

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
 Data File : VY006851.D
 Acq On : 22 Nov 2021 14:19
 Operator : SY/MD
 Sample : M4801-01
 Misc : 5.59G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SITE-1-DRILL-CUTTINGS-20211119

Quant Time: Nov 23 04:47:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	88044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	149269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	144232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57353	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67214	58.248	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.500%
35) Dibromofluoromethane	7.722	113	47309	51.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.200%
50) Toluene-d8	10.185	98	190306	50.158	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.483	95	57817	45.202	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.400%

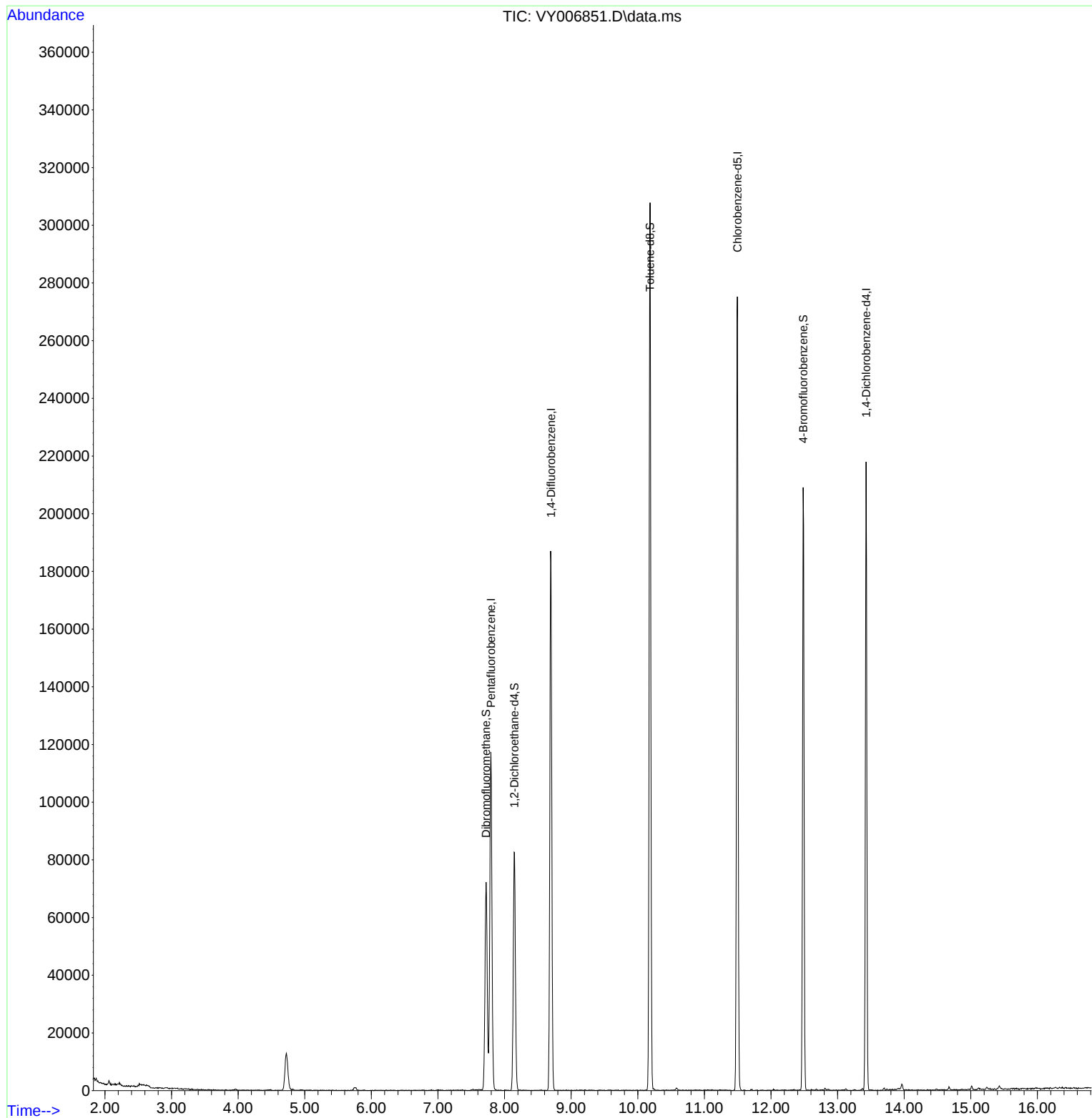
Target Compounds	Qvalue

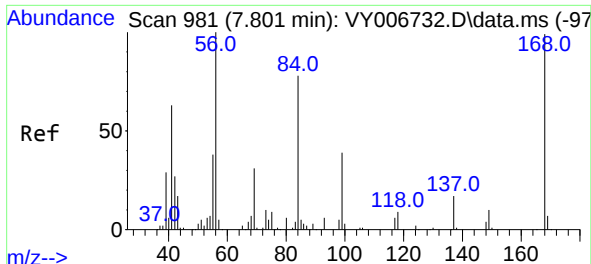
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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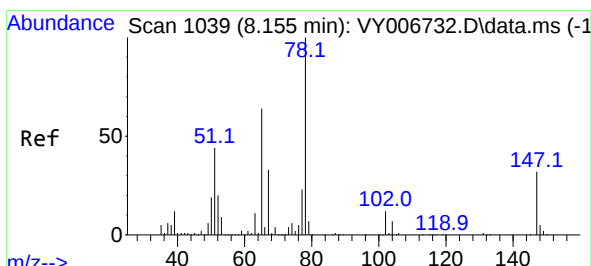
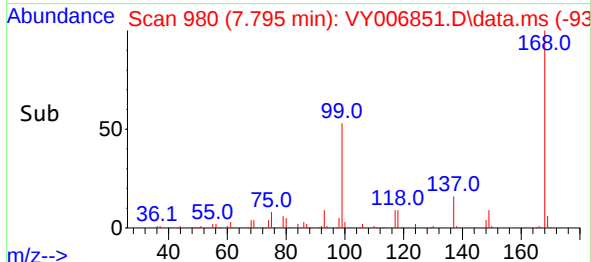
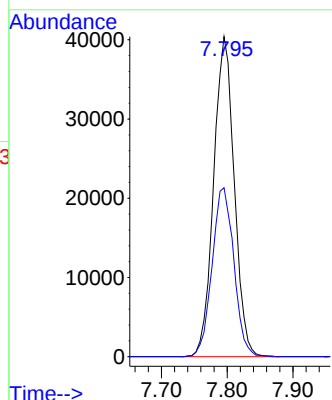
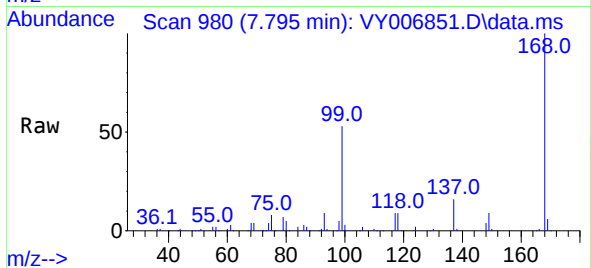




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

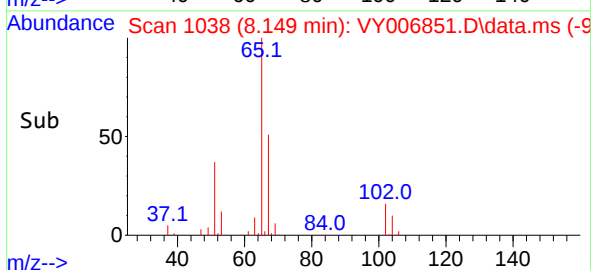
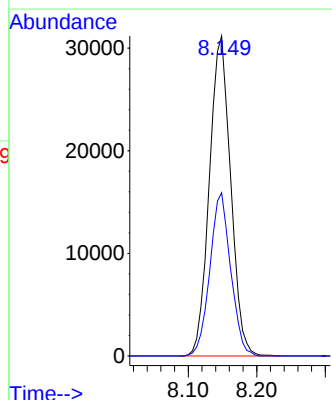
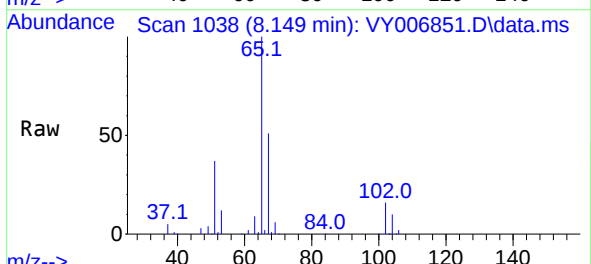
Instrument :
MSVOA_Y
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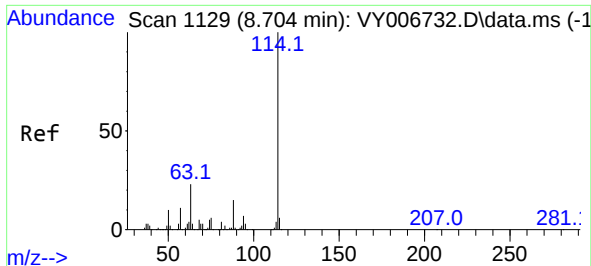
Tgt Ion:168 Resp: 88044
Ion Ratio Lower Upper
168 100
99 52.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 58.248 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

Tgt Ion: 65 Resp: 67214
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006851.D

Acq: 22 Nov 2021 14:19

Instrument :

MSVOA_Y

ClientSampleId :

SITE-1-DRILL-CUTTINGS-20211119

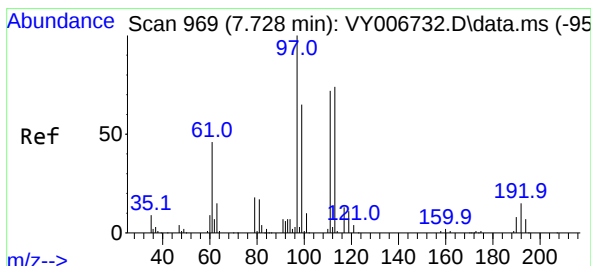
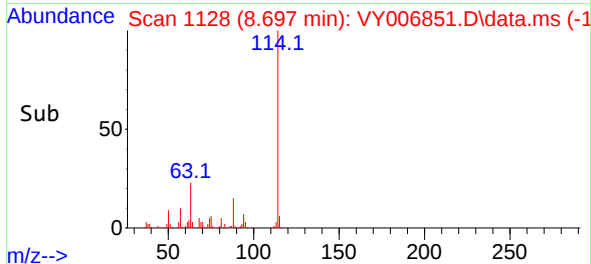
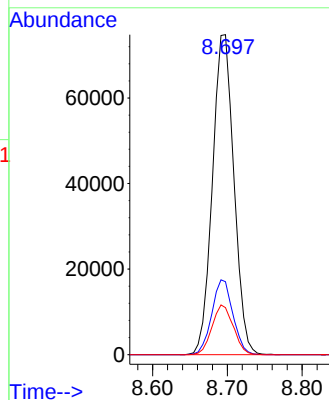
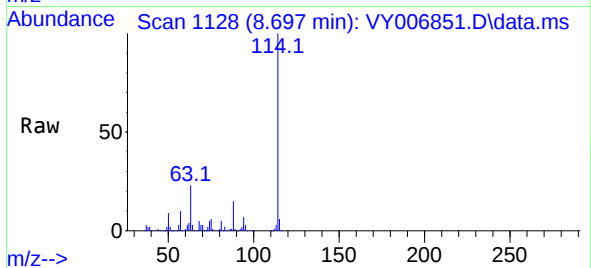
Tgt Ion:114 Resp: 149269

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.598 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006851.D

Acq: 22 Nov 2021 14:19

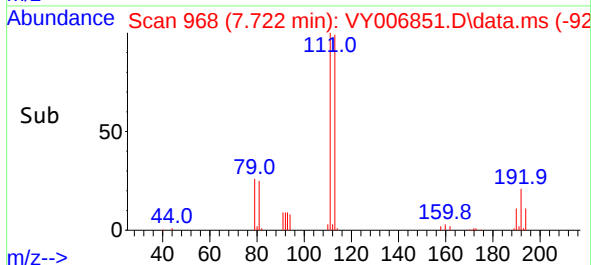
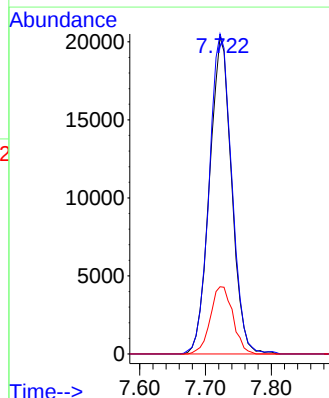
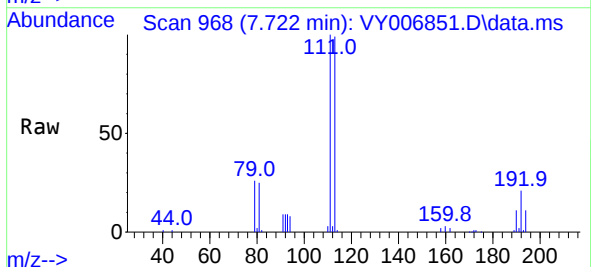
Tgt Ion:113 Resp: 47309

Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

192 21.7 17.4 26.2

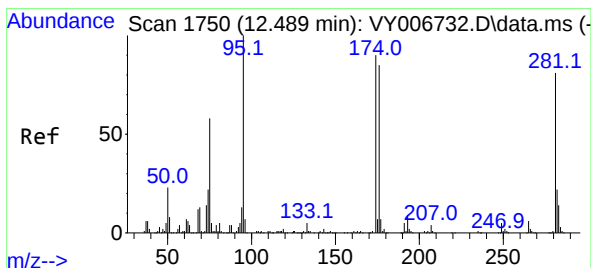
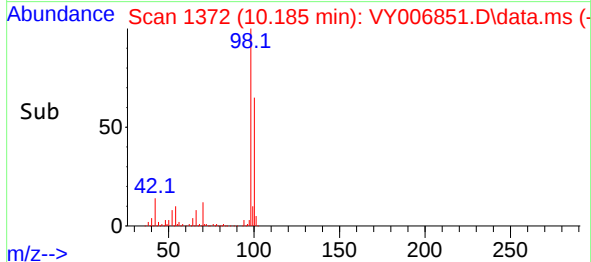
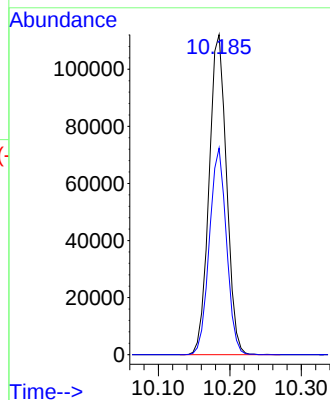
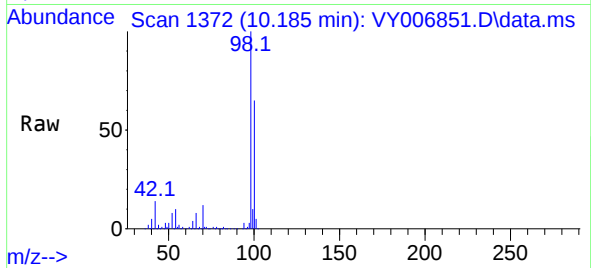




#50
Toluene-d8
Concen: 50.158 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

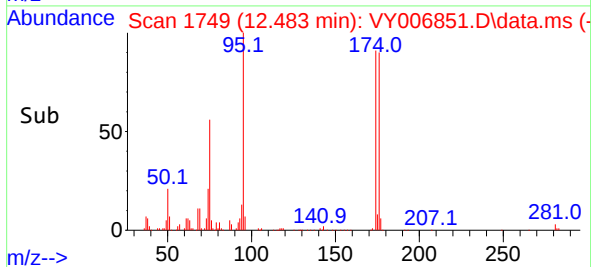
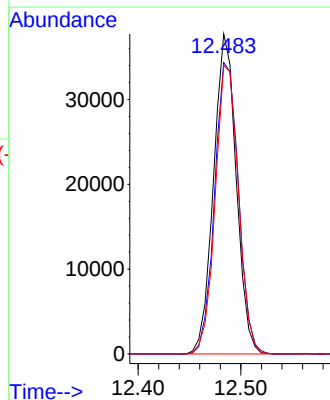
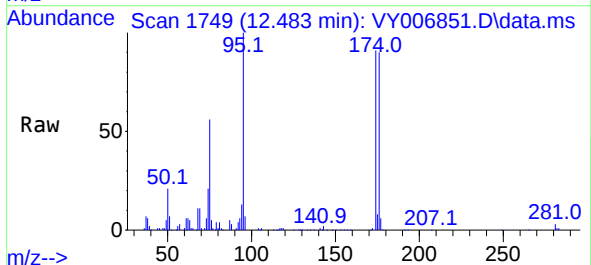
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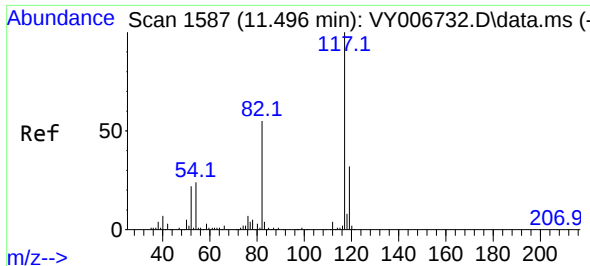
Tgt Ion: 98 Resp: 190306
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.202 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

Tgt Ion: 95 Resp: 57817
Ion Ratio Lower Upper
95 100
174 95.4 0.0 177.0
176 92.3 0.0 169.4

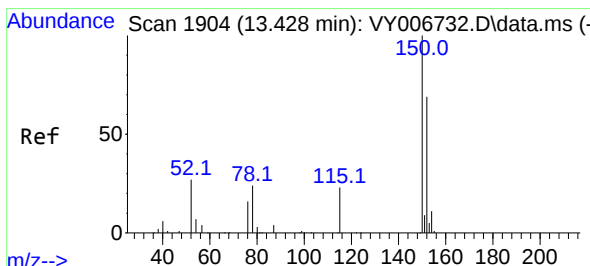
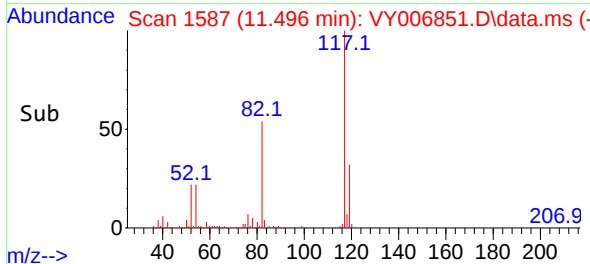
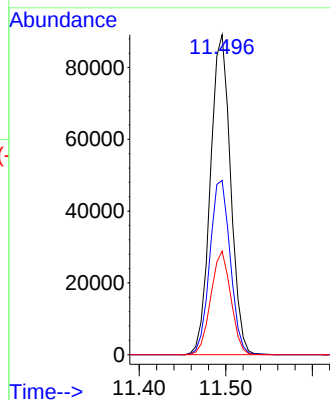
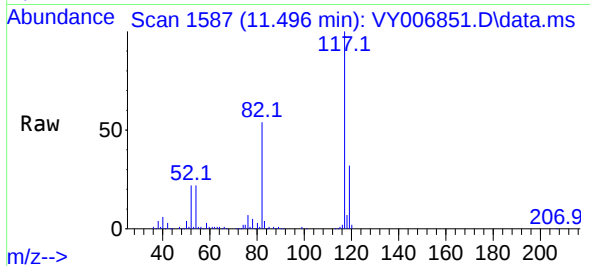




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

Instrument :
MSVOA_Y
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119

Tgt Ion:117 Resp: 144232
Ion Ratio Lower Upper
117 100
82 54.4 45.7 68.5
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006851.D
Acq: 22 Nov 2021 14:19

Tgt Ion:152 Resp: 57353
Ion Ratio Lower Upper
152 100
115 52.0 28.5 85.5
150 155.0 0.0 348.2

