

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076545.D
 Acq On : 22 Jun 2023 18:12
 Operator : KP/SY
 Sample : 03365-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2

Quant Time: Jun 23 06:37:19 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	7.869	168	145077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	252514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	227960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73919	50.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.700%
35) Dibromofluoromethane	7.804	113	74718	49.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.269	98	278917	49.027	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.575	95	83813	45.394	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.780%

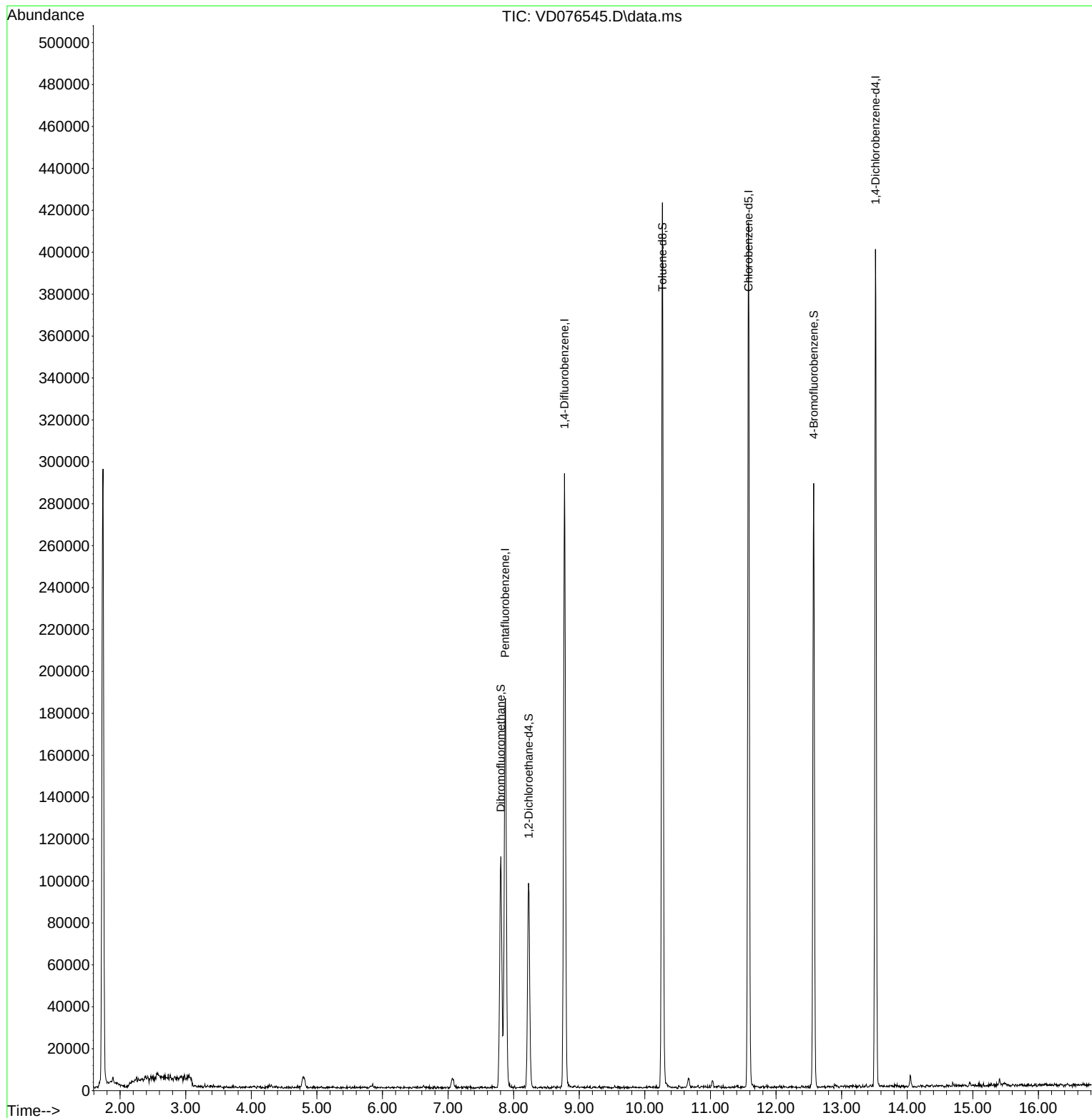
Target Compounds	Qvalue

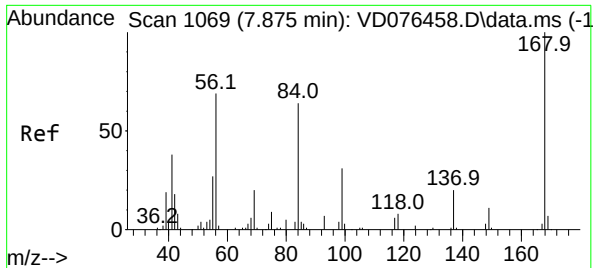
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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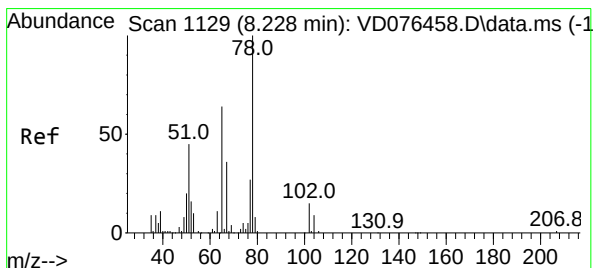
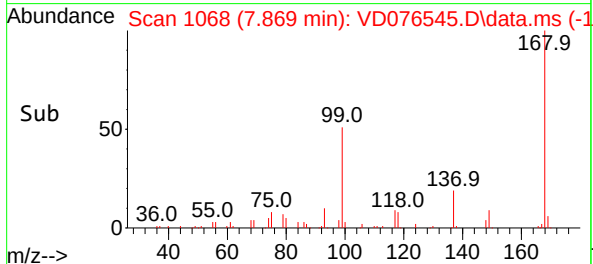
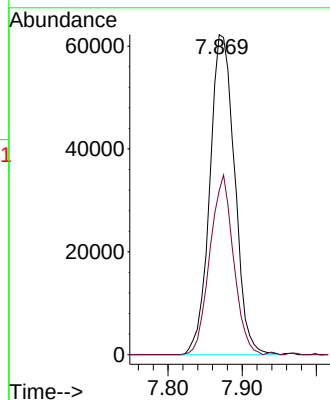
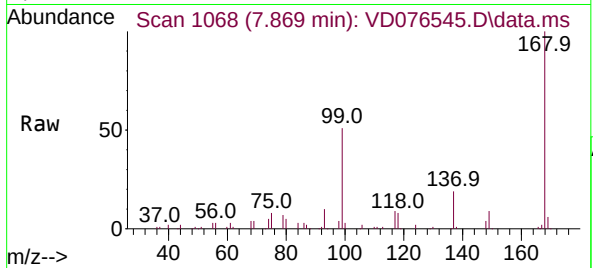




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

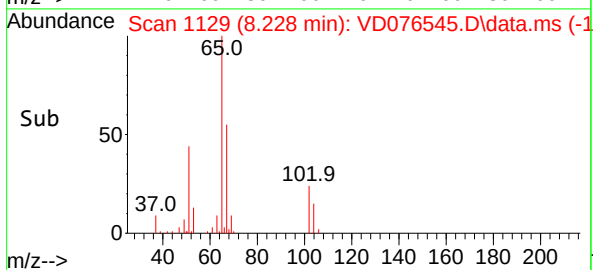
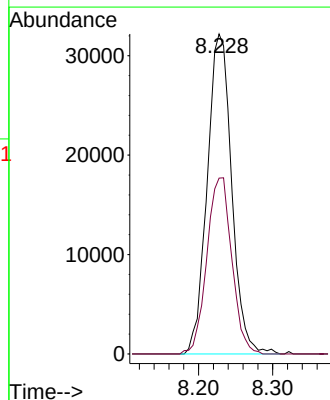
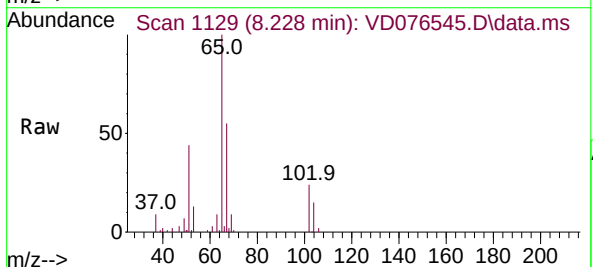
Instrument :
MSVOA_D
ClientSampleId :
TP2

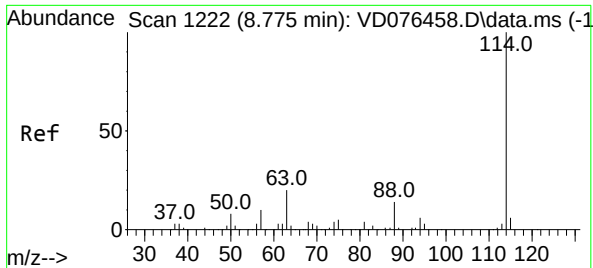
Tgt Ion:168 Resp: 145077
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 50.854 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Tgt Ion: 65 Resp: 73919
Ion Ratio Lower Upper
65 100
67 56.1 0.0 115.0

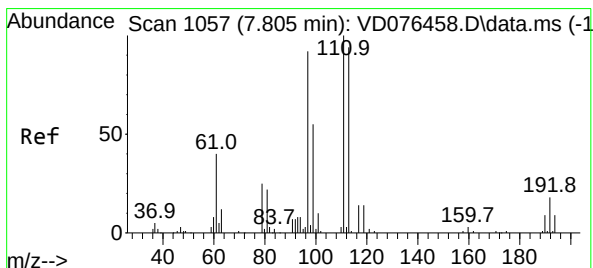
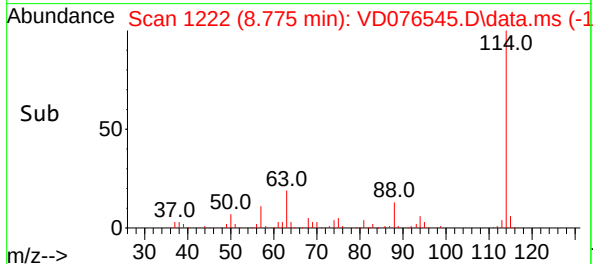
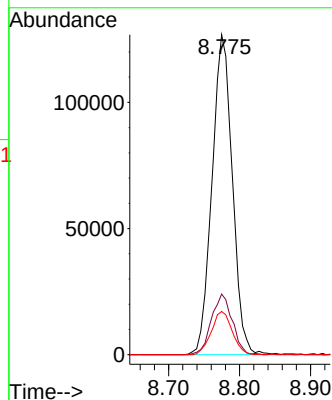
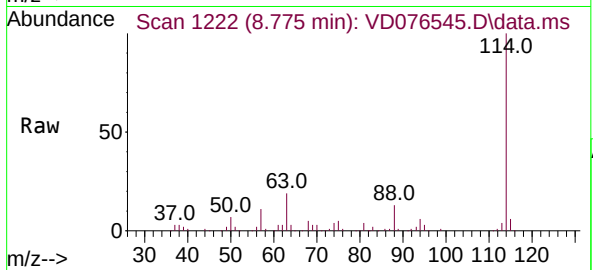




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

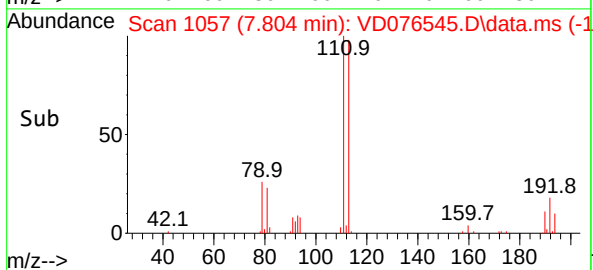
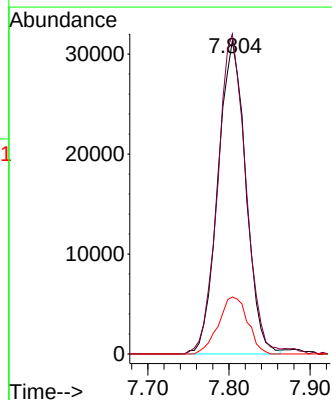
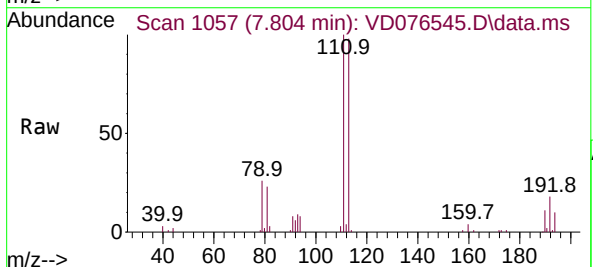
Instrument :
MSVOA_D
ClientSampleId :
TP2

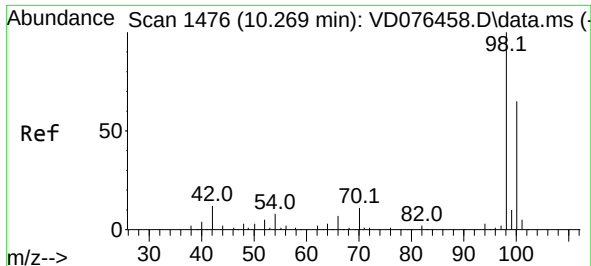
Tgt Ion:114 Resp: 252514
Ion Ratio Lower Upper
114 100
63 18.9 0.0 33.4
88 13.5 0.0 26.2



#35
Dibromofluoromethane
Concen: 49.809 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Tgt Ion:113 Resp: 74718
Ion Ratio Lower Upper
113 100
111 103.7 84.7 127.1
192 19.0 16.8 25.2

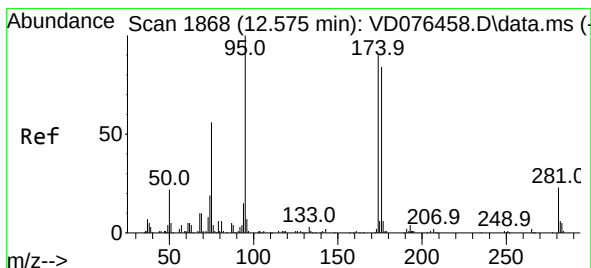
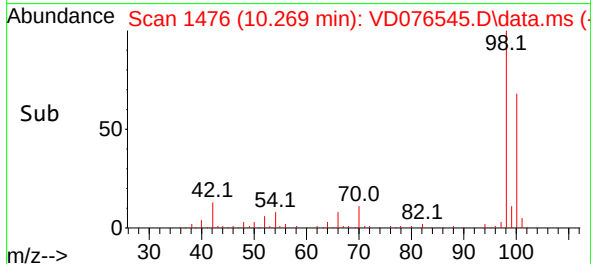
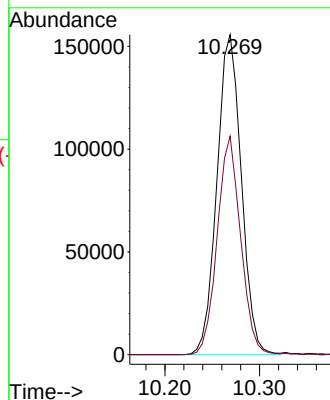
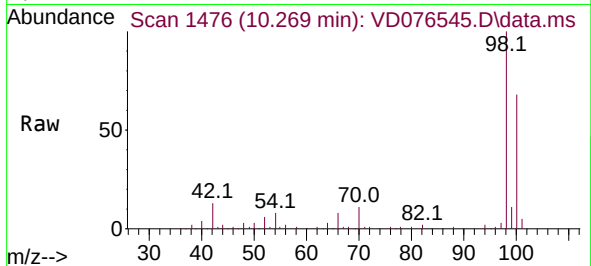




#50
Toluene-d8
Concen: 49.027 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

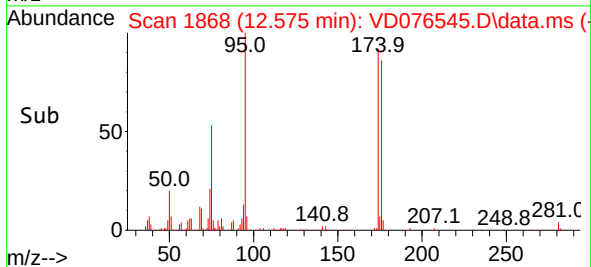
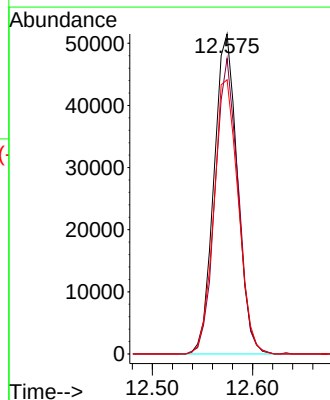
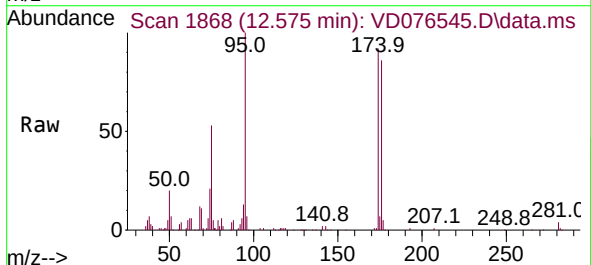
Instrument :
MSVOA_D
ClientSampleId :
TP2

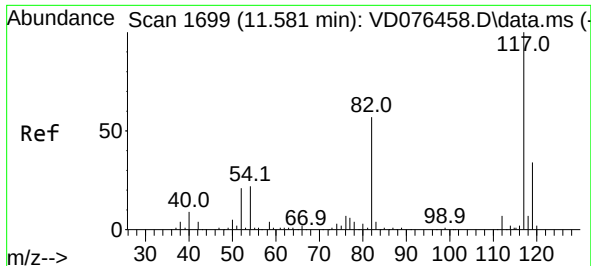
Tgt Ion: 98 Resp: 278917
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.394 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Tgt Ion: 95 Resp: 83813
Ion Ratio Lower Upper
95 100
174 90.3 0.0 201.8
176 88.9 0.0 191.8

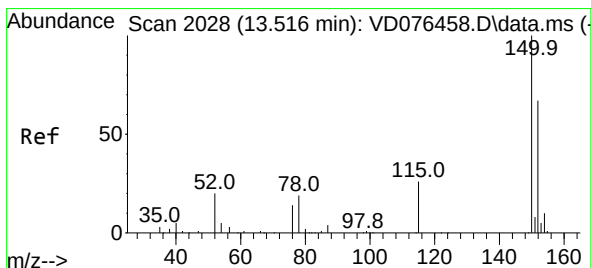
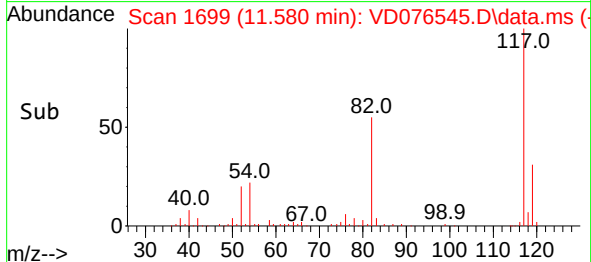
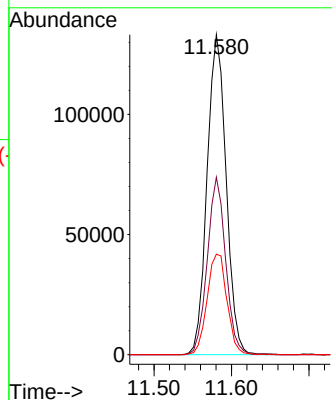
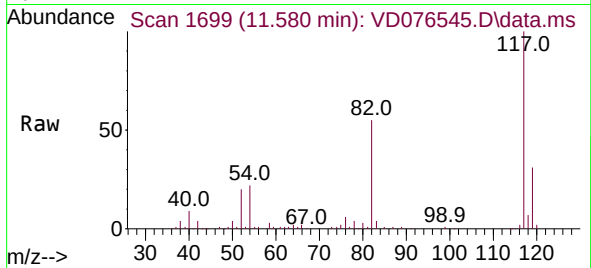




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Instrument :
MSVOA_D
ClientSampleId :
TP2

Tgt Ion:117 Resp: 227960
Ion Ratio Lower Upper
117 100
82 55.5 38.3 57.5
119 31.4 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: VD076545.D
Acq: 22 Jun 2023 18:12

Tgt Ion:152 Resp: 103886
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.3
150 158.3 0.0 353.6

