

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076526.D
 Acq On : 21 Jun 2023 21:52
 Operator : KP/SY
 Sample : 03331-07
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 22 02:04:42 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	137824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	235751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	66068	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82179	59.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.020%
35) Dibromofluoromethane	7.804	113	82749	59.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.160%
50) Toluene-d8	10.269	98	279613	52.644	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.280%
62) 4-Bromofluorobenzene	12.575	95	70769	41.054	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.100%

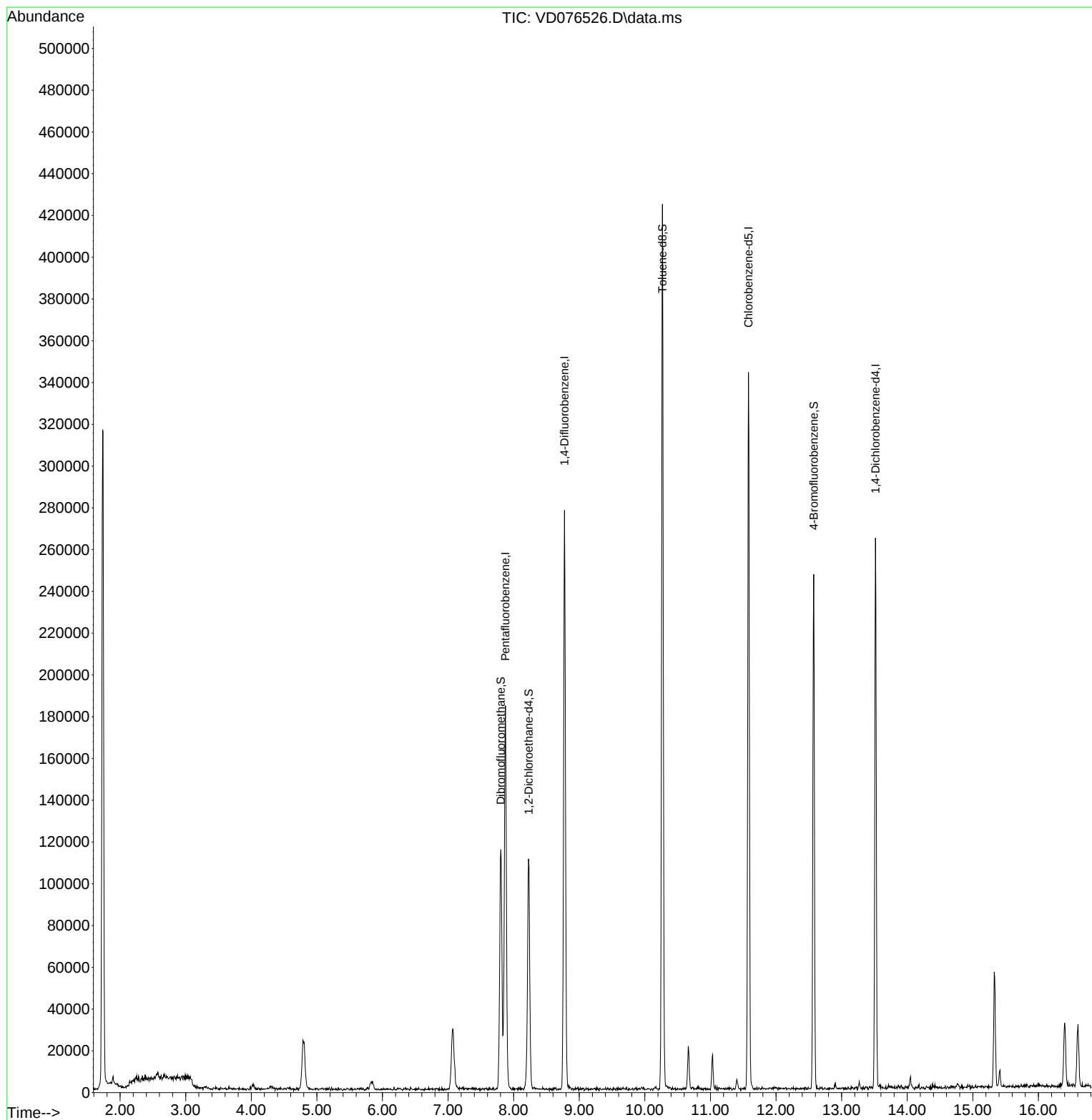
Target Compounds	Qvalue

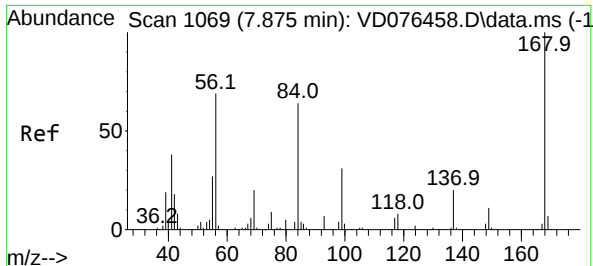
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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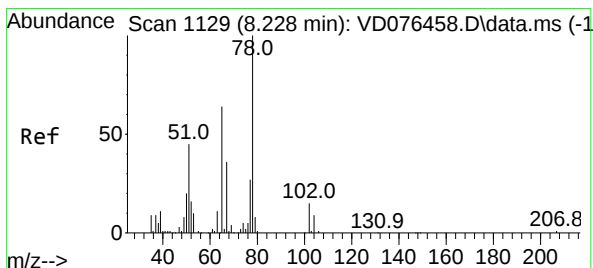
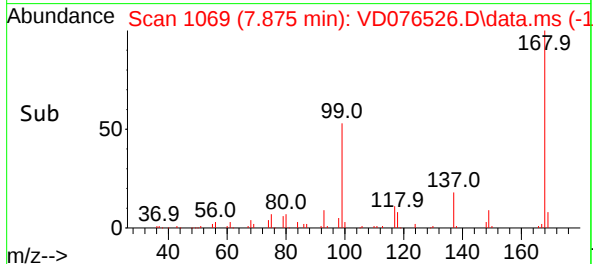
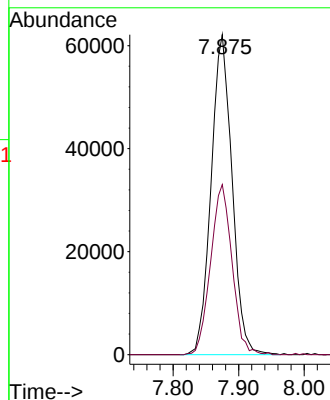
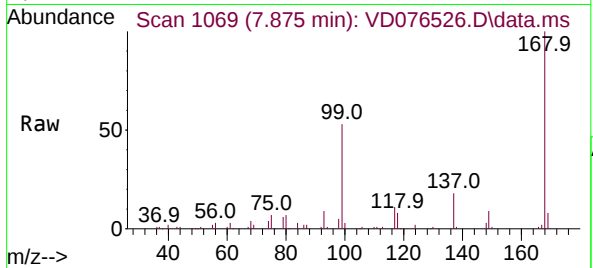




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076526.D
Acq: 21 Jun 2023 21:52

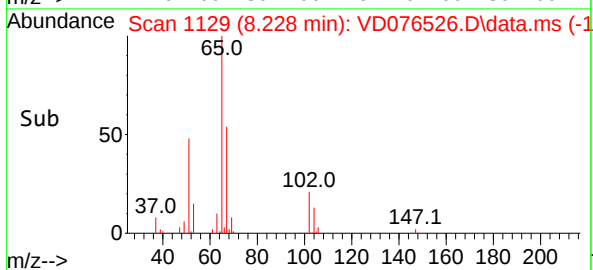
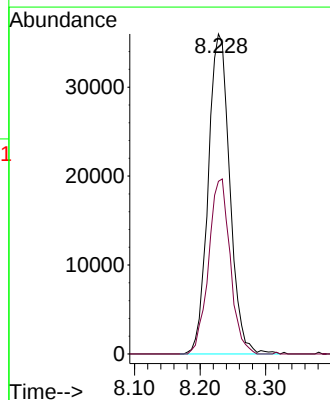
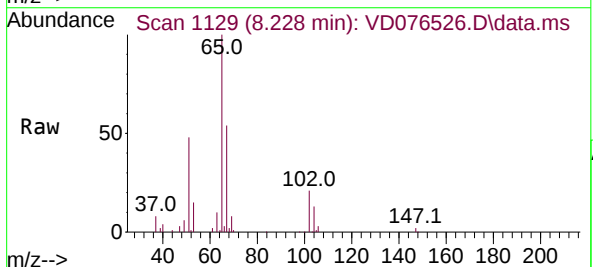
Instrument :
MSVOA_D
ClientSampleId :
TRIP-BLANK

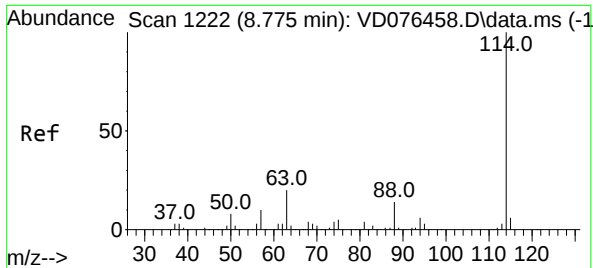
Tgt Ion:168 Resp: 137824
Ion Ratio Lower Upper
168 100
99 53.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 59.512 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076526.D
Acq: 21 Jun 2023 21:52

Tgt Ion: 65 Resp: 82179
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0

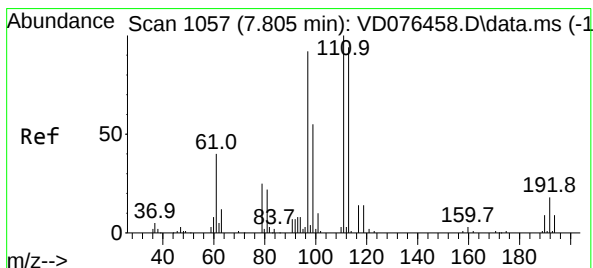
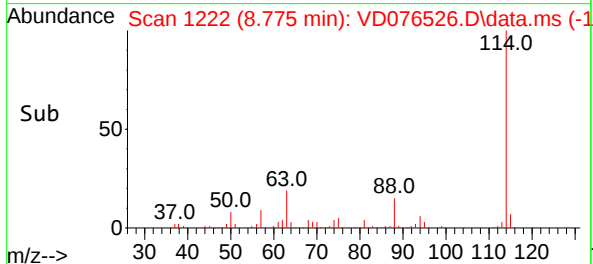
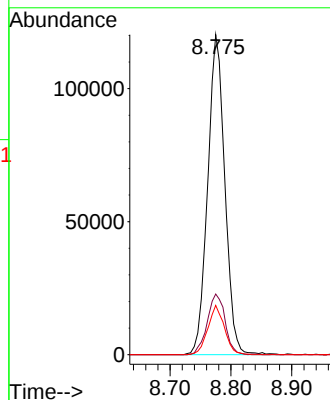
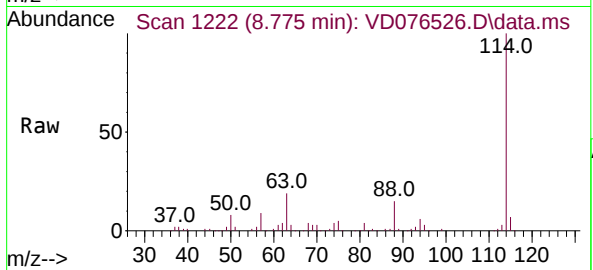




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076526.D
Acq: 21 Jun 2023 21:52

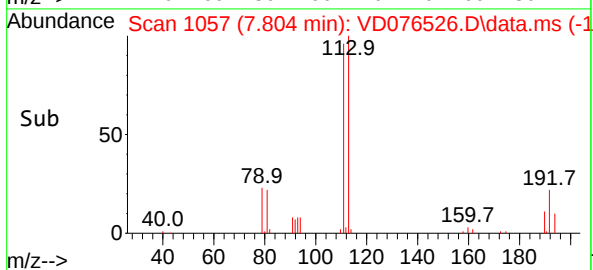
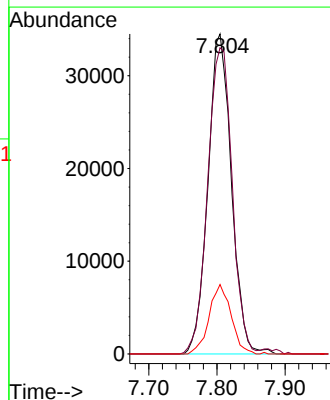
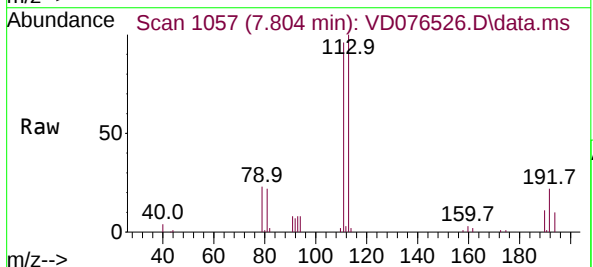
Instrument :
MSVOA_D
ClientSampleId :
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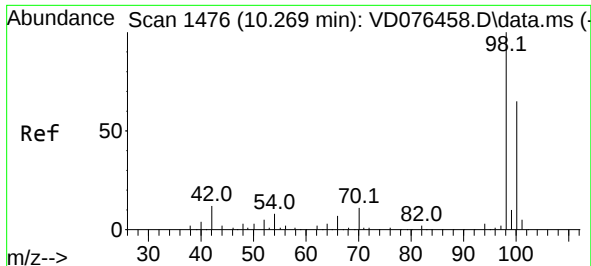
Tgt Ion:114 Resp: 235751
Ion Ratio Lower Upper
114 100
63 19.0 0.0 33.4
88 15.4 0.0 26.2



#35
Dibromofluoromethane
Concen: 59.084 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076526.D
Acq: 21 Jun 2023 21:52

Tgt Ion:113 Resp: 82749
Ion Ratio Lower Upper
113 100
111 99.7 84.7 127.1
192 20.3 16.8 25.2

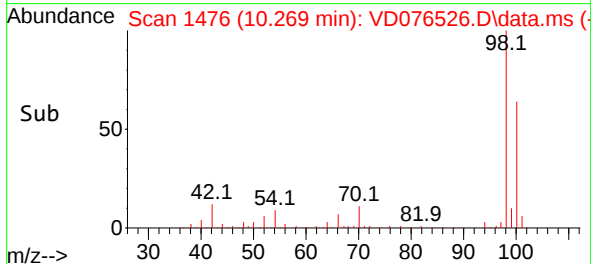
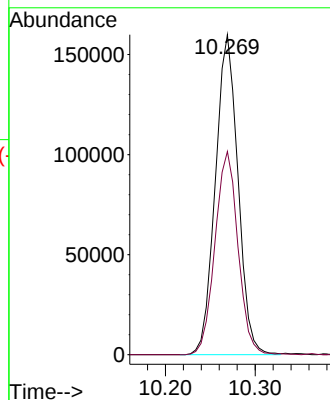
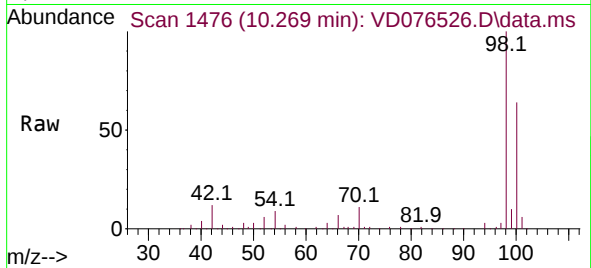




#50
Toluene-d8
Concen: 52.644 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076526.D
Acq: 21 Jun 2023 21:52

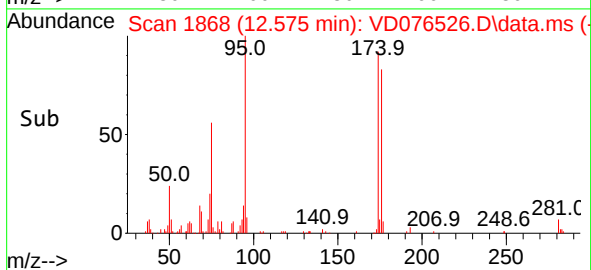
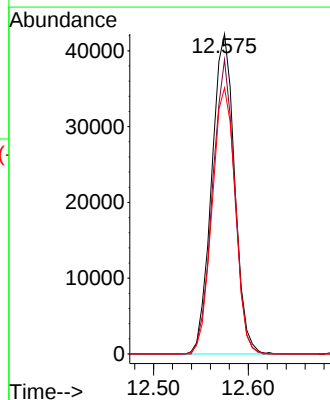
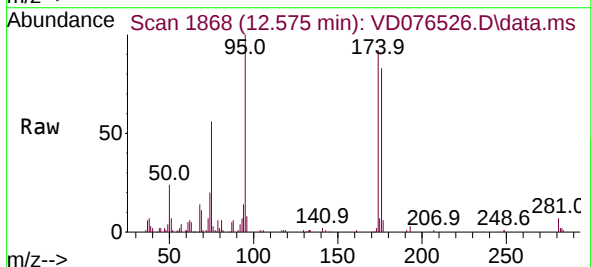
Instrument :
MSVOA_D
ClientSampleId :
TRIP-BLANK

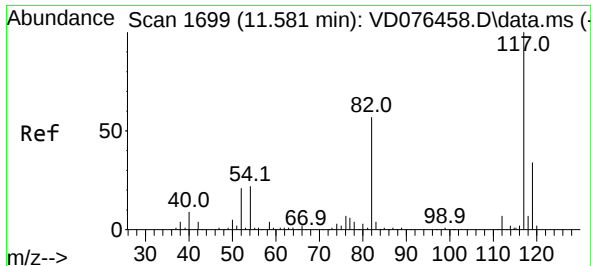
Tgt Ion: 98 Resp: 279613
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.054 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076526.D
Acq: 21 Jun 2023 21:52

Tgt Ion: 95 Resp: 70769
Ion Ratio Lower Upper
95 100
174 88.3 0.0 201.8
176 84.3 0.0 191.8

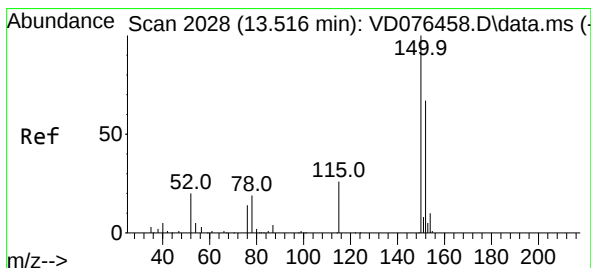
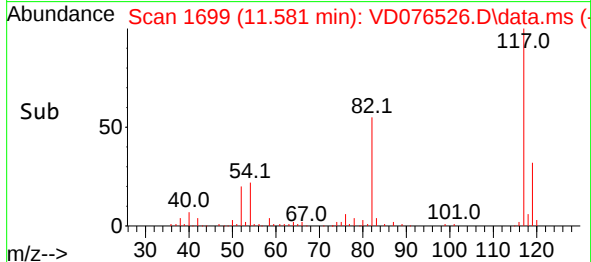
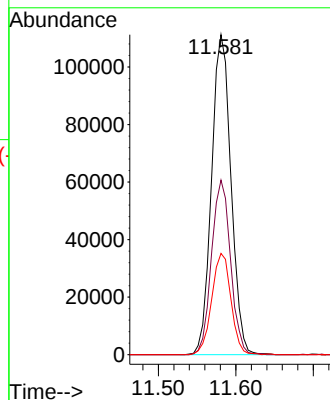
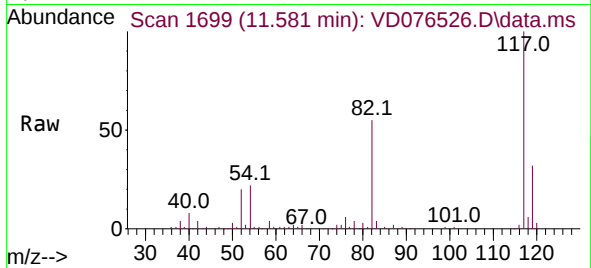




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076526.D
Acq: 21 Jun 2023 21:52

Instrument :
MSVOA_D
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 193799
Ion Ratio Lower Upper
117 100
82 54.5 38.3 57.5
119 31.6 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: VD076526.D
Acq: 21 Jun 2023 21:52

Tgt Ion:152 Resp: 66068
Ion Ratio Lower Upper
152 100
115 58.1 27.1 81.3
150 156.0 0.0 353.6

