

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120222\
 Data File : VY011678.D
 Acq On : 02 Dec 2022 13:14
 Operator : KP/MD
 Sample : N5823-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-2-113022RE

Quant Time: Dec 02 23:51:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	5993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	10433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3905	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5534	90.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	181.880%#
35) Dibromofluoromethane	7.722	113	2728	42.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.960%
50) Toluene-d8	10.179	98	12606	54.013	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.020%
62) 4-Bromofluorobenzene	12.483	95	4189	48.545	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.100%

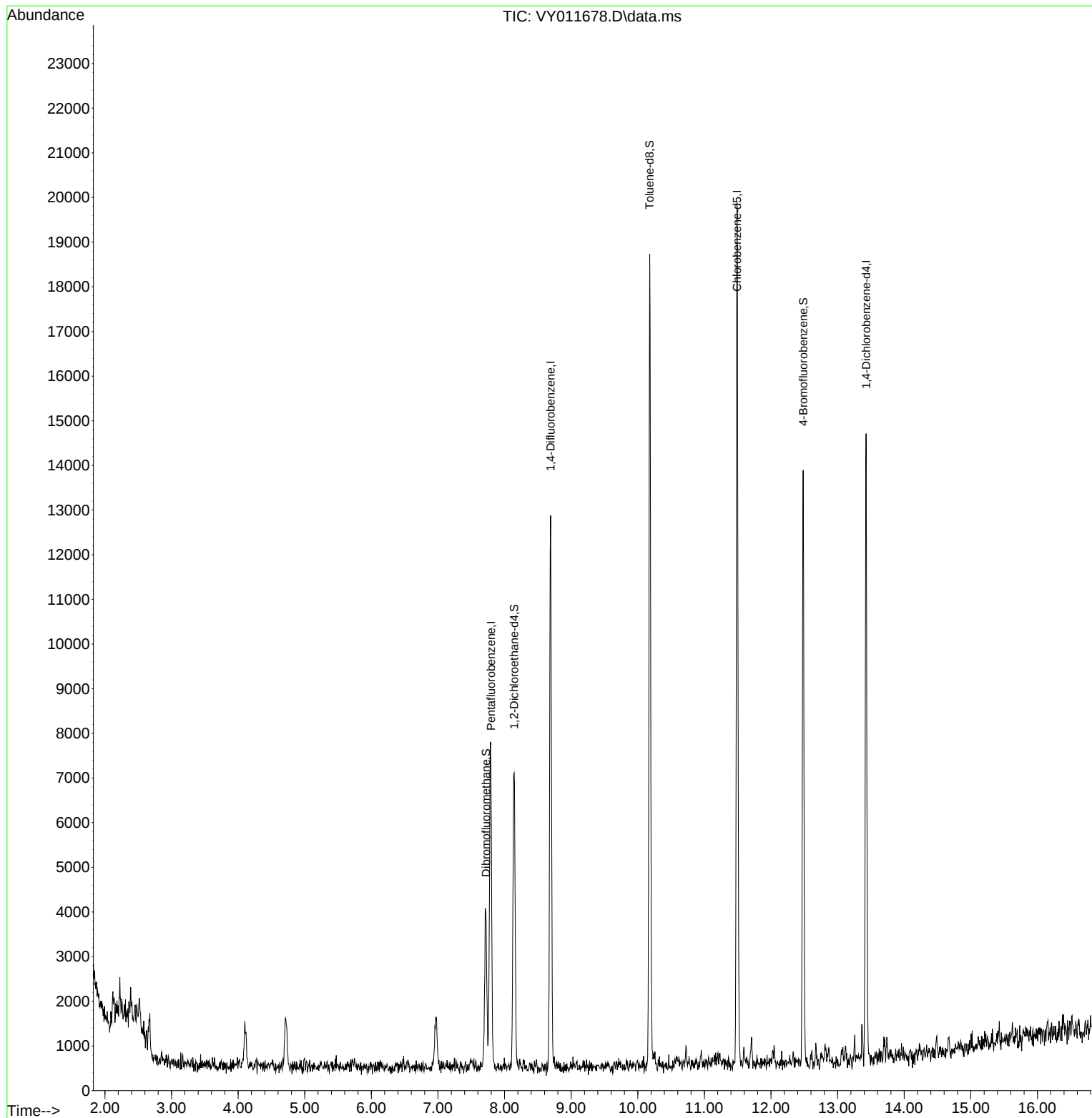
Target Compounds	Qvalue

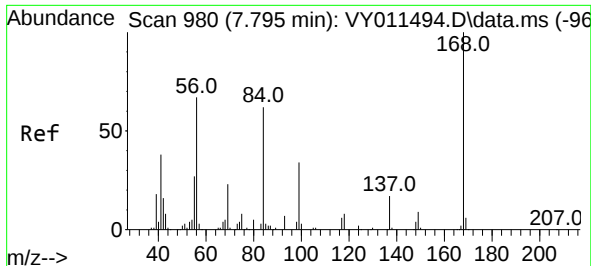
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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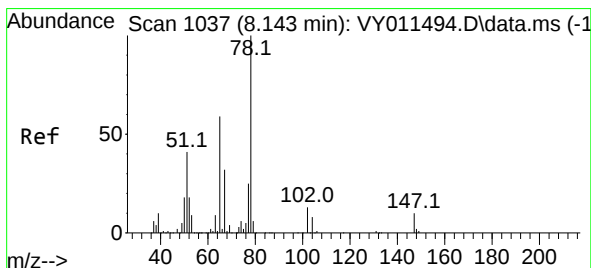
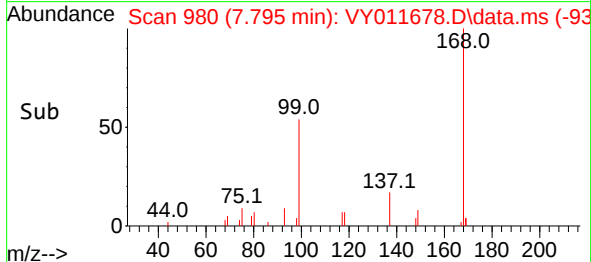
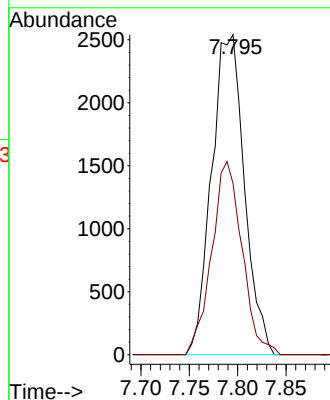
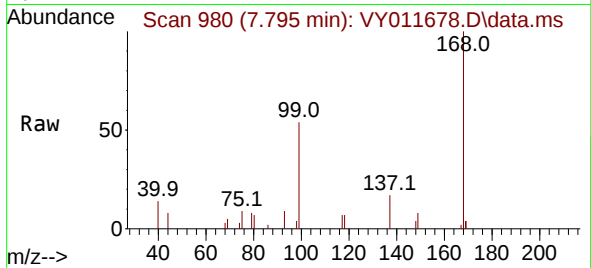




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011678.D
Acq: 02 Dec 2022 13:14

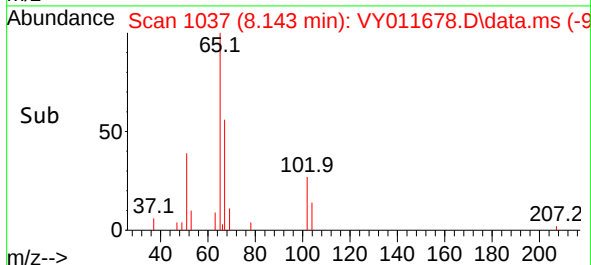
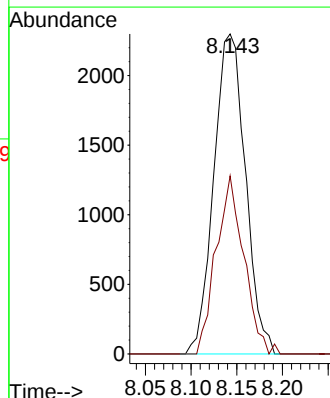
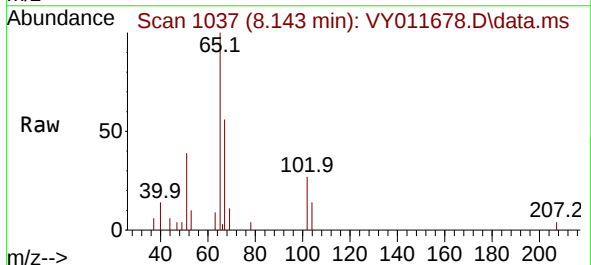
Instrument :
MSVOA_Y
ClientSampleId :
OE-2-113022RE

Tgt Ion:168 Resp: 5993
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 90.941 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011678.D
Acq: 02 Dec 2022 13:14

Tgt Ion: 65 Resp: 5534
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011678.D

Acq: 02 Dec 2022 13:14

Instrument :

MSVOA_Y

ClientSampleId :

OE-2-113022RE

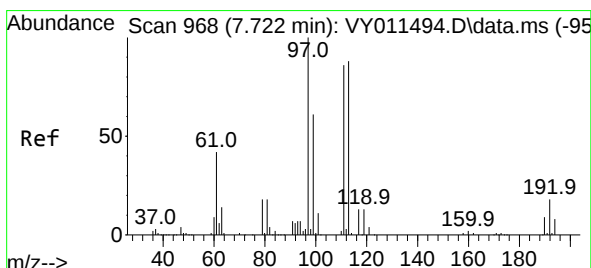
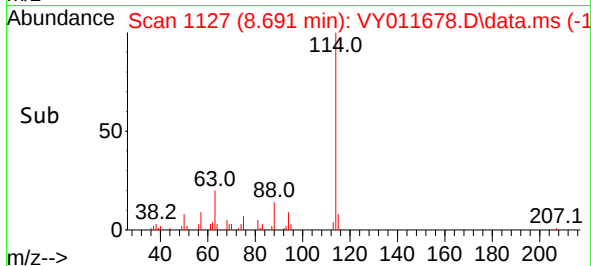
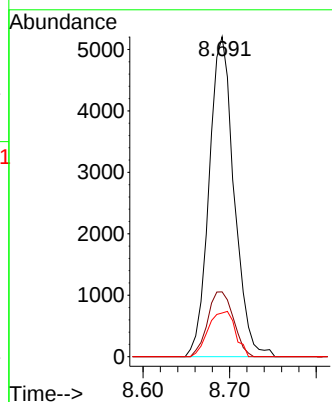
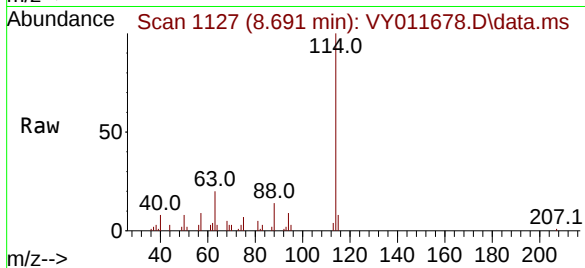
Tgt Ion:114 Resp: 10433

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.476 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY011678.D

Acq: 02 Dec 2022 13:14

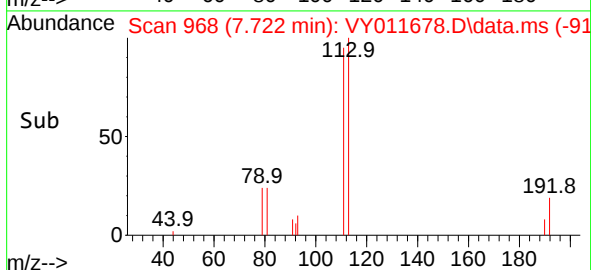
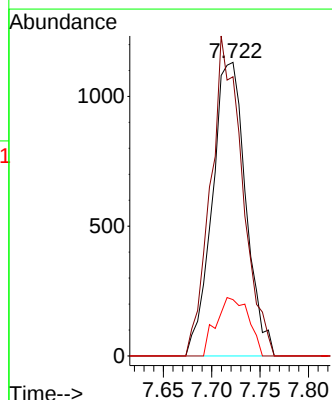
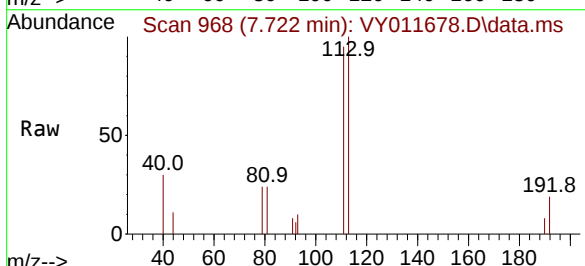
Tgt Ion:113 Resp: 2728

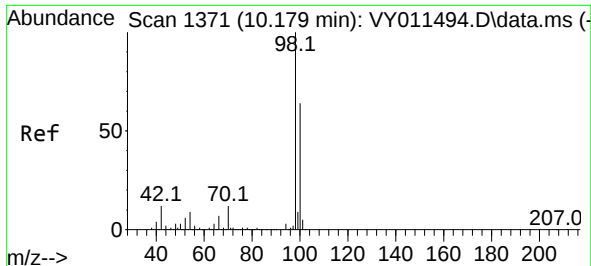
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 19.2 17.6 26.4

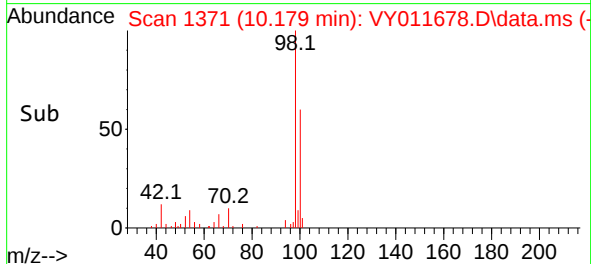
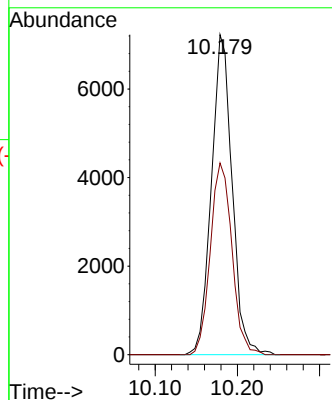
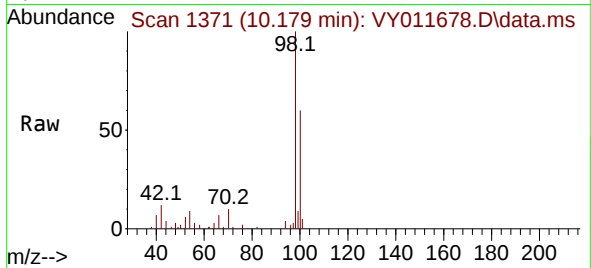




#50
Toluene-d8
Concen: 54.013 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011678.D
Acq: 02 Dec 2022 13:14

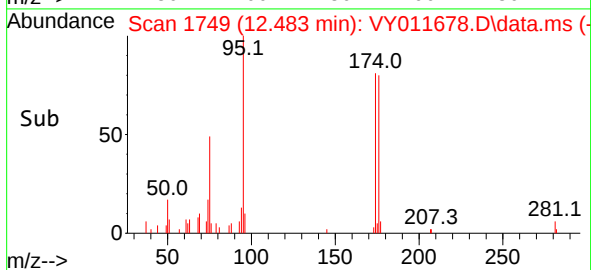
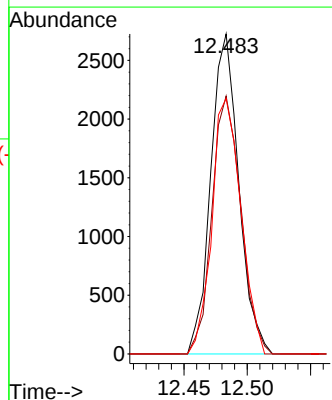
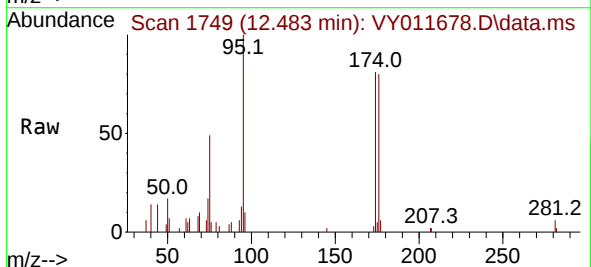
Instrument :
MSVOA_Y
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OE-2-113022RE

Tgt Ion: 98 Resp: 12606
Ion Ratio Lower Upper
98 100
100 62.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.545 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011678.D
Acq: 02 Dec 2022 13:14

Tgt Ion: 95 Resp: 4189
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 82.7 0.0 175.8

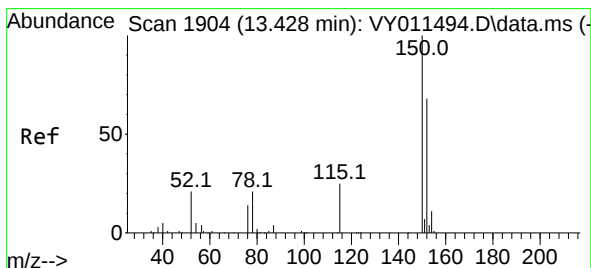
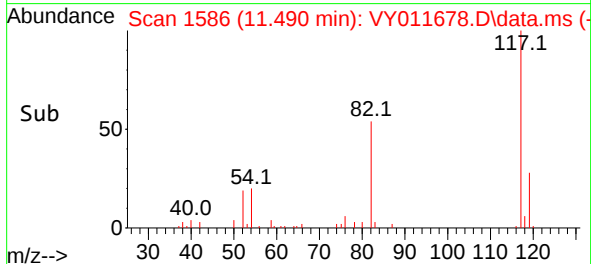
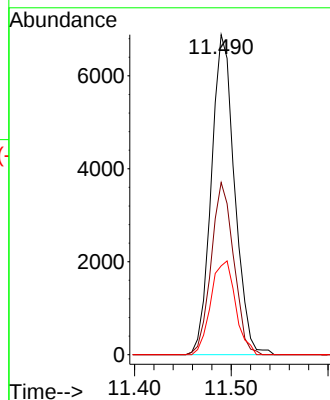
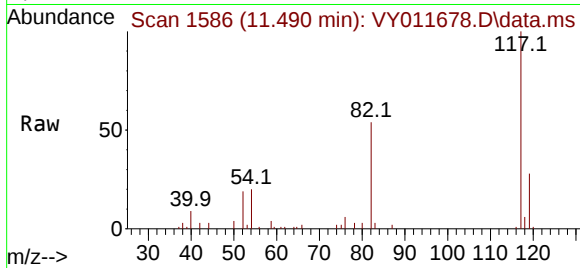




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11501
Delta R.T. -0.006 min
Lab File: VY011678.D
Acq: 02 Dec 2022 13:14

Instrument :
MSVOA_Y
ClientSampleId :
OE-2-113022RE

Tgt Ion:117	Resp:	11501
Ion	Ratio	Lower Upper
117	100	
82	53.8	43.0 64.4
119	27.8	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011678.D
Acq: 02 Dec 2022 13:14

Tgt Ion:152	Resp:	3905
Ion	Ratio	Lower Upper
152	100	
115	61.4	28.2 84.7
150	148.8	0.0 347.6

