

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076829.D
 Acq On : 27 Jul 2023 12:50
 Operator : KP/SY
 Sample : 03769-09
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P40A

Quant Time: Jul 27 14:48:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	71652	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	152832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	148318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	67582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	53526	75.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.000%
35) Dibromofluoromethane	7.810	113	55485	57.772	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.540%
50) Toluene-d8	10.269	98	185558	54.008	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.020%
62) 4-Bromofluorobenzene	12.569	95	57896	52.090	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.180%

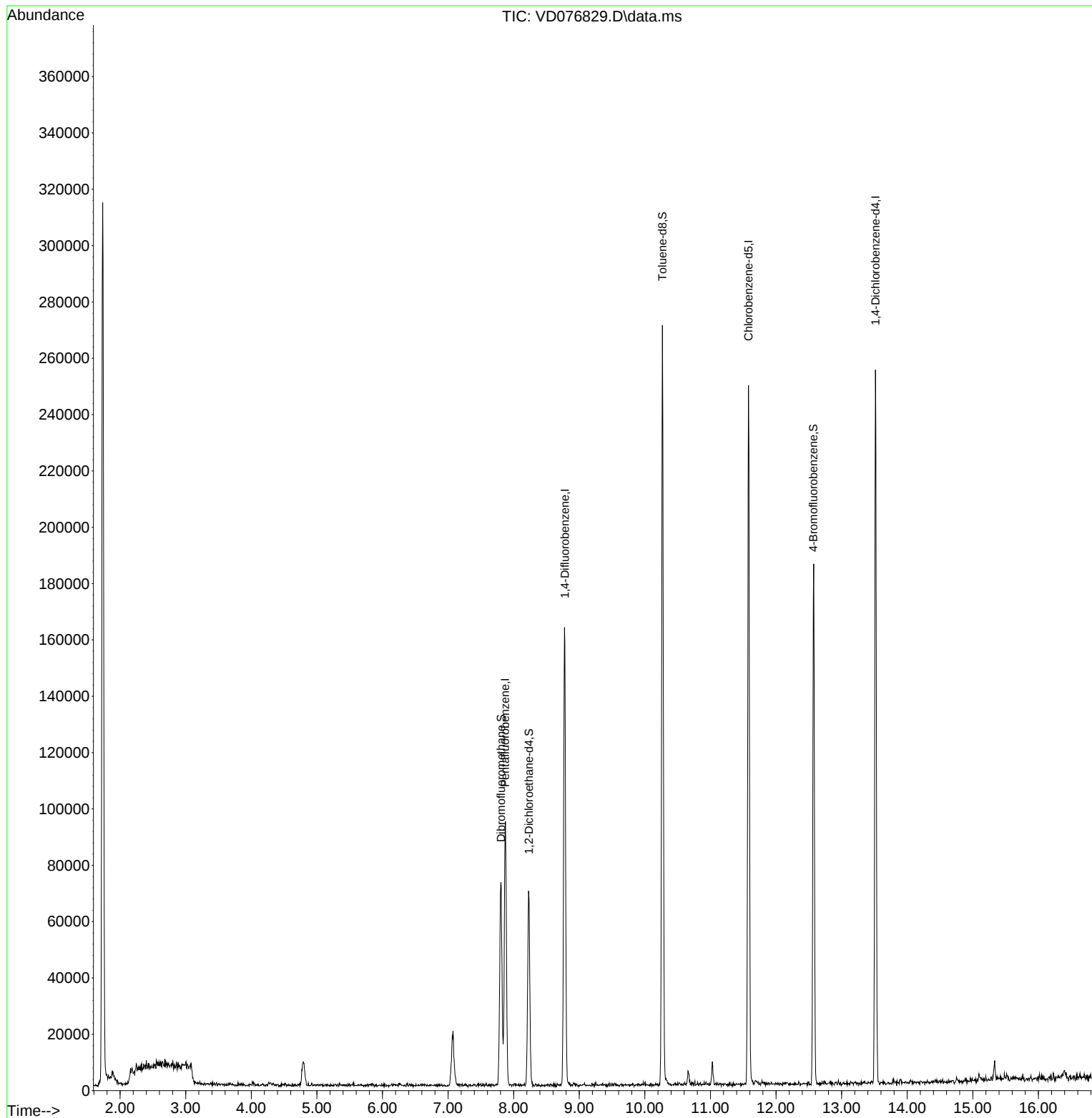
Target Compounds	Qvalue

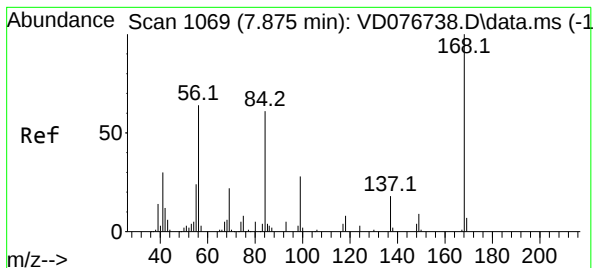
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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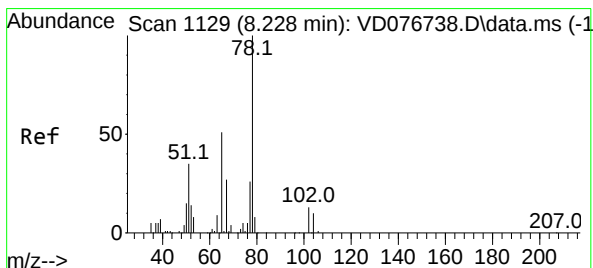
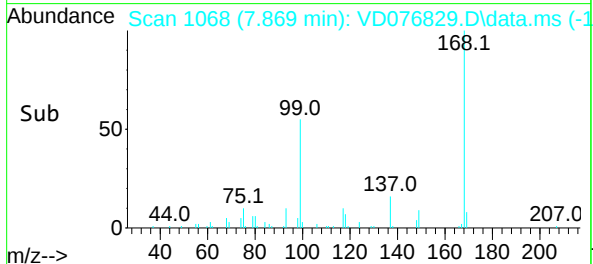
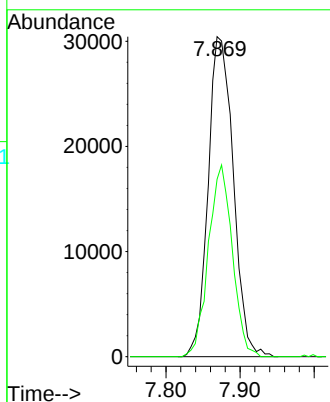
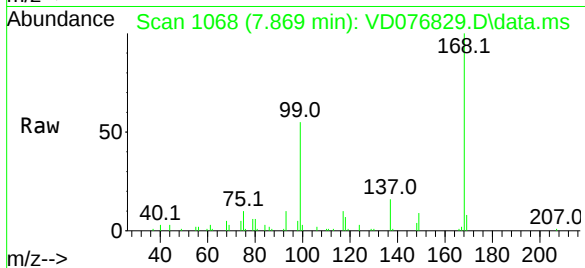




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

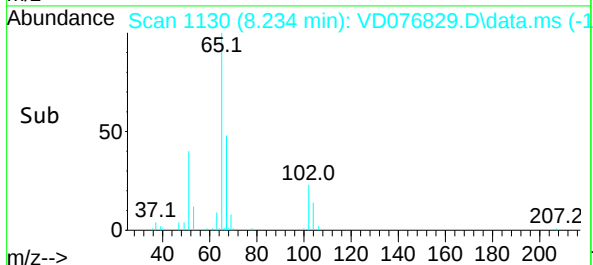
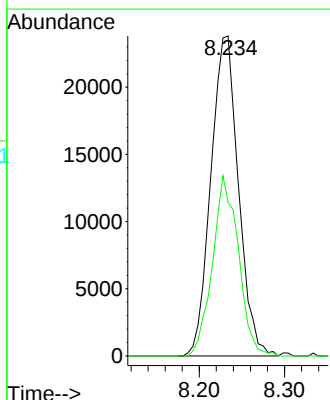
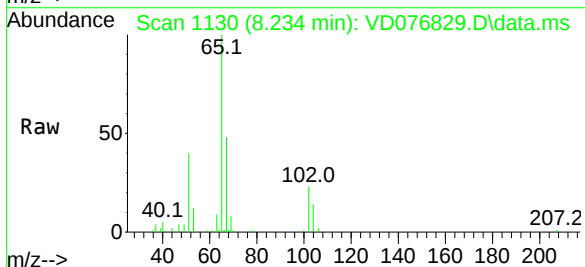
Instrument :
MSVOA_D
ClientSampleId :
B-P40A

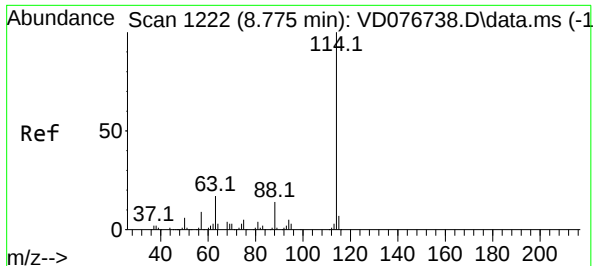
Tgt Ion:168 Resp: 71652
Ion Ratio Lower Upper
168 100
99 55.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 75.000 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

Tgt Ion: 65 Resp: 53526
Ion Ratio Lower Upper
65 100
67 52.8 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: VD076829.D

Acq: 27 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

B-P40A

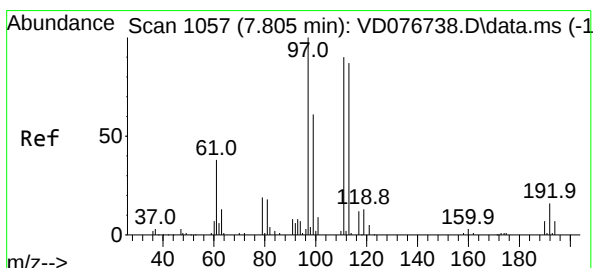
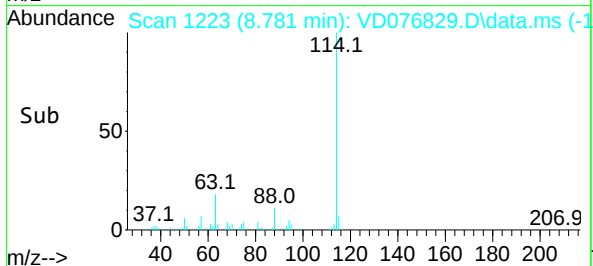
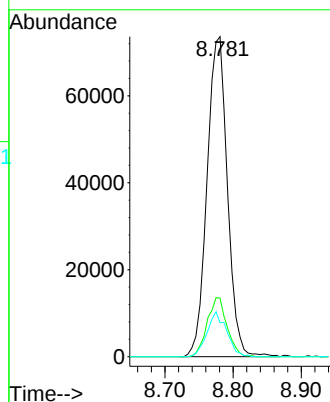
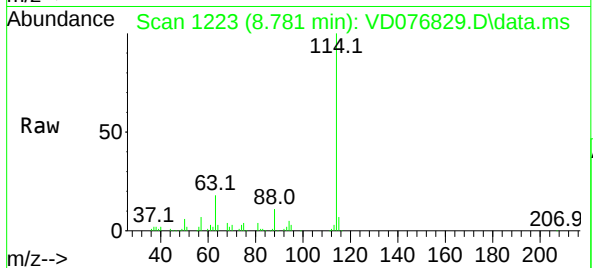
Tgt Ion:114 Resp: 152832

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 10.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 57.772 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD076829.D

Acq: 27 Jul 2023 12:50

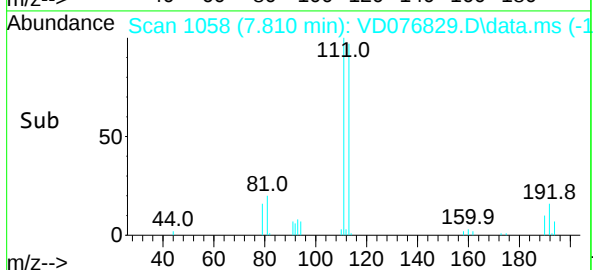
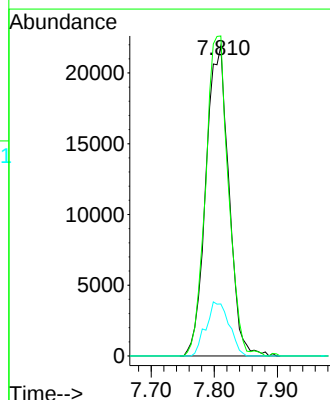
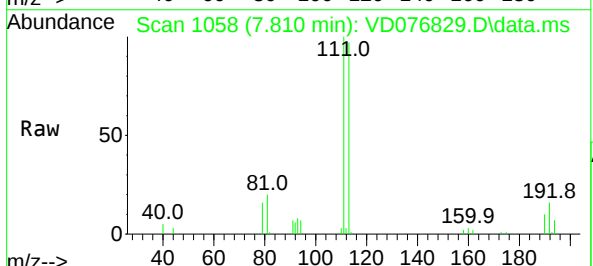
Tgt Ion:113 Resp: 55485

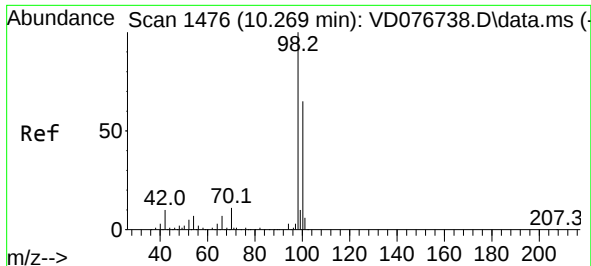
Ion Ratio Lower Upper

113 100

111 102.3 84.7 127.1

192 17.5 16.8 25.2

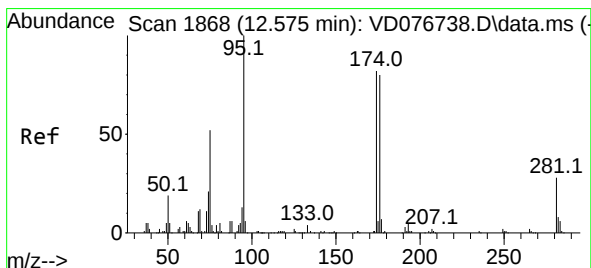
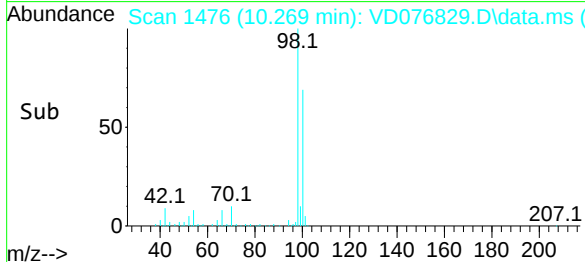
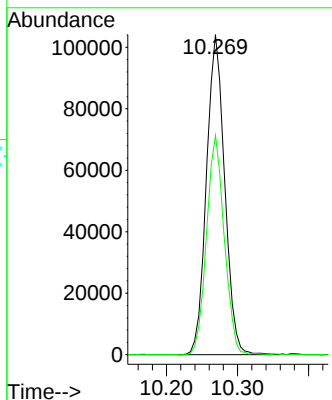
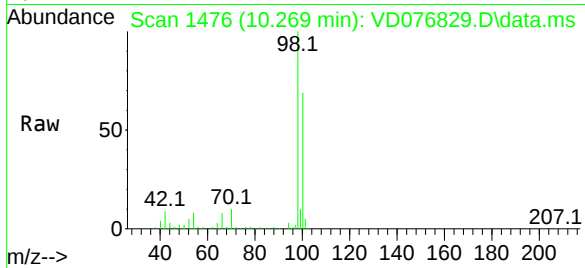




#50
Toluene-d8
Concen: 54.008 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

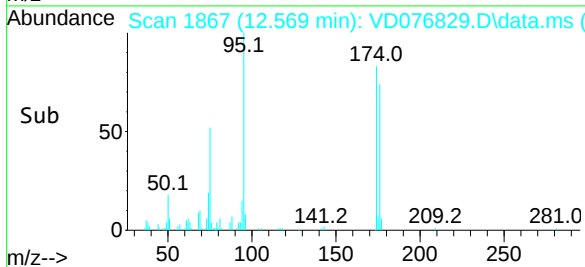
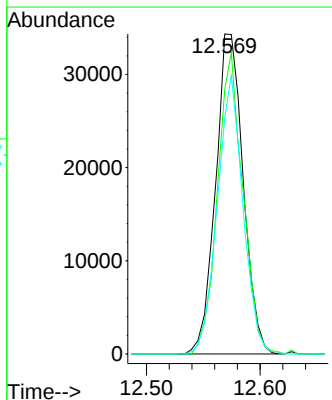
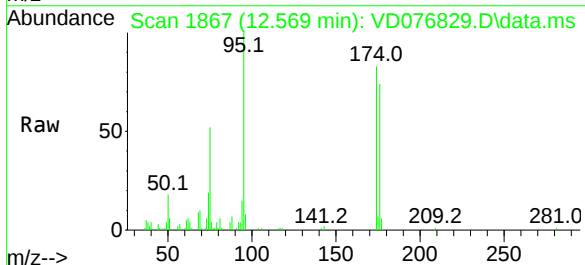
Instrument :
MSVOA_D
ClientSampleId :
B-P40A

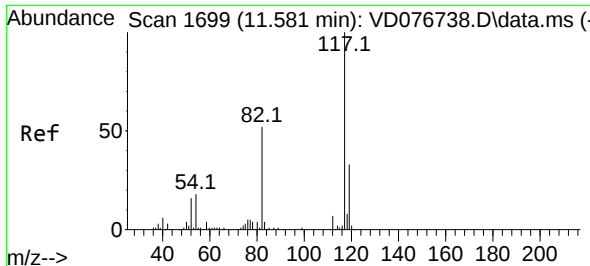
Tgt Ion: 98 Resp: 185558
Ion Ratio Lower Upper
98 100
100 66.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.090 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

Tgt Ion: 95 Resp: 57896
Ion Ratio Lower Upper
95 100
174 87.0 0.0 201.8
176 80.8 0.0 191.8

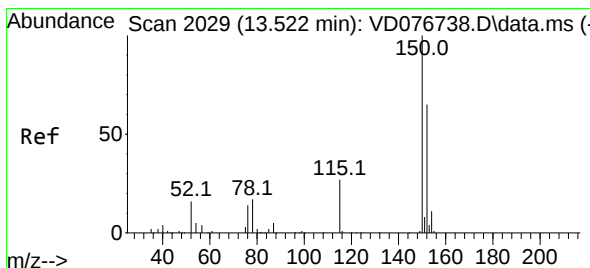
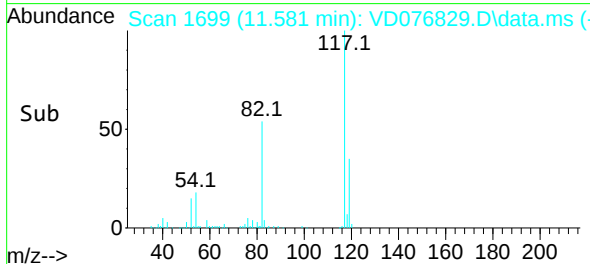
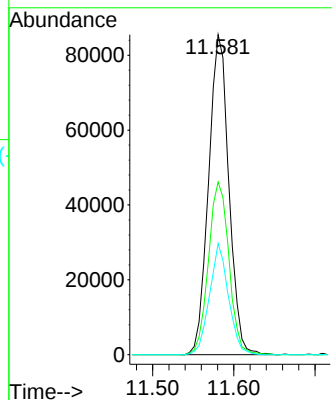
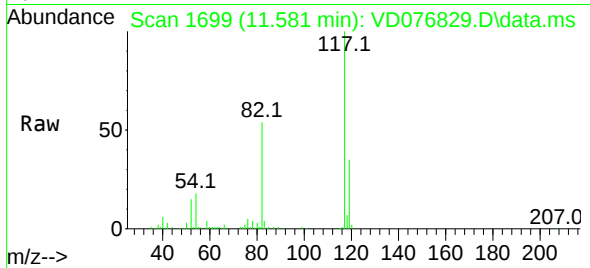




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
B-P40A

Tgt Ion:117 Resp: 148318
Ion Ratio Lower Upper
117 100
82 54.0 38.3 57.5
119 34.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076829.D
Acq: 27 Jul 2023 12:50

Tgt Ion:152 Resp: 67582
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 157.9 0.0 353.6

