

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014280.D
 Acq On : 20 Jun 2023 13:58
 Operator : KP/MD
 Sample : 03279-01RE
 Misc : 6.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOPSOIL-OU3-DENALI-1RE

Quant Time: Jun 21 02:07:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	175497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	281936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	240703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122894	50.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.580%
35) Dibromofluoromethane	7.716	113	92904	46.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.940%
50) Toluene-d8	10.179	98	334227	44.712	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.477	95	86842	32.704	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.400%

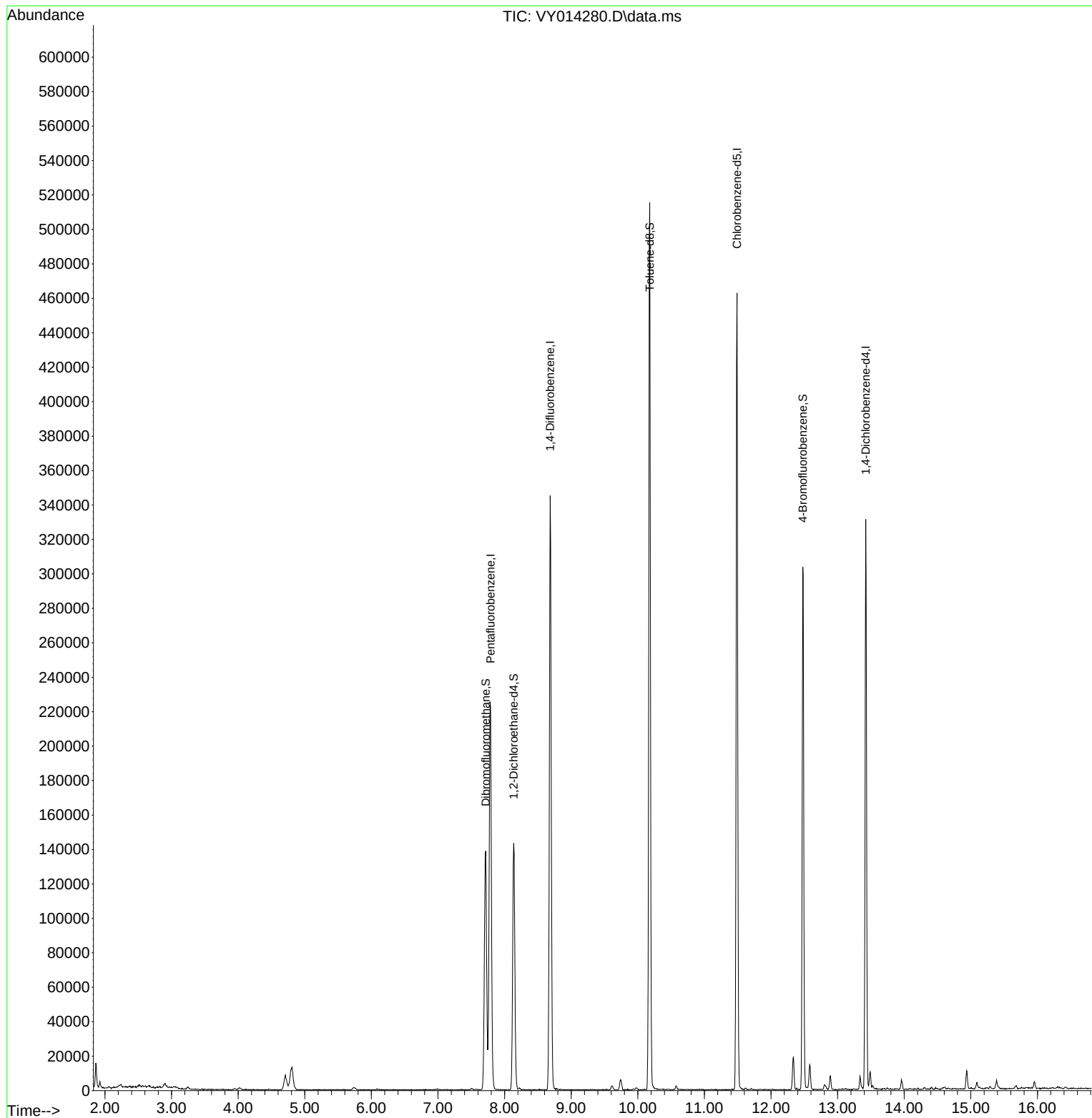
Target Compounds	Qvalue

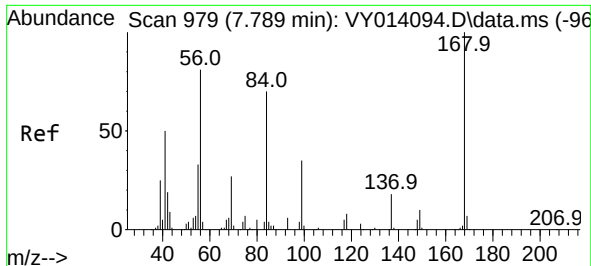
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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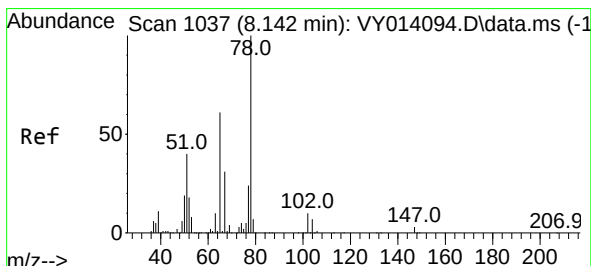
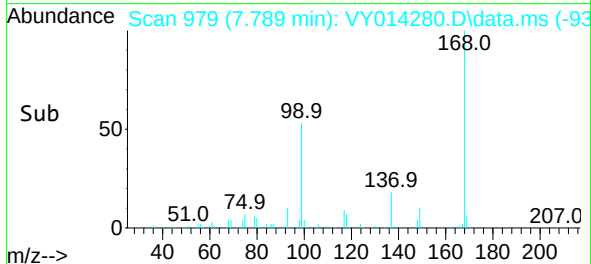
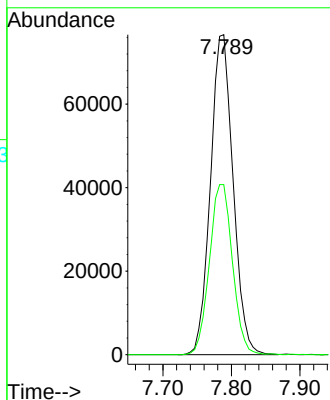
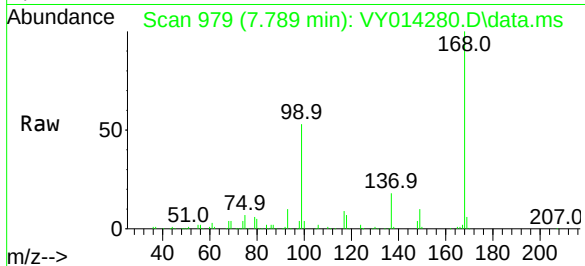




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014280.D
Acq: 20 Jun 2023 13:58

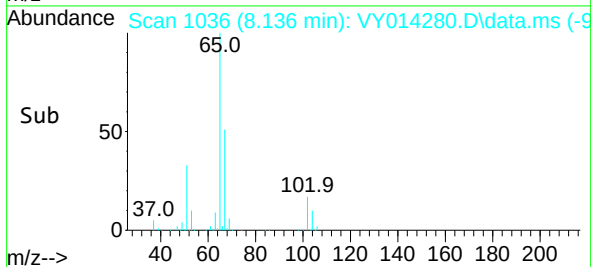
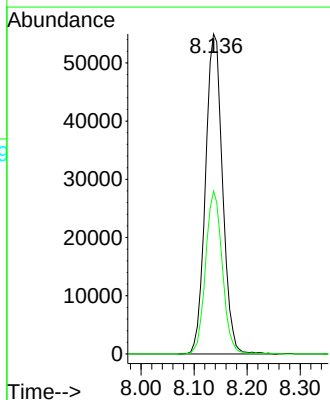
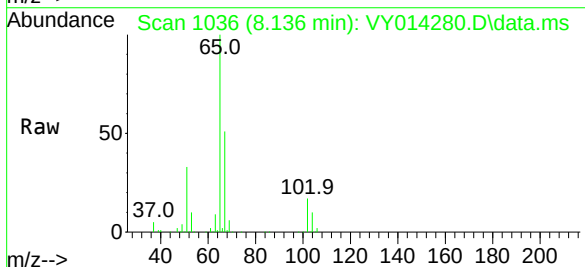
Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-OU3-DENALI-1RE

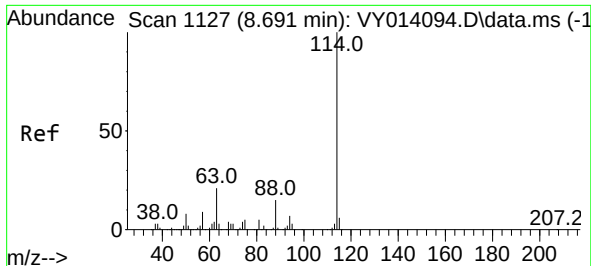
Tgt Ion:168 Resp: 175497
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.288 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014280.D
Acq: 20 Jun 2023 13:58

Tgt Ion: 65 Resp: 122894
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.8

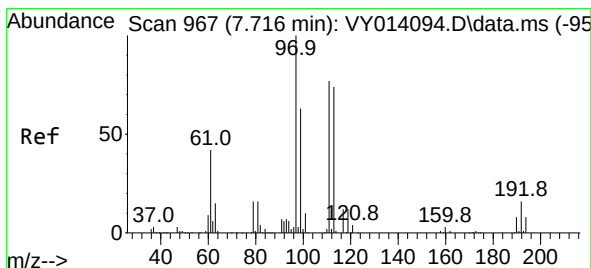
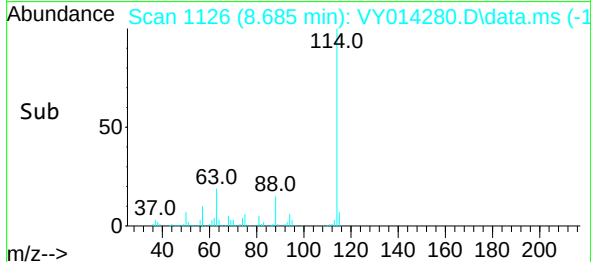
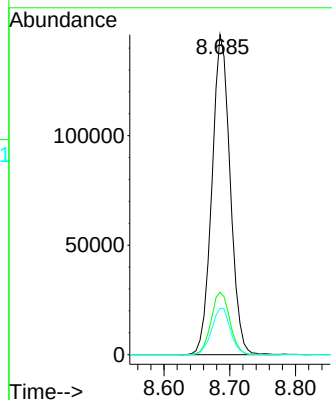
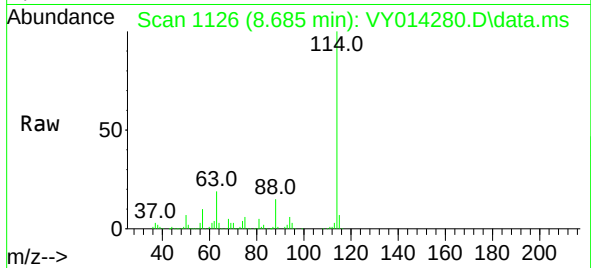




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014280.D
Acq: 20 Jun 2023 13:58

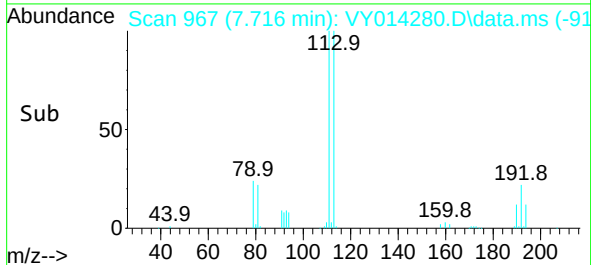
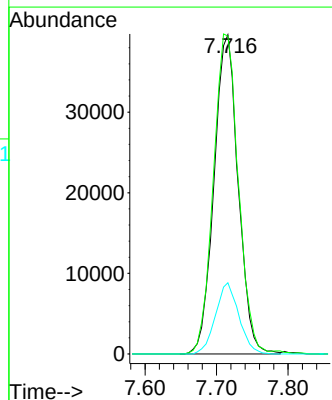
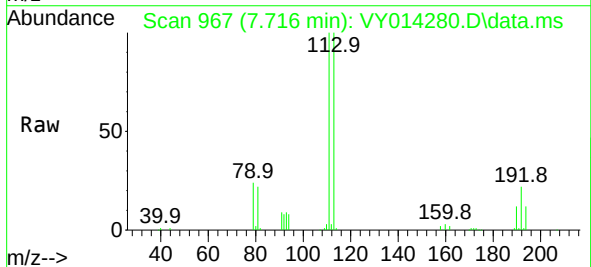
Instrument :
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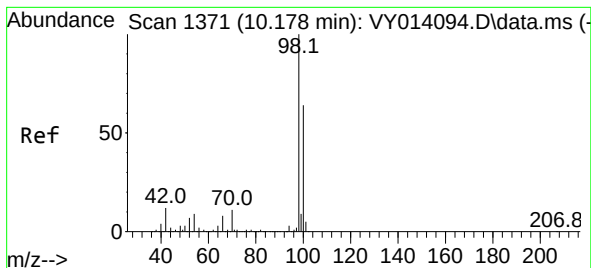
Tgt Ion:114 Resp: 281936
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.465 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014280.D
Acq: 20 Jun 2023 13:58

Tgt Ion:113 Resp: 92904
Ion Ratio Lower Upper
113 100
111 104.2 81.3 121.9
192 21.6 16.9 25.3





#50

Toluene-d8

Concen: 44.712 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014280.D

Acq: 20 Jun 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

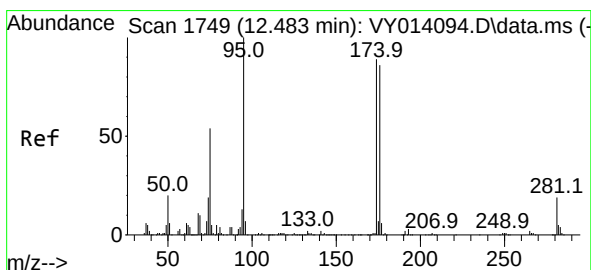
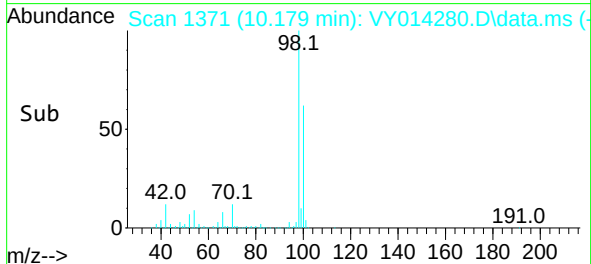
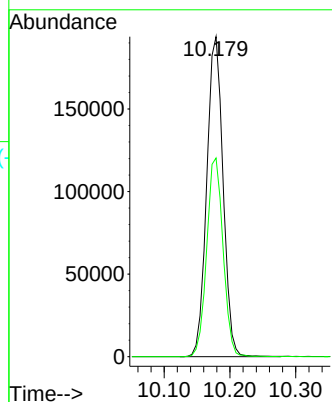
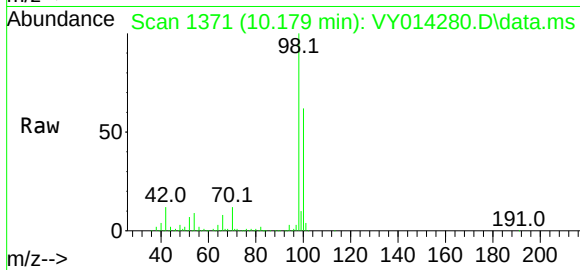
TOPSOIL-OU3-DENALI-1RE

Tgt Ion: 98 Resp: 334227

Ion Ratio Lower Upper

98 100

100 62.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 32.704 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014280.D

Acq: 20 Jun 2023 13:58

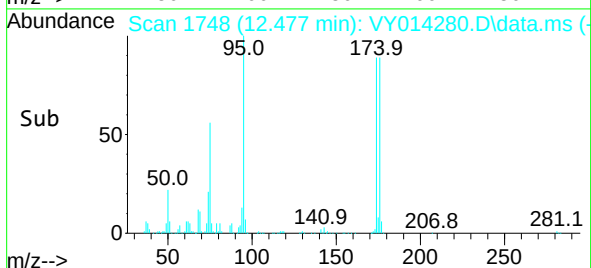
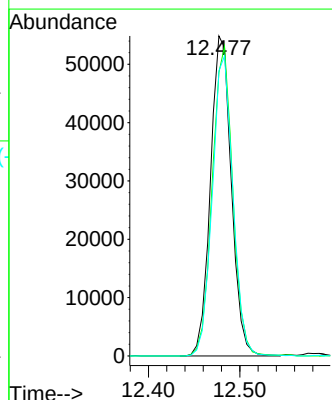
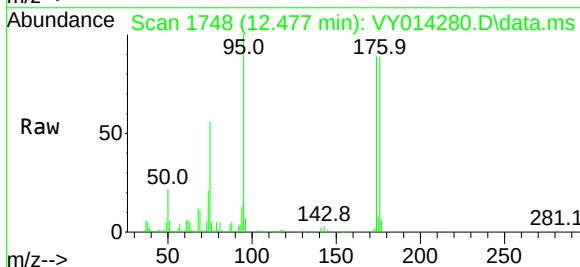
Tgt Ion: 95 Resp: 86842

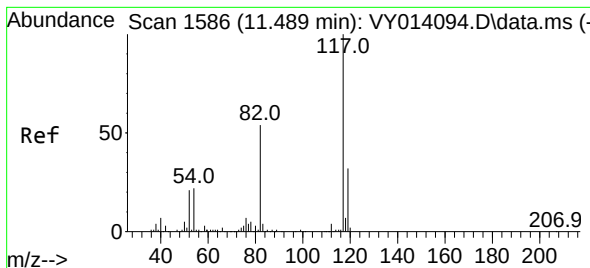
Ion Ratio Lower Upper

95 100

174 95.0 0.0 178.2

176 92.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014280.D

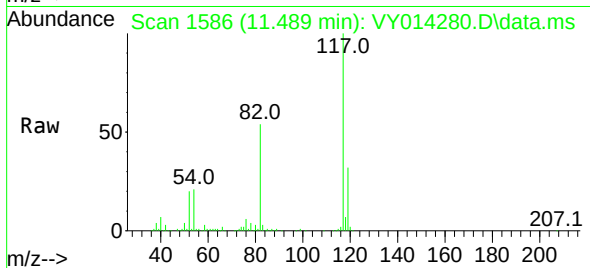
Acq: 20 Jun 2023 13:58

Instrument :

MSVOA_Y

ClientSampleId :

TOPSOIL-OU3-DENALI-1RE



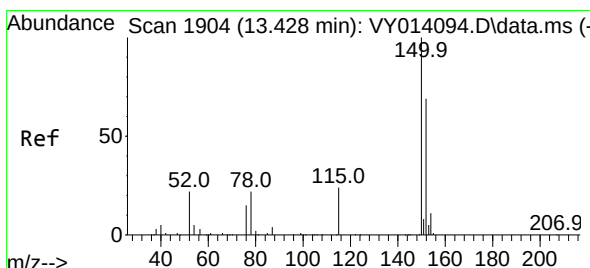
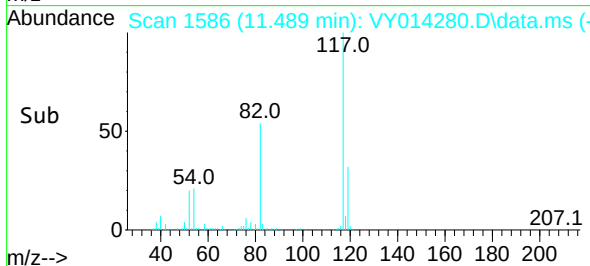
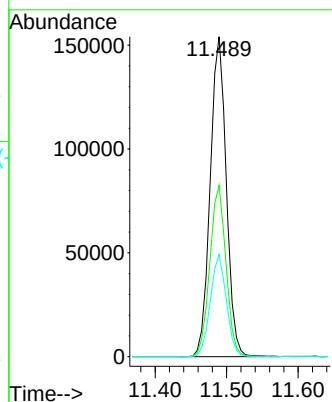
Tgt Ion:117 Resp: 240703

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014280.D

Acq: 20 Jun 2023 13:58

Tgt Ion:152 Resp: 84929

Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 155.7 0.0 348.8

