

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076547.D
 Acq On : 22 Jun 2023 19:12
 Operator : KP/SY
 Sample : 03365-24
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Quant Time: Jun 23 06:37:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	12283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	24432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	27726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	15892	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	12727	103.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	206.840%#
35) Dibromofluoromethane	7.805	113	9459	65.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.340%
50) Toluene-d8	10.269	98	29712	53.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.960%
62) 4-Bromofluorobenzene	12.575	95	13669	76.515	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	153.040%#

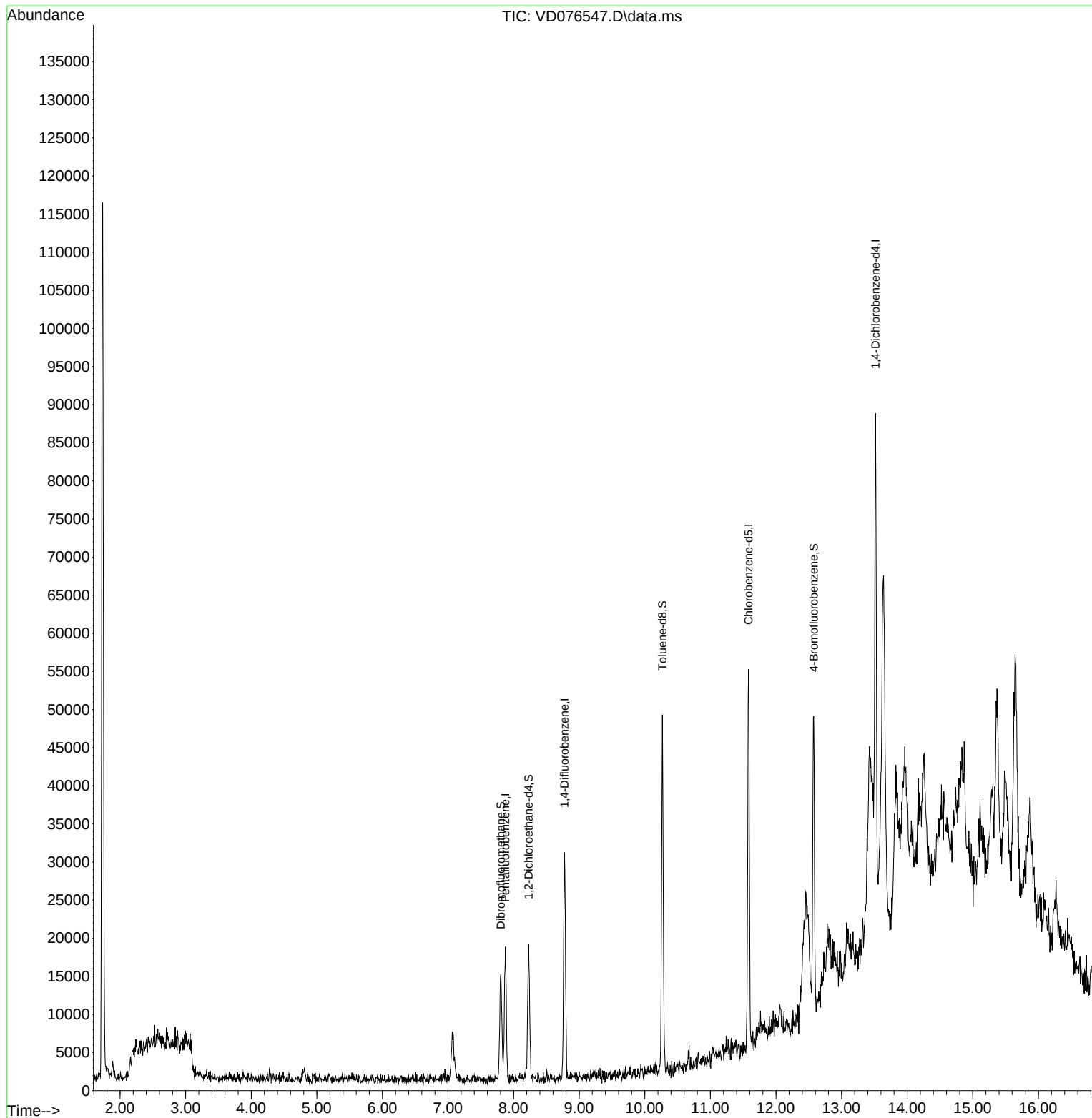
Target Compounds	Qvalue

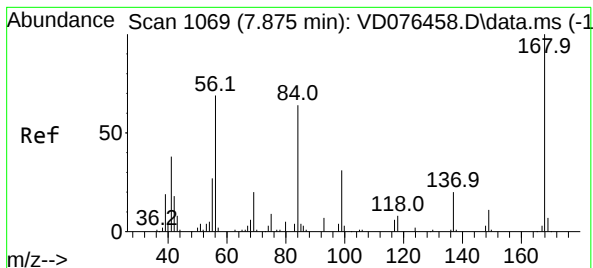
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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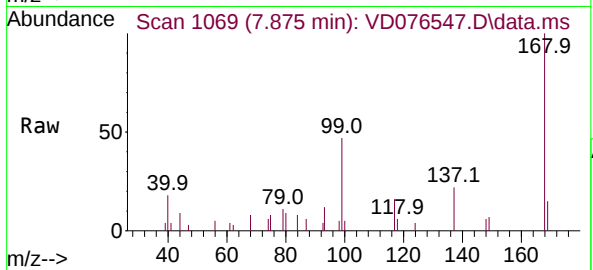
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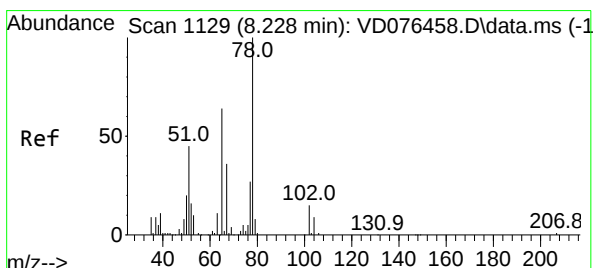
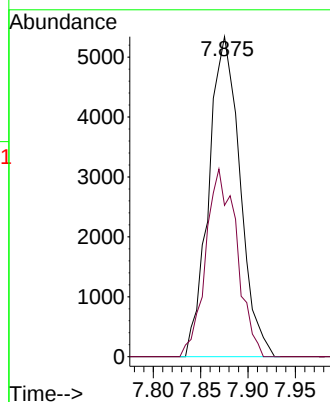
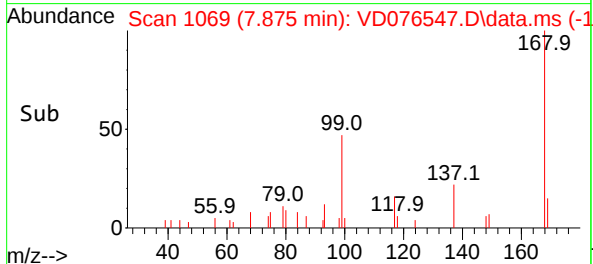


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076547.D
Acq: 22 Jun 2023 19:12

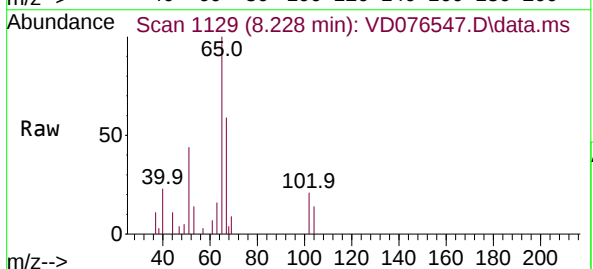
Instrument :
MSVOA_D
ClientSampleId :
TP1



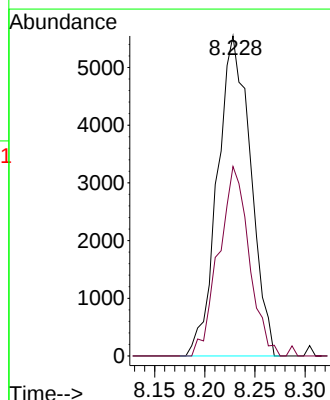
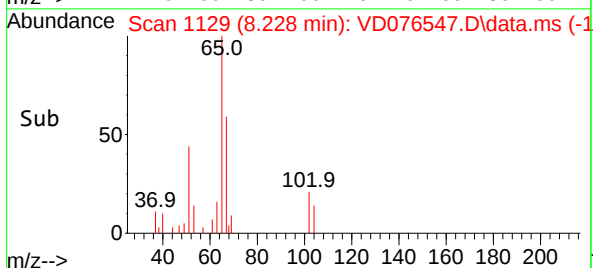
Tgt Ion:168 Resp: 12283
Ion Ratio Lower Upper
168 100
99 47.3 36.7 55.1

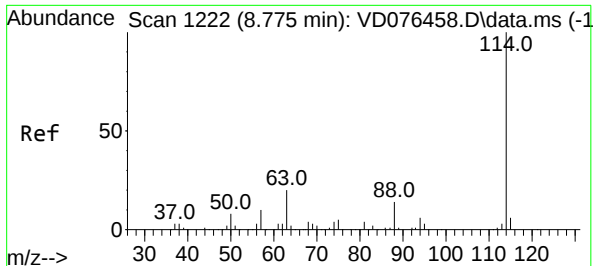


#33
1,2-Dichloroethane-d4
Concen: 103.417 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076547.D
Acq: 22 Jun 2023 19:12



Tgt Ion: 65 Resp: 12727
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076547.D

Acq: 22 Jun 2023 19:12

Instrument :

MSVOA_D

ClientSampleId :

TP1

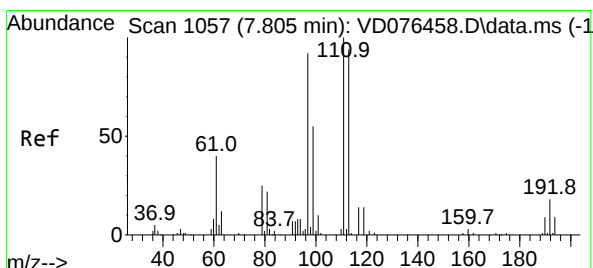
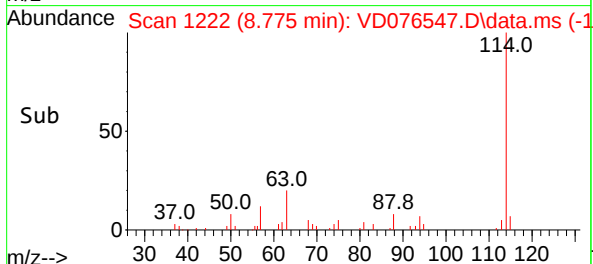
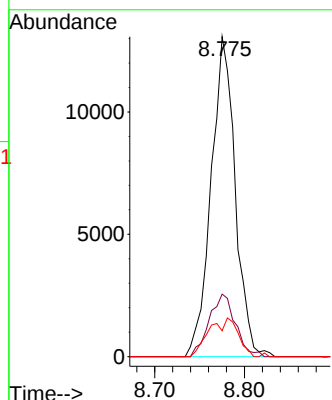
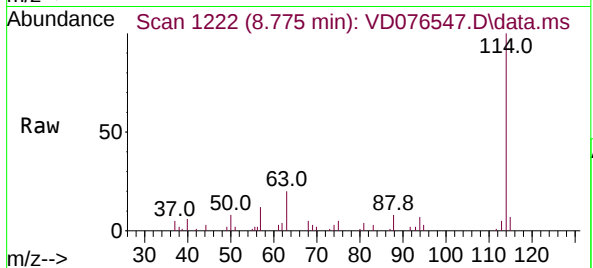
Tgt Ion:114 Resp: 24432

Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.4

88 8.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 65.170 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076547.D

Acq: 22 Jun 2023 19:12

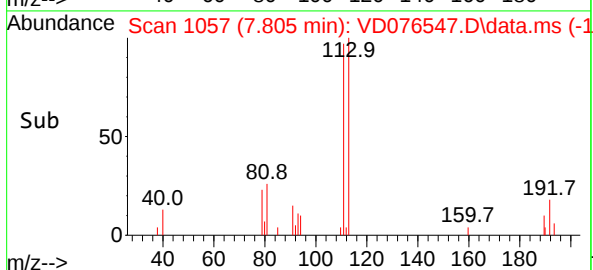
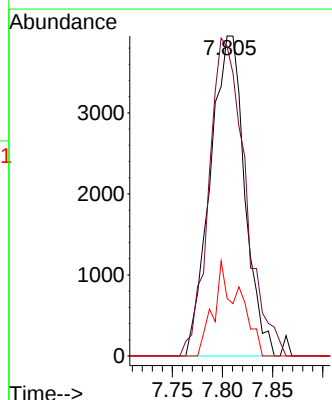
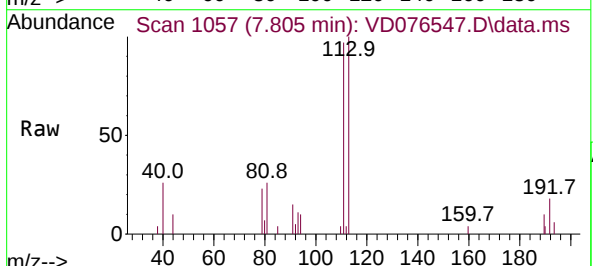
Tgt Ion:113 Resp: 9459

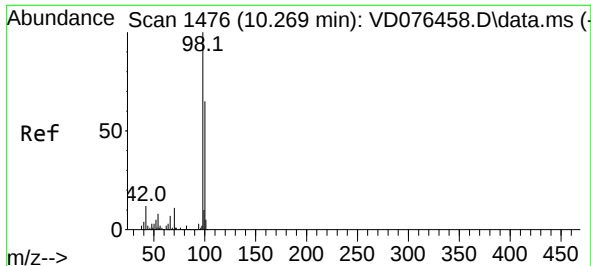
Ion Ratio Lower Upper

113 100

111 104.5 84.7 127.1

192 22.4 16.8 25.2

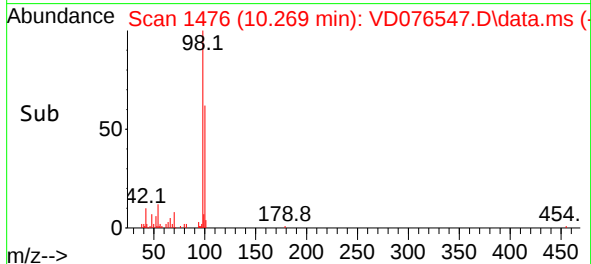
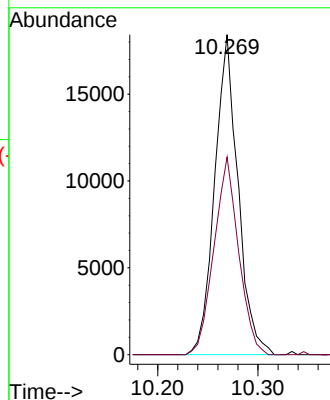
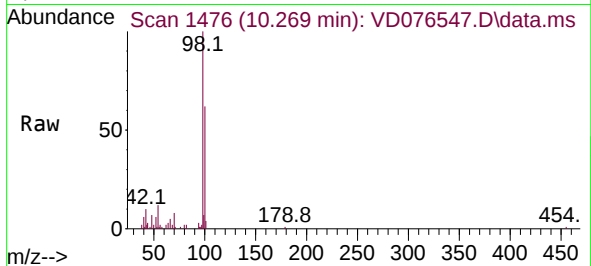




#50
Toluene-d8
Concen: 53.978 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076547.D
Acq: 22 Jun 2023 19:12

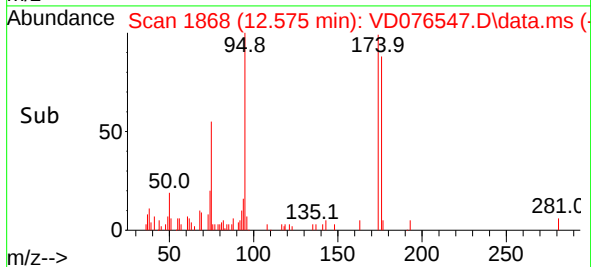
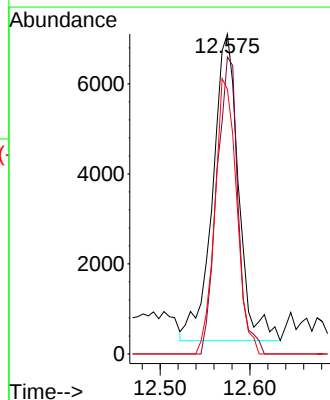
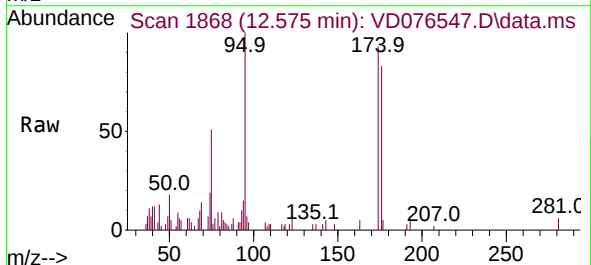
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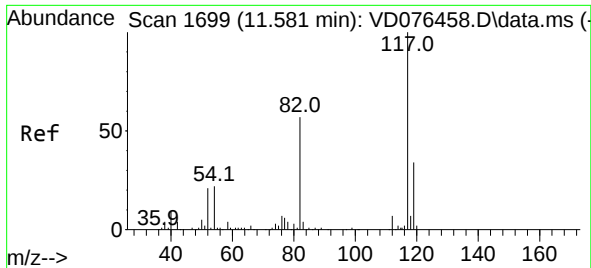
Tgt Ion: 98 Resp: 29712
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 76.515 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076547.D
Acq: 22 Jun 2023 19:12

Tgt Ion: 95 Resp: 13669
Ion Ratio Lower Upper
95 100
174 79.2 0.0 201.8
176 75.3 0.0 191.8

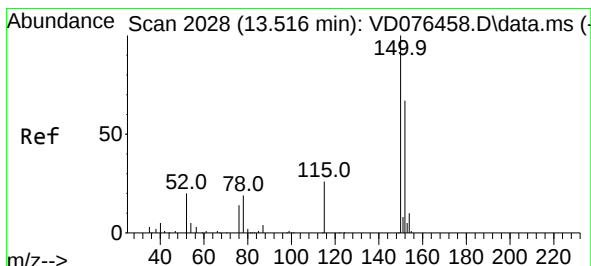
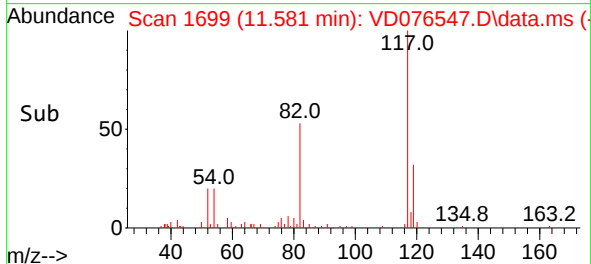
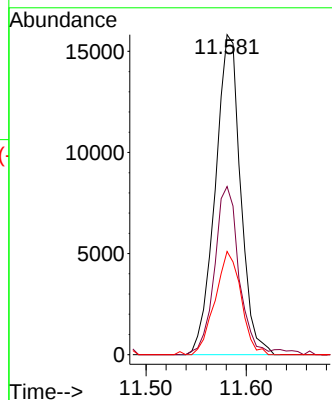
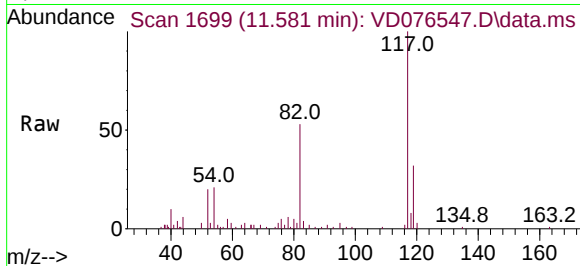




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076547.D
Acq: 22 Jun 2023 19:12

Instrument :
MSVOA_D
ClientSampleId :
TP1

Tgt Ion:	117	Resp:	27726
Ion	Ratio	Lower	Upper
117	100		
82	52.5	38.3	57.5
119	32.3	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD076547.D
Acq: 22 Jun 2023 19:12

Tgt Ion:	152	Resp:	15892
Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.1	81.3
150	141.2	0.0	353.6

