

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011574.D
 Acq On : 23 Nov 2022 14:47
 Operator : KP/MD
 Sample : N5766-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CR-2

Quant Time: Nov 24 00:38:09 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	7.789	168	109611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	210127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	88985	79.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.900%
35) Dibromofluoromethane	7.716	113	74534	57.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.240%
50) Toluene-d8	10.179	98	263279	56.010	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.020%
62) 4-Bromofluorobenzene	12.483	95	86532	49.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.580%

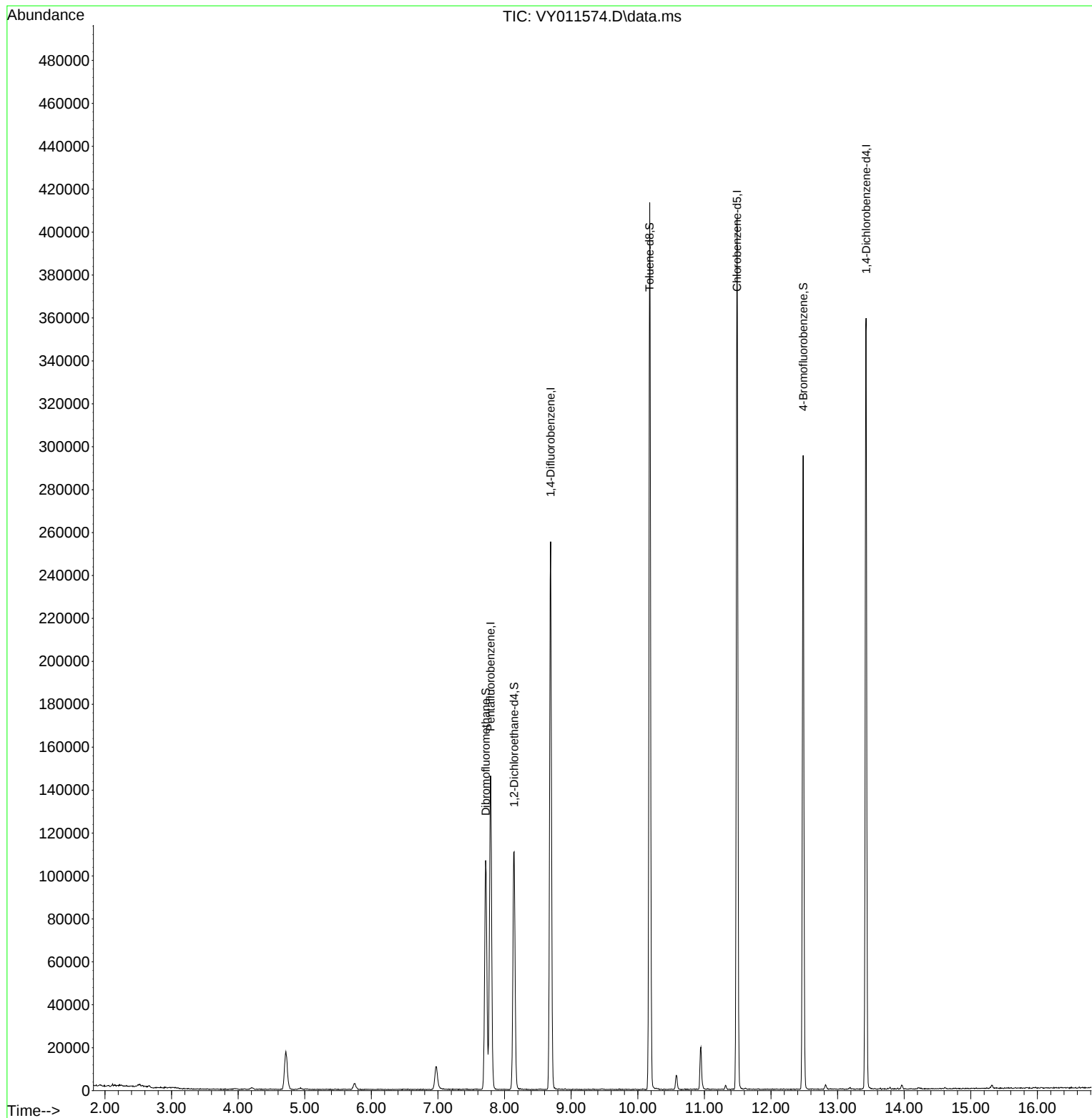
Target Compounds	Qvalue

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

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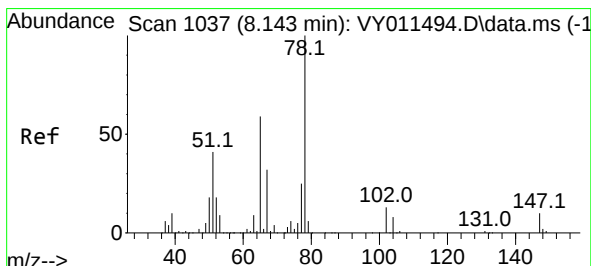
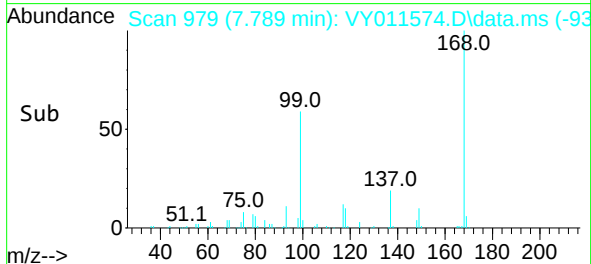
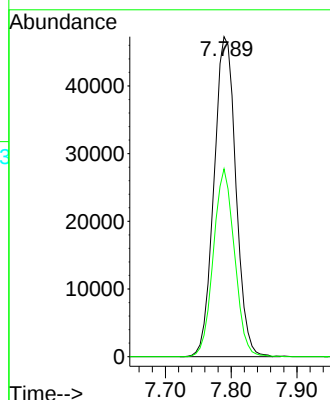
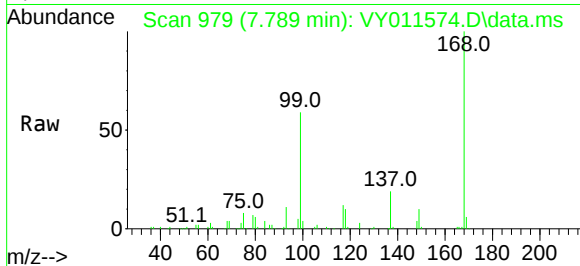




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

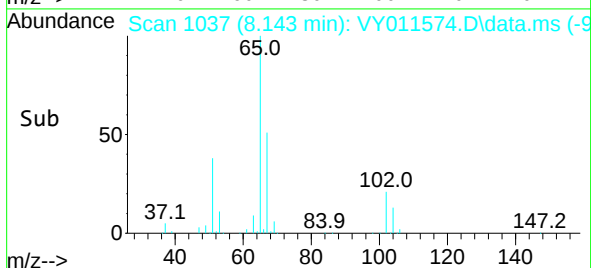
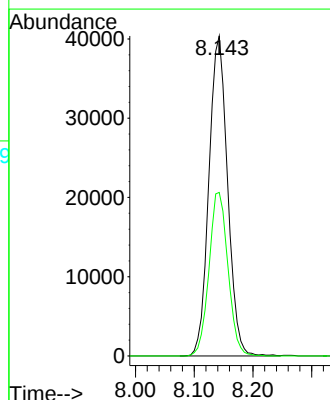
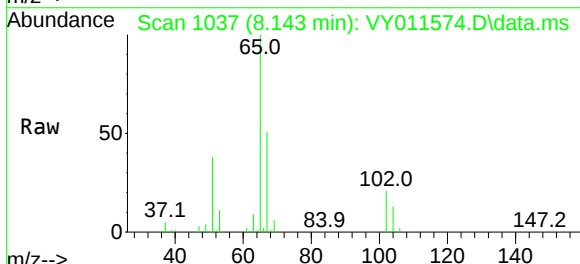
Instrument :
MSVOA_Y
ClientSampleId :
CR-2

Tgt Ion:168 Resp: 109611
Ion Ratio Lower Upper
168 100
99 58.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 79.952 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

Tgt Ion: 65 Resp: 88985
Ion Ratio Lower Upper
65 100
67 51.9 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: VY011574.D

Acq: 23 Nov 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

CR-2

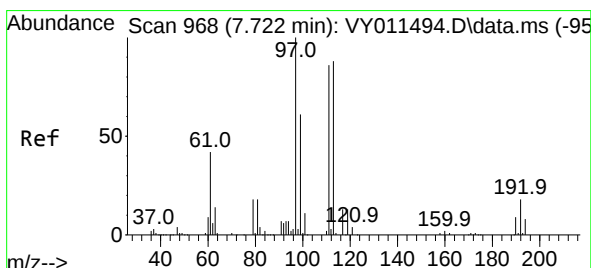
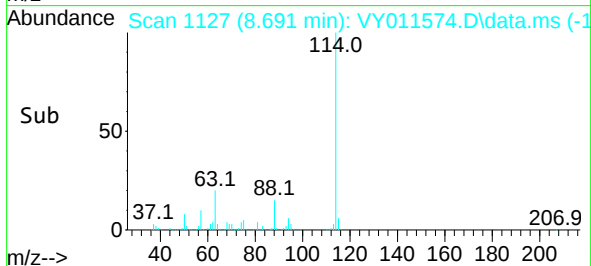
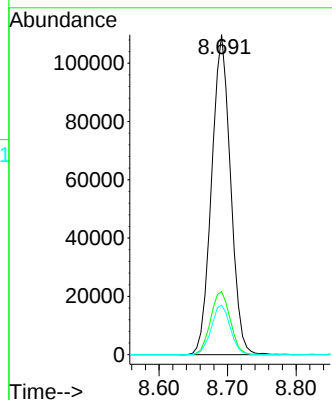
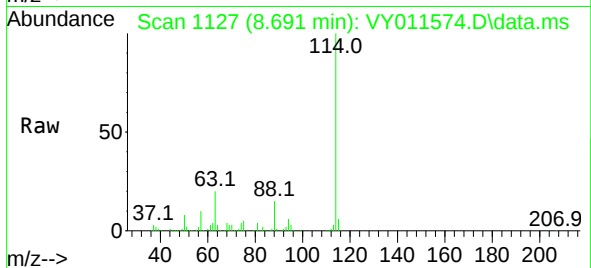
Tgt Ion:114 Resp: 210127

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.621 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011574.D

Acq: 23 Nov 2022 14:47

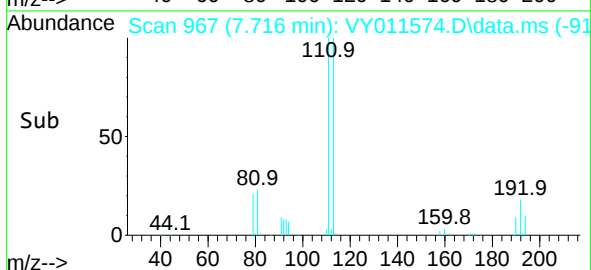
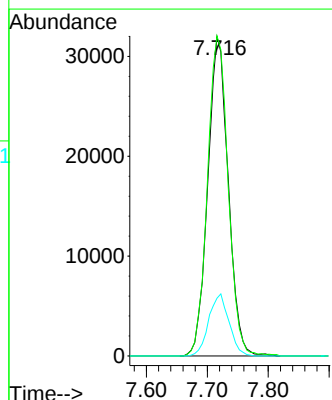
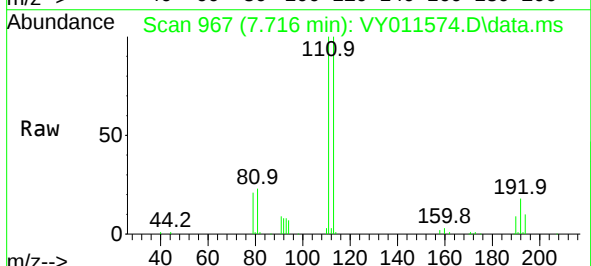
Tgt Ion:113 Resp: 74534

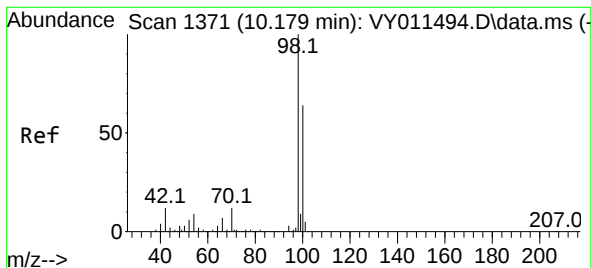
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 19.3 17.6 26.4

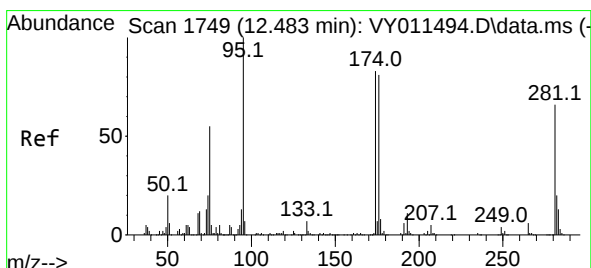
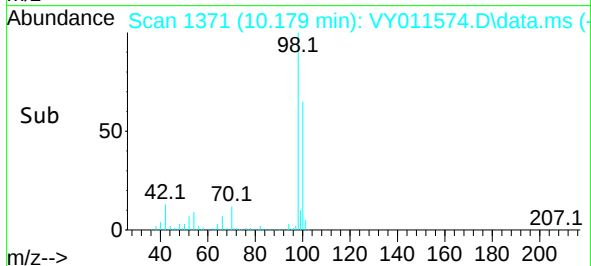
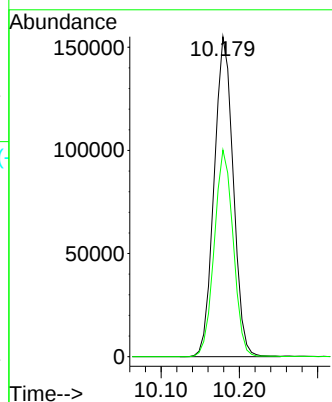
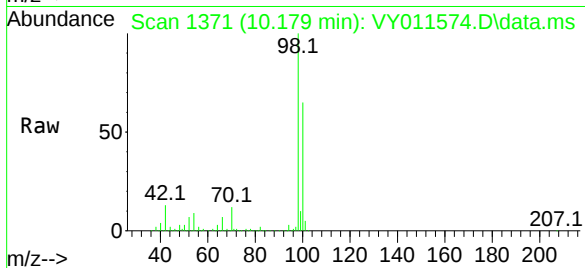




#50
Toluene-d8
Concen: 56.010 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

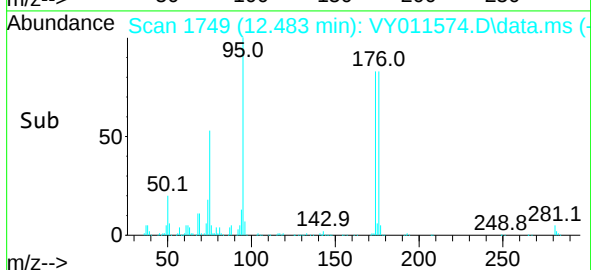
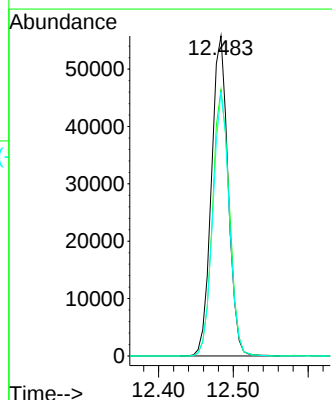
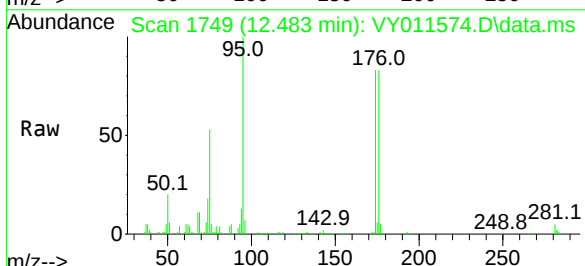
Instrument :
MSVOA_Y
ClientSampleId :
CR-2

Tgt Ion: 98 Resp: 263279
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.790 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

Tgt Ion: 95 Resp: 86532
Ion Ratio Lower Upper
95 100
174 84.2 0.0 177.0
176 81.1 0.0 175.8

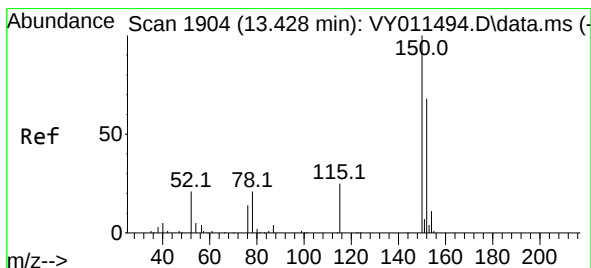
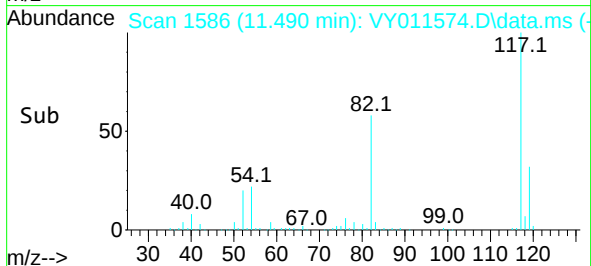
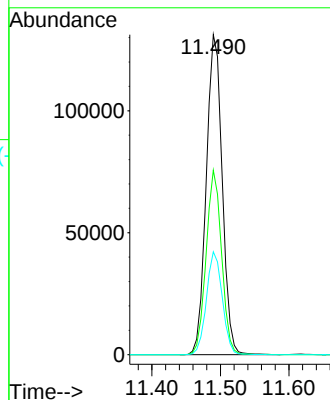
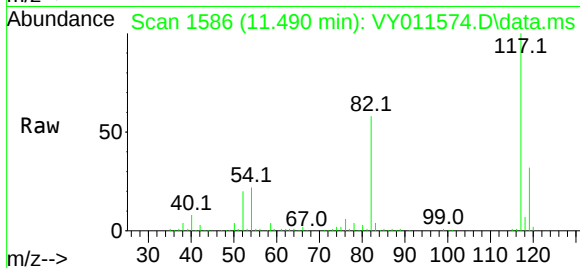




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011574.D
Acq: 23 Nov 2022 14:47

Instrument :
MSVOA_Y
ClientSampleId :
CR-2

Tgt Ion:117 Resp: 212388
Ion Ratio Lower Upper
117 100
82 57.6 43.0 64.4
119 32.1 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: VY011574.D
Acq: 23 Nov 2022 14:47

Tgt Ion:152 Resp: 91940
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 159.8 0.0 347.6

