

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076514.D
 Acq On : 21 Jun 2023 15:51
 Operator : KP/SY
 Sample : 03336-16
 Misc : 5.75G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Jun 22 01:59:59 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	164837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	295063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	276707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	128507	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85013	51.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.960%
35) Dibromofluoromethane	7.804	113	92049	52.513	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.020%
50) Toluene-d8	10.269	98	354830	53.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.760%
62) 4-Bromofluorobenzene	12.575	95	106900	49.549	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.100%

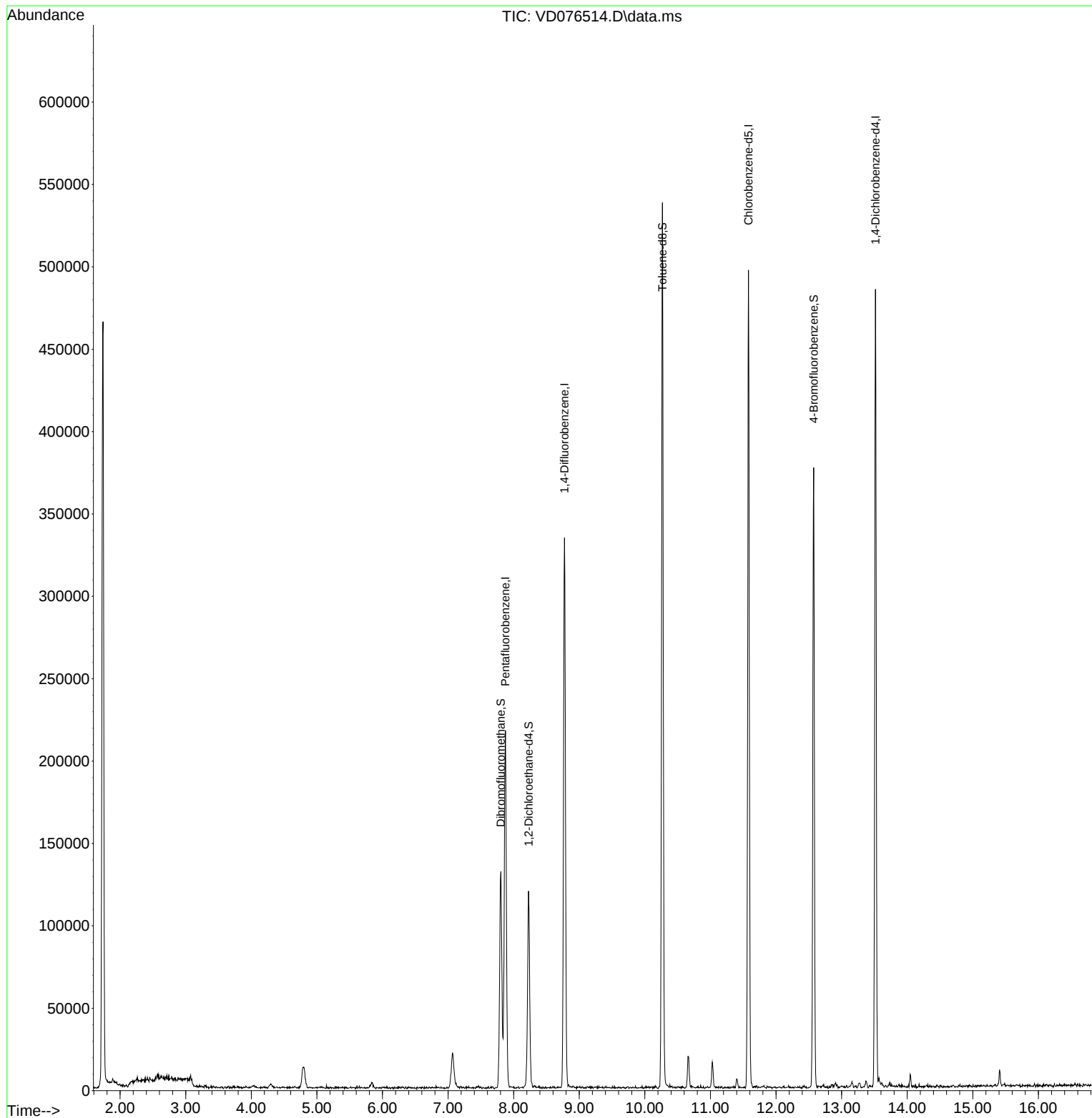
Target Compounds	Qvalue

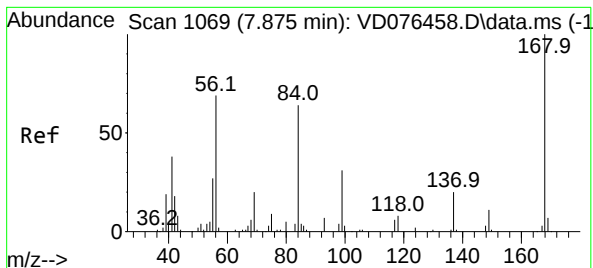
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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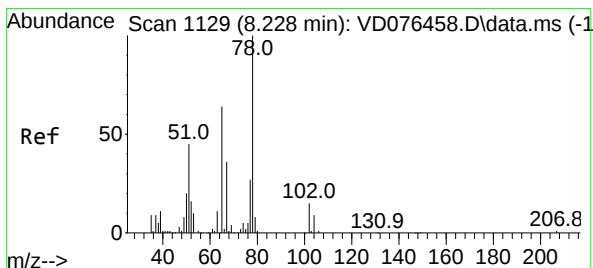
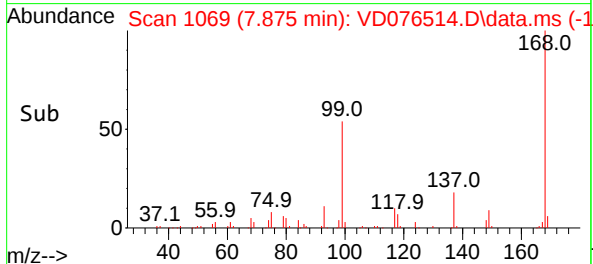
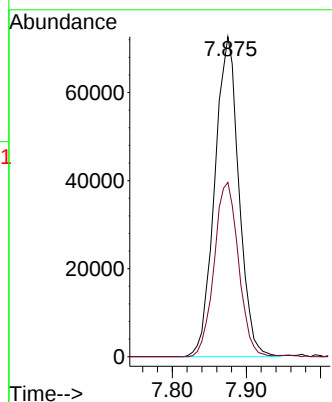
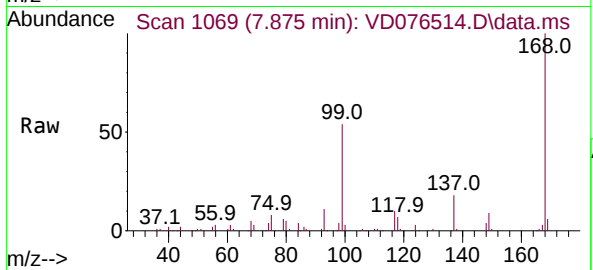




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076514.D
Acq: 21 Jun 2023 15:51

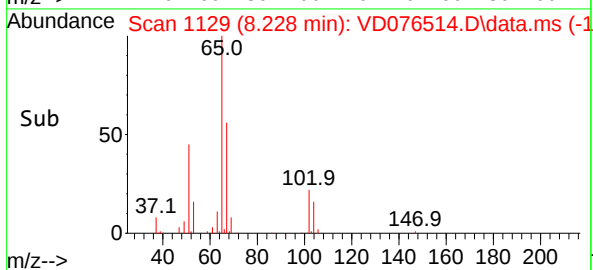
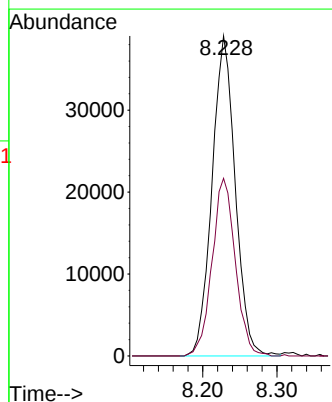
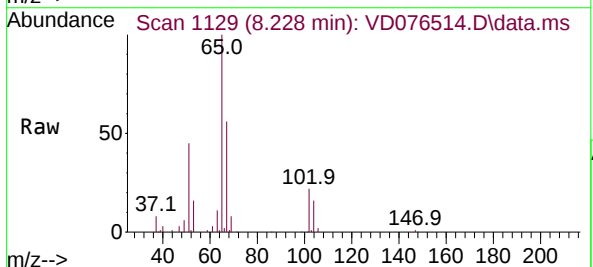
Instrument :
MSVOA_D
ClientSampleId :
WC-1

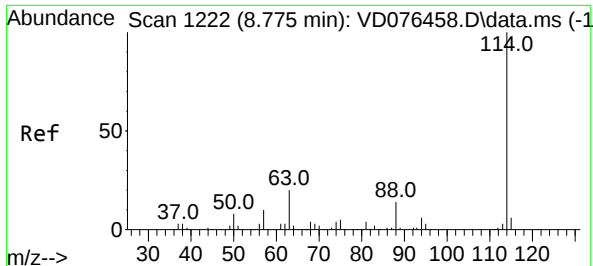
Tgt Ion:168 Resp: 164837
Ion Ratio Lower Upper
168 100
99 54.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 51.475 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076514.D
Acq: 21 Jun 2023 15:51

Tgt Ion: 65 Resp: 85013
Ion Ratio Lower Upper
65 100
67 55.5 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: VD076514.D

Acq: 21 Jun 2023 15:51

Instrument :

MSVOA_D

ClientSampleId :

WC-1

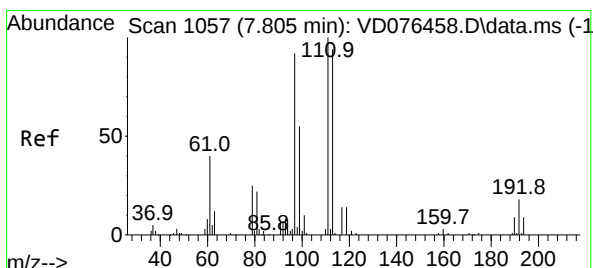
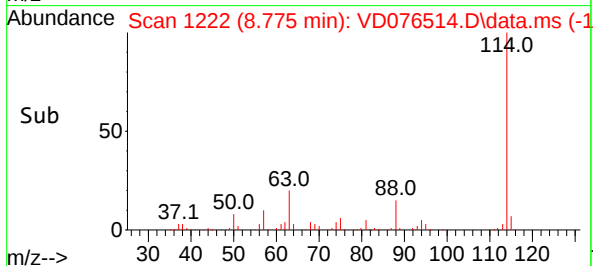
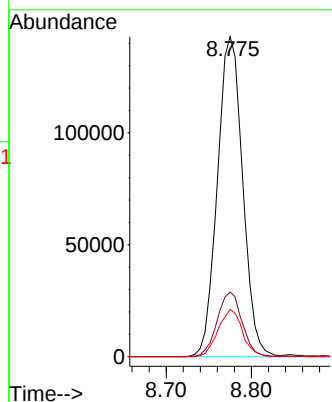
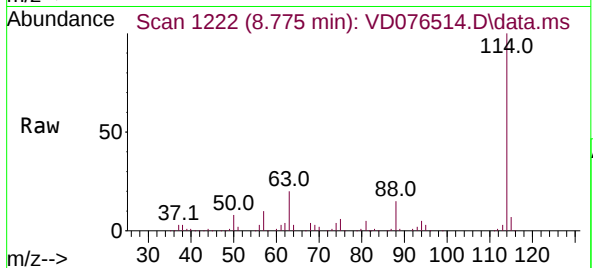
Tgt Ion:114 Resp: 295063

Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 14.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.513 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076514.D

Acq: 21 Jun 2023 15:51

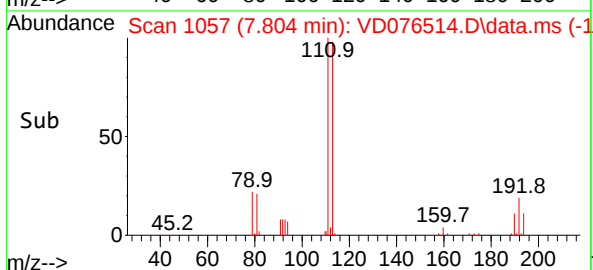
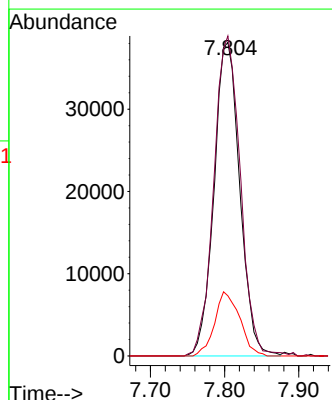
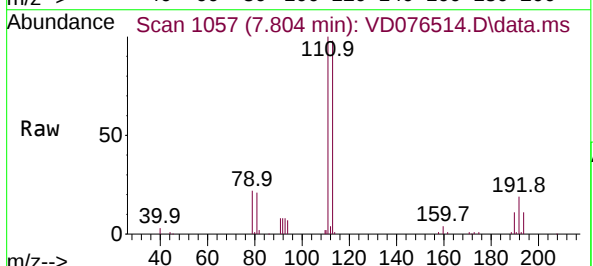
Tgt Ion:113 Resp: 92049

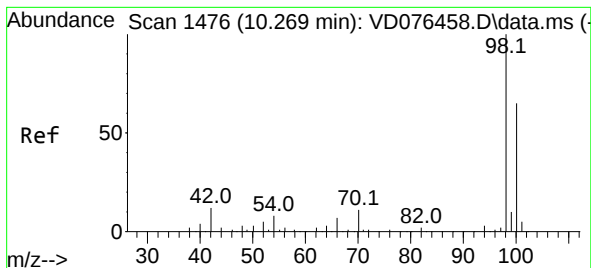
Ion Ratio Lower Upper

113 100

111 105.1 84.7 127.1

192 19.9 16.8 25.2

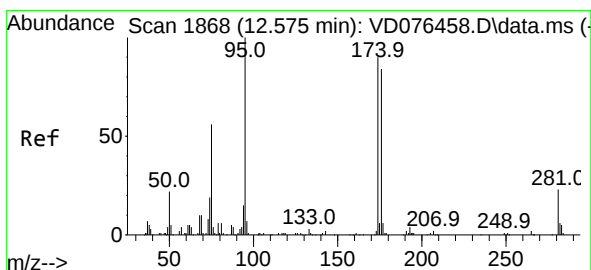
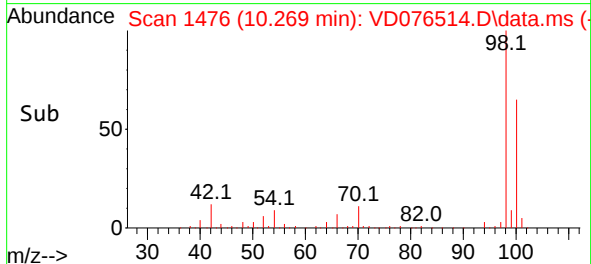
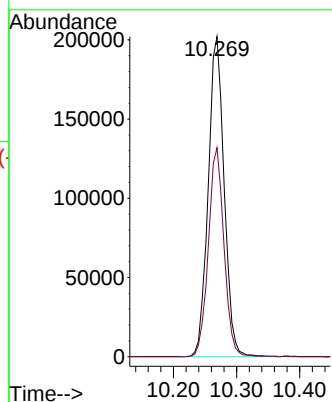
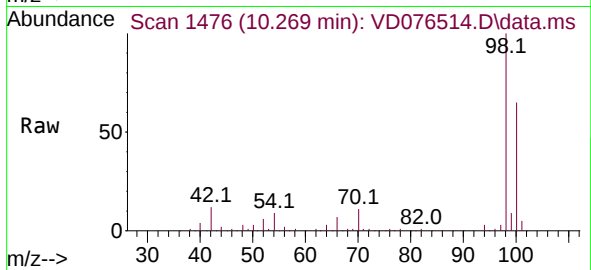




#50
Toluene-d8
Concen: 53.376 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076514.D
Acq: 21 Jun 2023 15:51

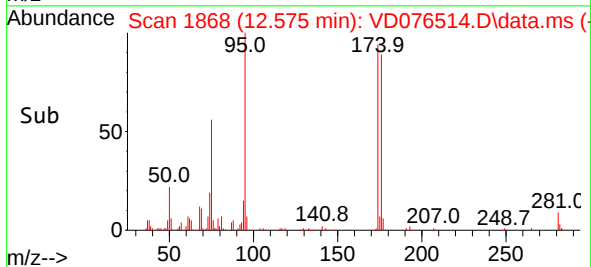
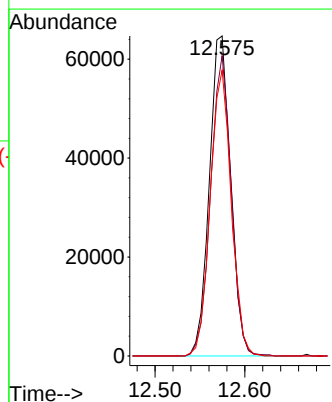
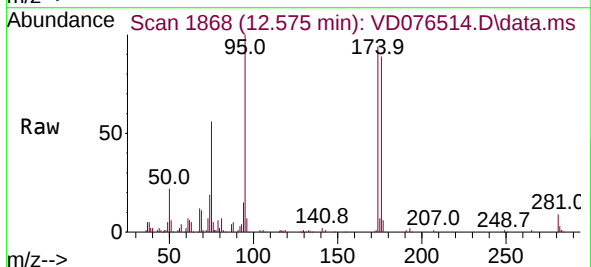
Instrument :
MSVOA_D
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WC-1

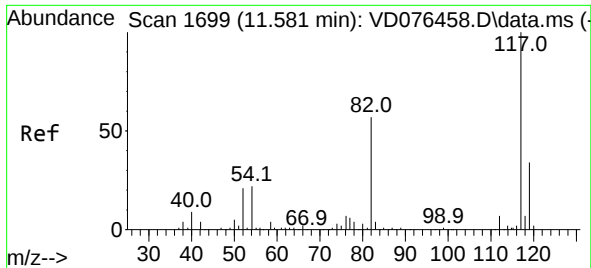
Tgt Ion: 98 Resp: 354830
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.549 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076514.D
Acq: 21 Jun 2023 15:51

Tgt Ion: 95 Resp: 106900
Ion Ratio Lower Upper
95 100
174 90.5 0.0 201.8
176 87.5 0.0 191.8

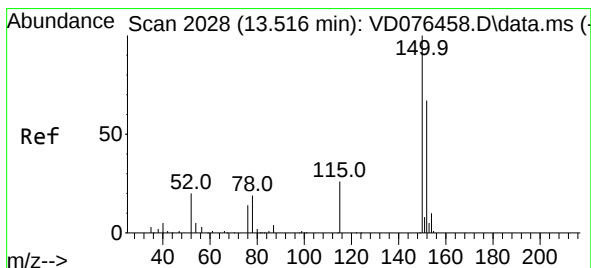
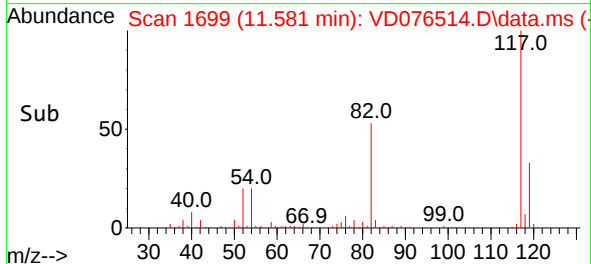
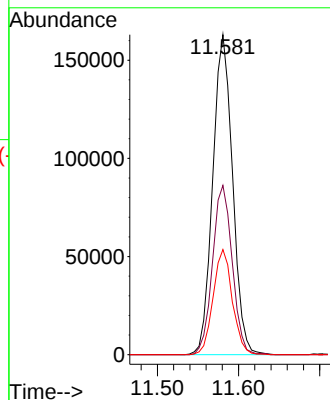
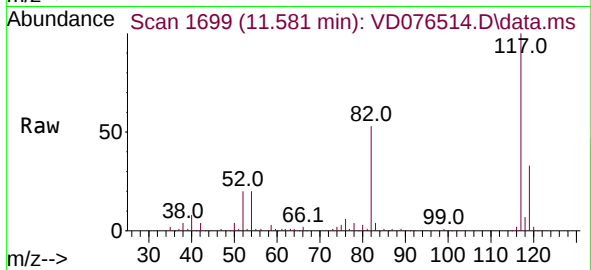




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076514.D
Acq: 21 Jun 2023 15:51

Instrument :
MSVOA_D
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 276707
Ion Ratio Lower Upper
117 100
82 52.9 38.3 57.5
119 32.9 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: VD076514.D
Acq: 21 Jun 2023 15:51

Tgt Ion:152 Resp: 128507
Ion Ratio Lower Upper
152 100
115 54.4 27.1 81.3
150 153.9 0.0 353.6

