

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013564.D
 Acq On : 02 May 2023 18:07
 Operator : KP/MD
 Sample : 02583-06
 Misc : 10.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-26

Quant Time: May 03 01:35:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	199430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	335632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	325289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145209	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	152145	69.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.180%
35) Dibromofluoromethane	7.716	113	116944	55.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.800%
50) Toluene-d8	10.179	98	414854	55.243	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.480%
62) 4-Bromofluorobenzene	12.477	95	131393	51.900	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.800%

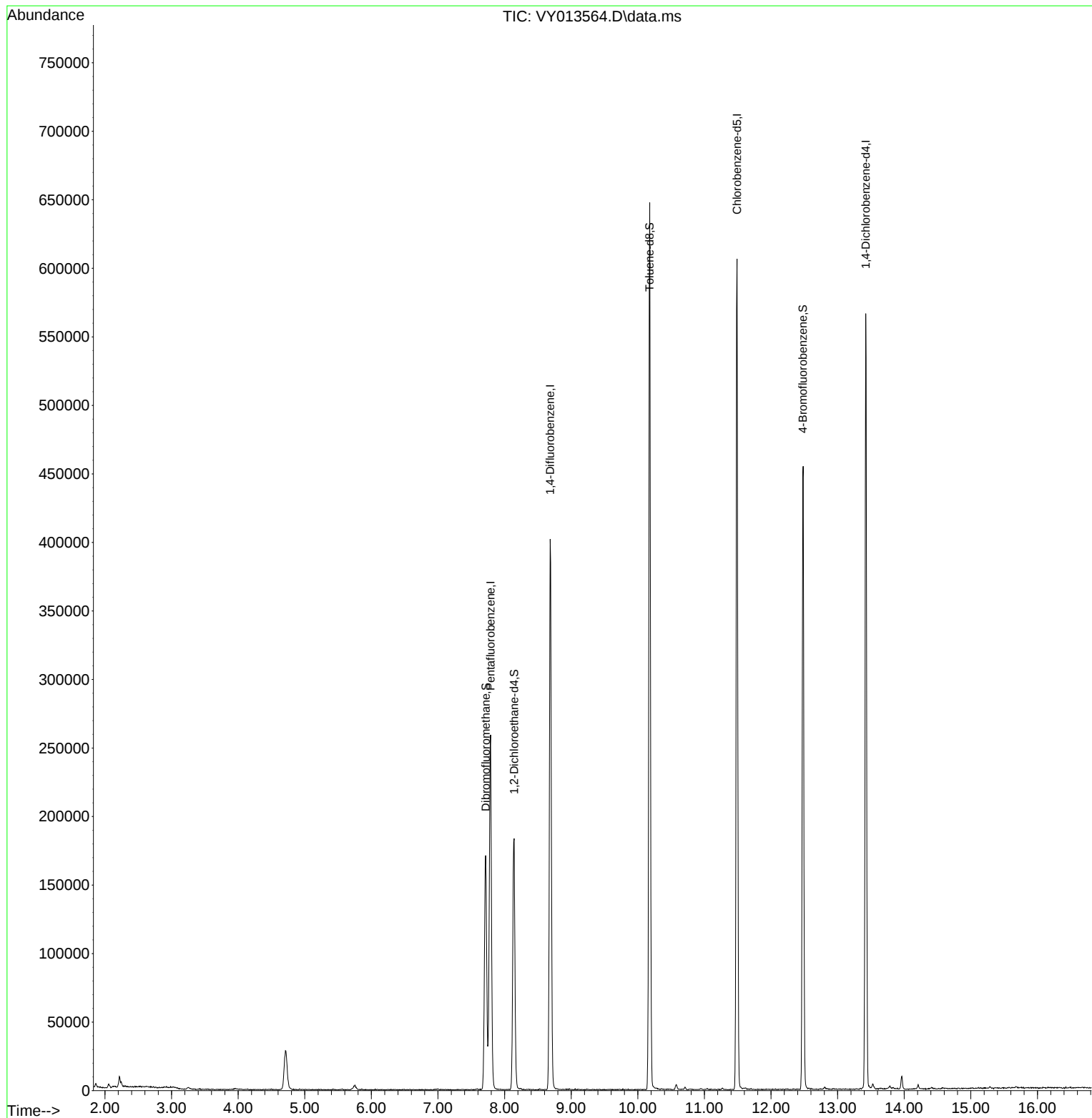
Target Compounds	Qvalue

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

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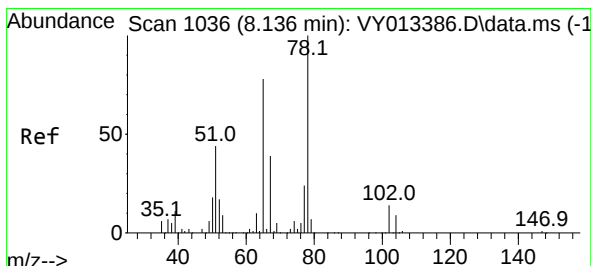
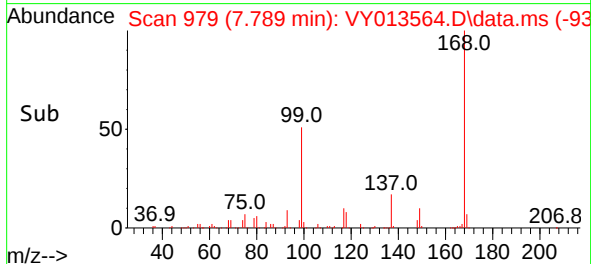
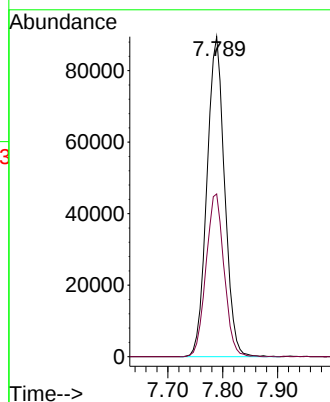
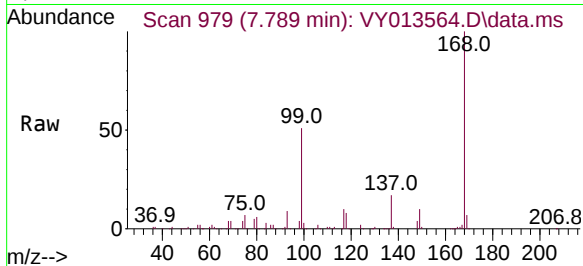




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

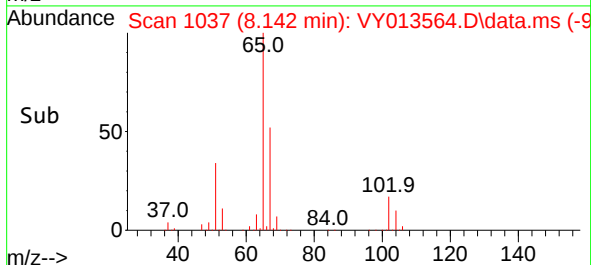
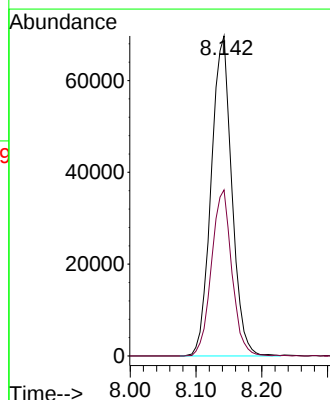
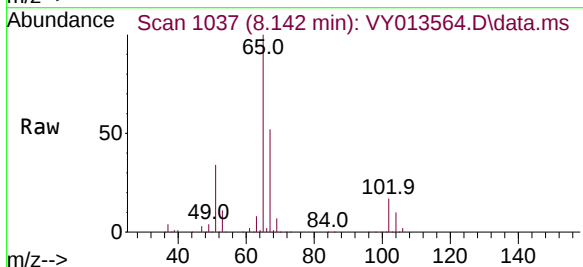
Instrument :
MSVOA_Y
ClientSampleId :
CF-26

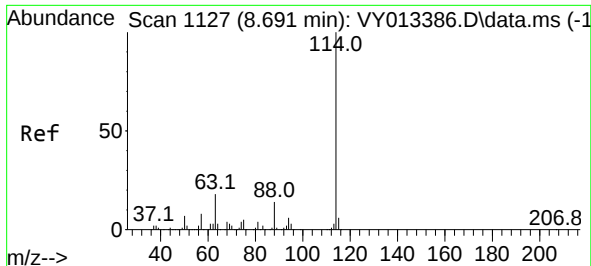
Tgt Ion:168 Resp: 199430
Ion Ratio Lower Upper
168 100
99 50.9 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 69.594 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

Tgt Ion: 65 Resp: 152145
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013564.D

Acq: 02 May 2023 18:07

Instrument :

MSVOA_Y

ClientSampleId :

CF-26

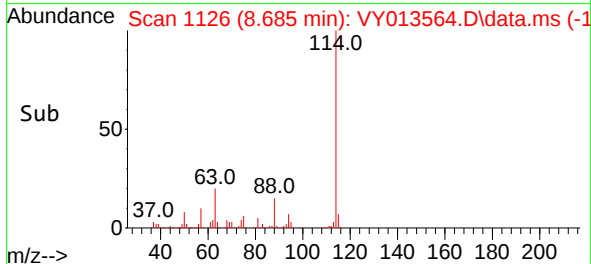
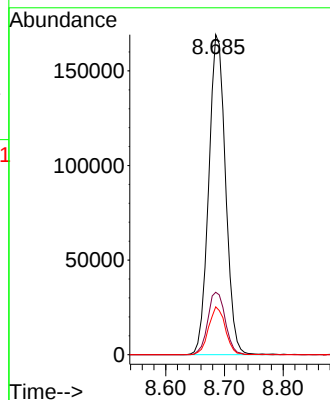
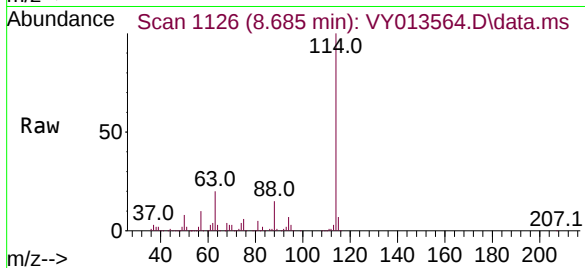
Tgt Ion:114 Resp: 335632

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.6

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.398 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013564.D

Acq: 02 May 2023 18:07

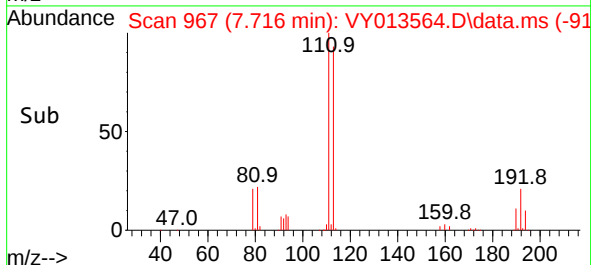
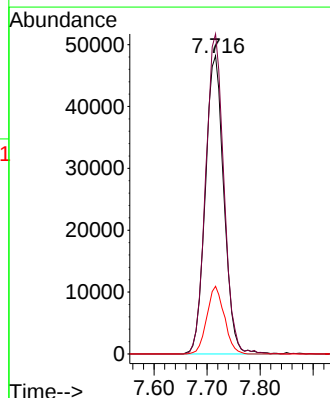
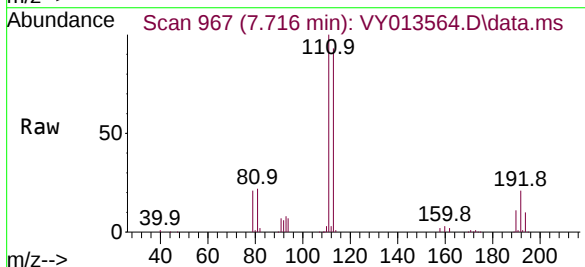
Tgt Ion:113 Resp: 116944

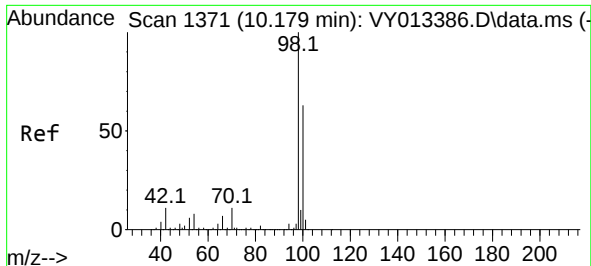
Ion Ratio Lower Upper

113 100

111 105.4 82.2 123.2

192 21.4 16.7 25.1

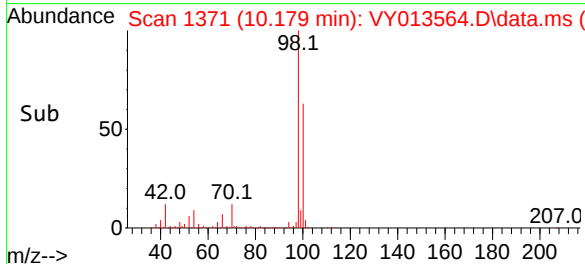
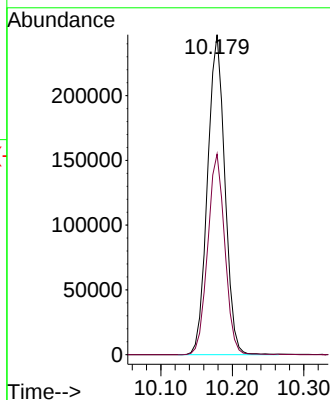
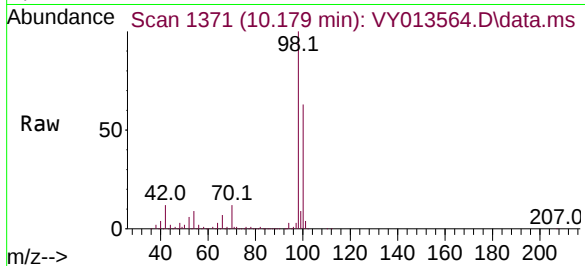




#50
Toluene-d8
Concen: 55.243 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

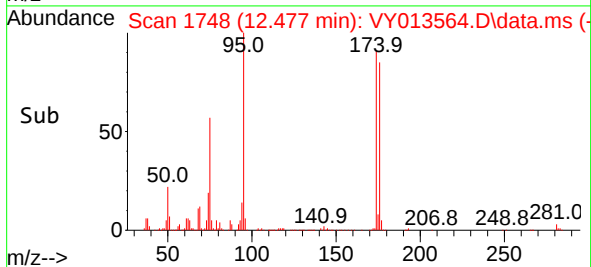
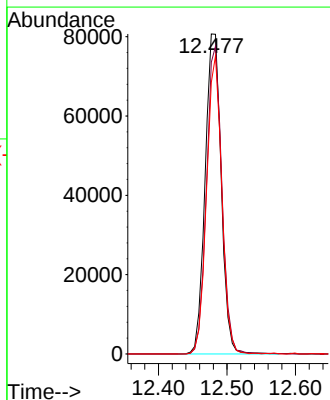
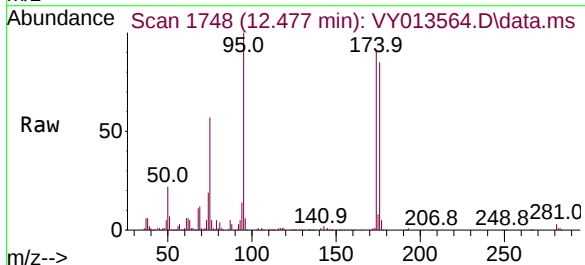
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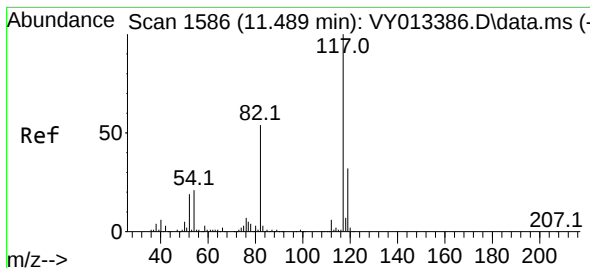
Tgt Ion: 98 Resp: 414854
Ion Ratio Lower Upper
98 100
100 61.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.900 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

Tgt Ion: 95 Resp: 131393
Ion Ratio Lower Upper
95 100
174 92.7 0.0 182.0
176 88.3 0.0 175.4

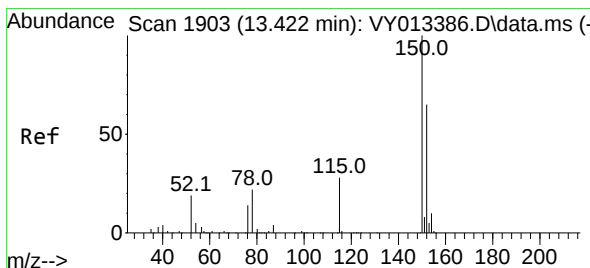
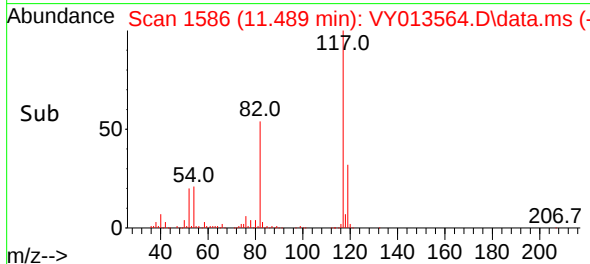
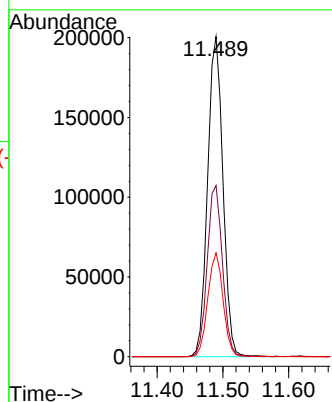
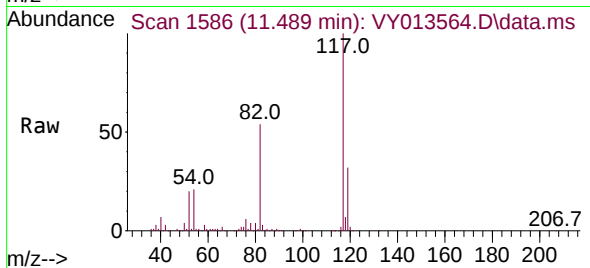




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

Instrument :
MSVOA_Y
ClientSampleId :
CF-26

Tgt Ion:117 Resp: 325289
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.6
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013564.D
Acq: 02 May 2023 18:07

Tgt Ion:152 Resp: 145209
Ion Ratio Lower Upper
152 100
115 57.6 28.1 84.2
150 157.8 0.0 352.0

