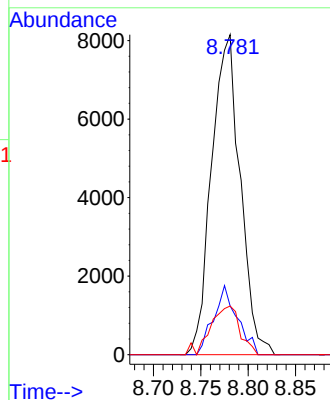
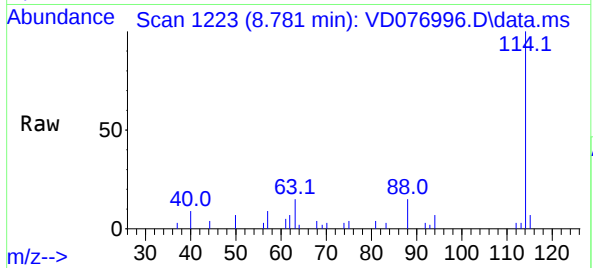




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076996.D
Acq: 14 Aug 2023 12:58

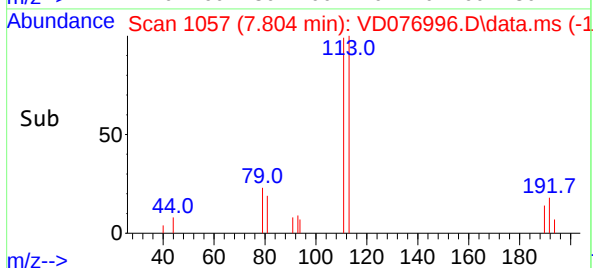
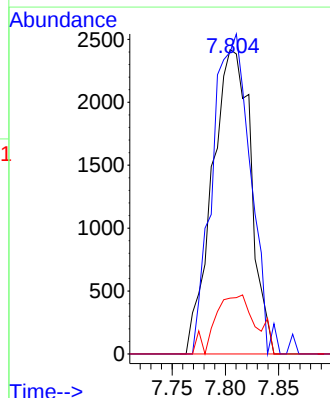
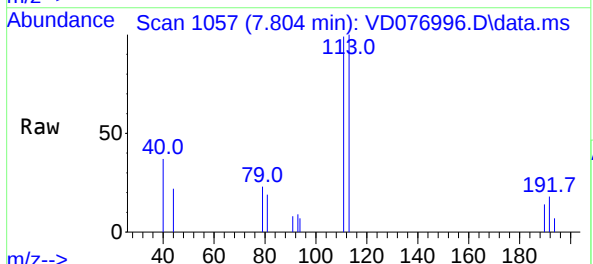
Instrument :
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EO-01-081023

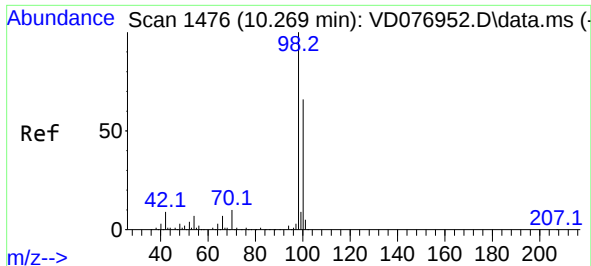
Tgt Ion:114 Resp: 17118
Ion Ratio Lower Upper
114 100
63 15.3 0.0 33.4
88 15.2 0.0 26.2



#35
Dibromofluoromethane
Concen: 66.316 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076996.D
Acq: 14 Aug 2023 12:58

Tgt Ion:113 Resp: 6103
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 20.4 16.8 25.2

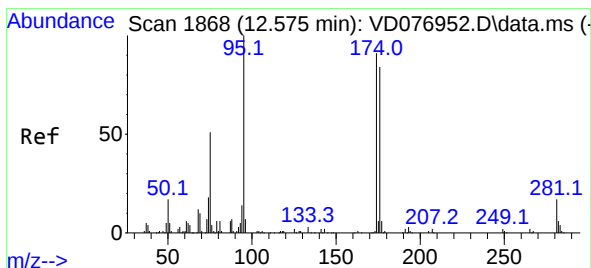
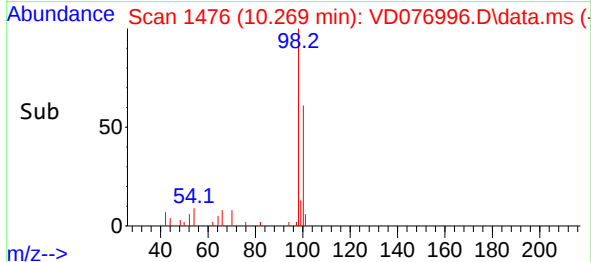
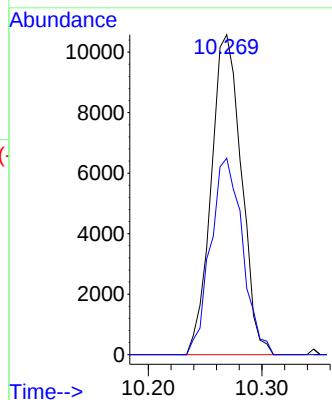
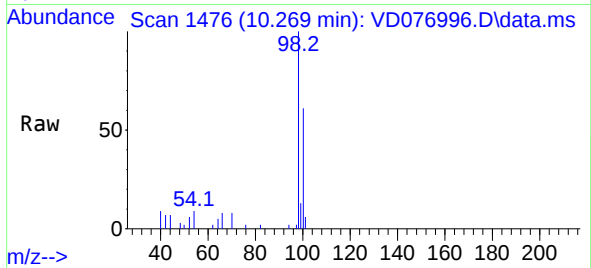




#50
Toluene-d8
Concen: 66.221 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076996.D
Acq: 14 Aug 2023 12:58

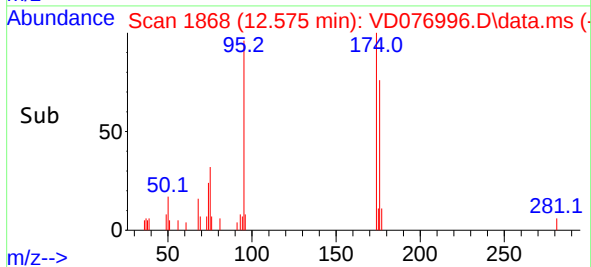
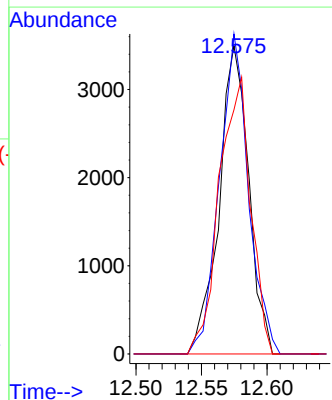
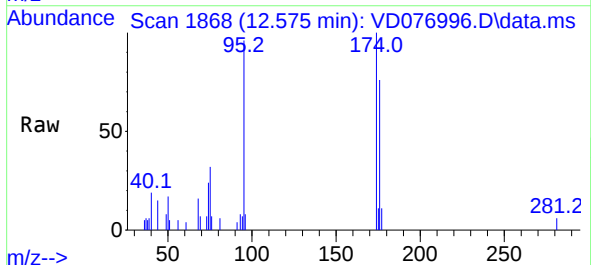
Instrument :
MSVOA_D
ClientSampleId :
EO-01-081023

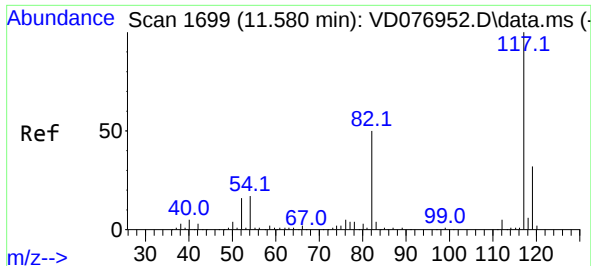
Tgt Ion: 98 Resp: 19574
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.110 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076996.D
Acq: 14 Aug 2023 12:58

Tgt Ion: 95 Resp: 5488
Ion Ratio Lower Upper
95 100
174 102.1 0.0 201.8
176 95.4 0.0 191.8

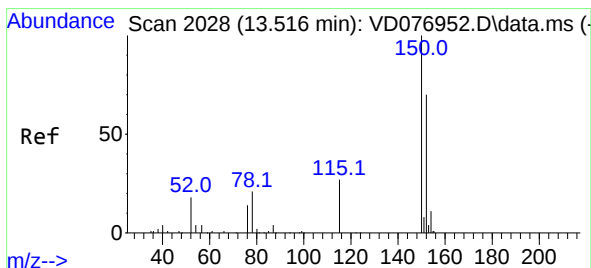
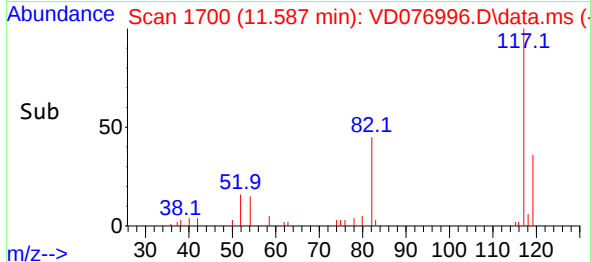
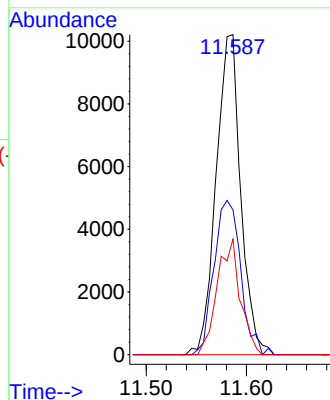
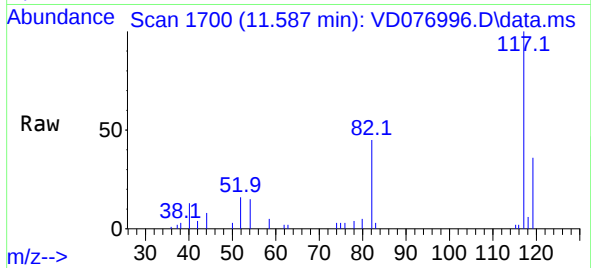




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.007 min
Lab File: VD076996.D
Acq: 14 Aug 2023 12:58

Instrument :
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ClientSampleId :
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Tgt Ion:	117	Resp:	17419
Ion	Ratio	Lower	Upper
117	100		
82	45.3	38.3	57.5
119	36.1	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: VD076996.D
Acq: 14 Aug 2023 12:58

Tgt Ion:	152	Resp:	8293
Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.1	81.3
150	146.4	0.0	353.6

