

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020212.D
 Acq On : 07 Nov 2024 17:17
 Operator : SY/MD
 Sample : P4697-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Nov 08 00:30:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	152527	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	321278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	305388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	114309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114208	59.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.980%
35) Dibromofluoromethane	7.634	113	108851	53.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.580%
50) Toluene-d8	10.103	98	401186	49.341	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.402	95	127400	48.240	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.480%

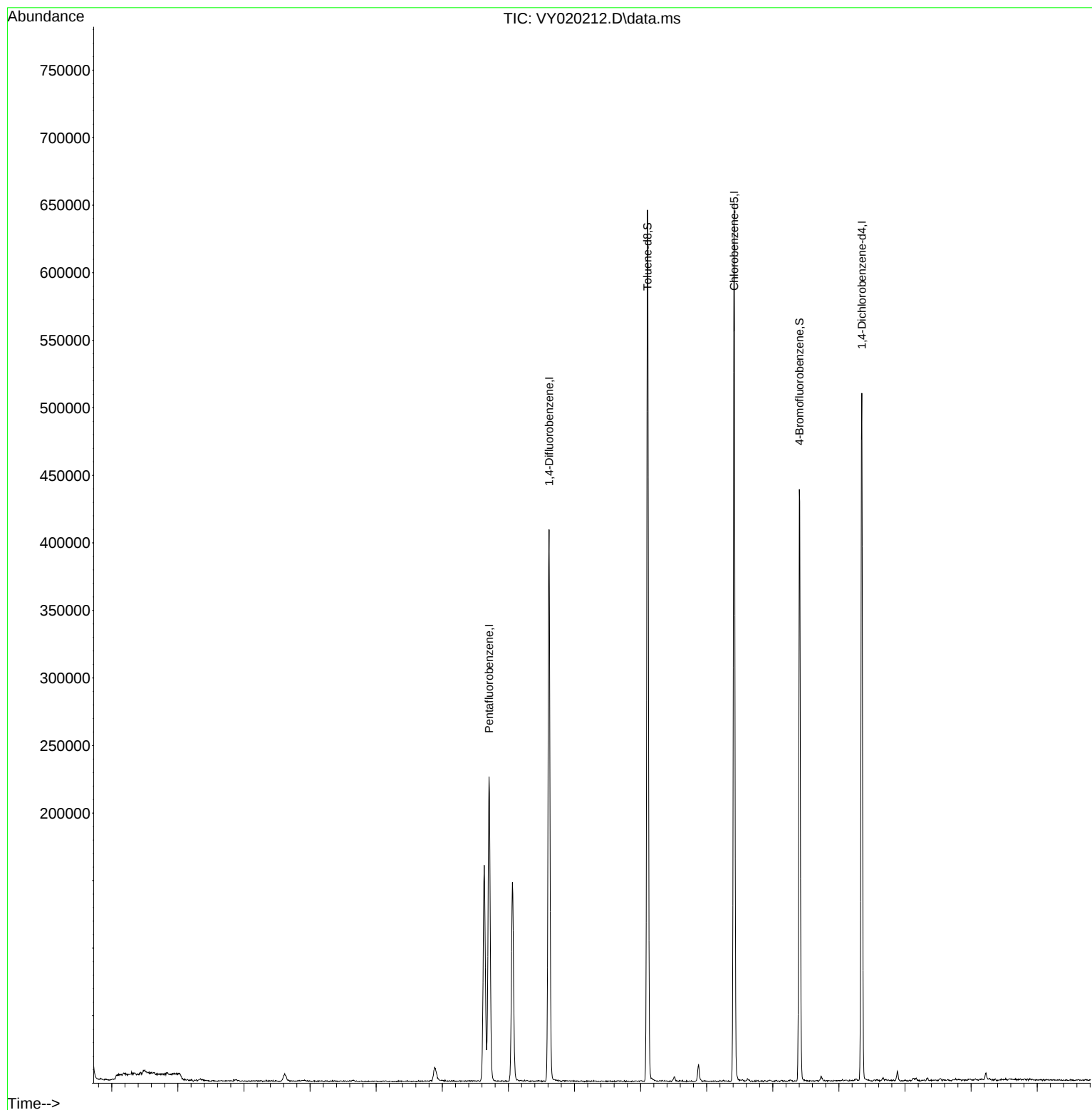
Target Compounds Qvalue

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

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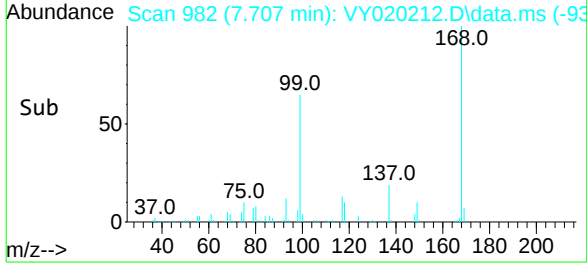
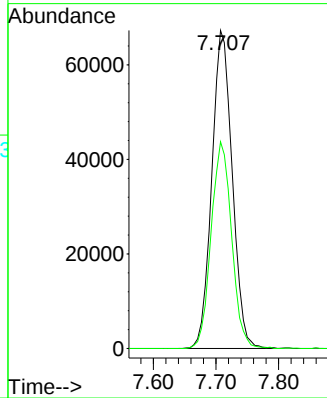
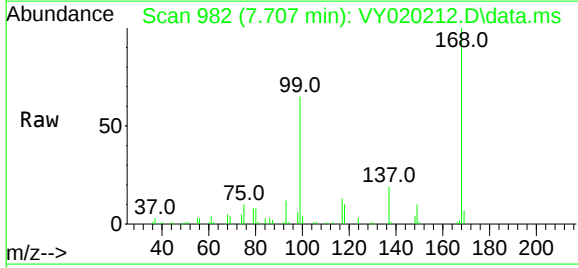




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY020212.D
Acq: 07 Nov 2024 17:17

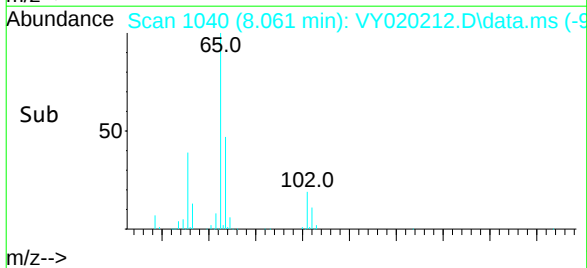
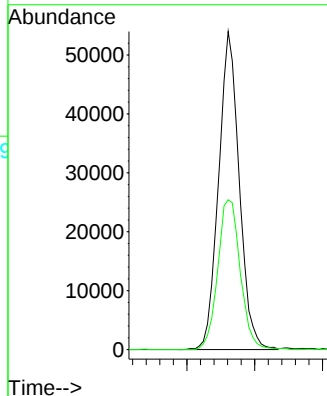
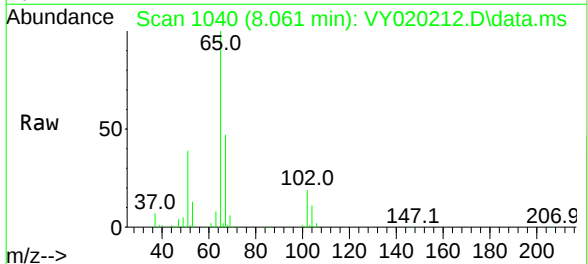
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 152527
Ion Ratio Lower Upper
168 100
99 65.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.995 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020212.D
Acq: 07 Nov 2024 17:17

Tgt Ion: 65 Resp: 114208
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.6

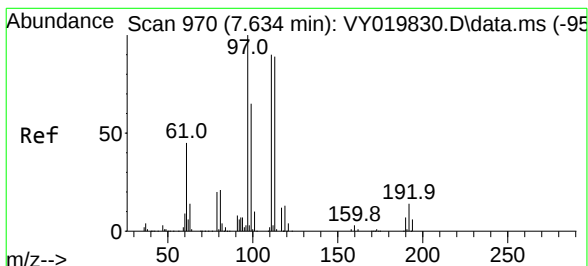
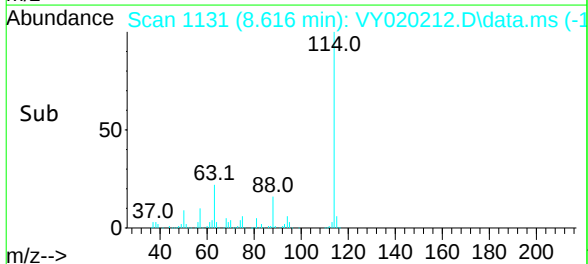
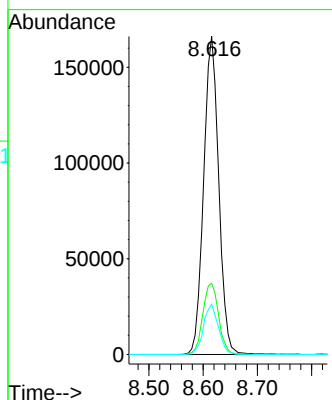
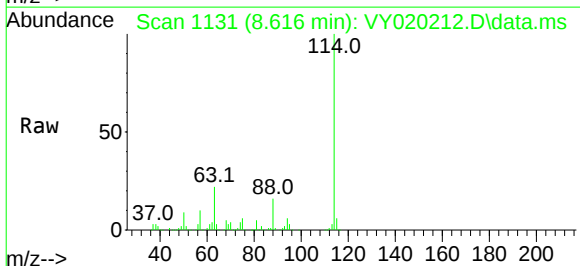




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020212.D
 Acq: 07 Nov 2024 17:17

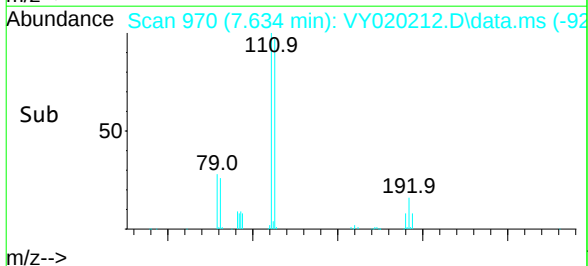
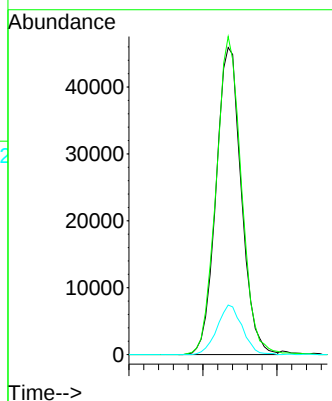
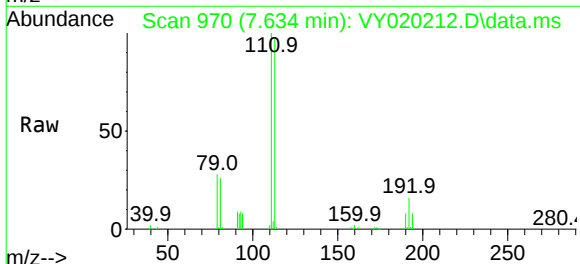
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

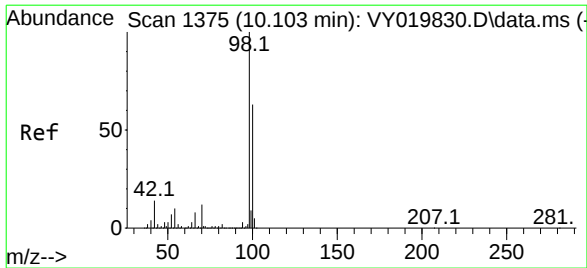
Tgt Ion:	114	Resp:	321278
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	35.0
88	15.8	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 53.289 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020212.D
 Acq: 07 Nov 2024 17:17

Tgt Ion:	113	Resp:	108851
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	16.1	15.9	23.9





#50

Toluene-d8

Concen: 49.341 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020212.D

Acq: 07 Nov 2024 17:17

Instrument :

MSVOA_Y

ClientSampleId :

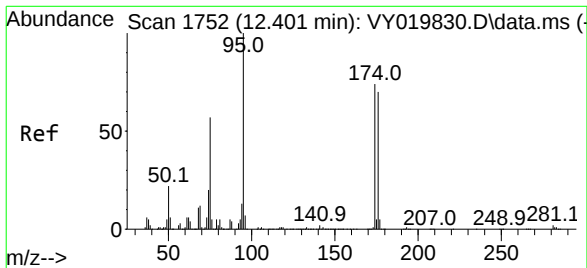
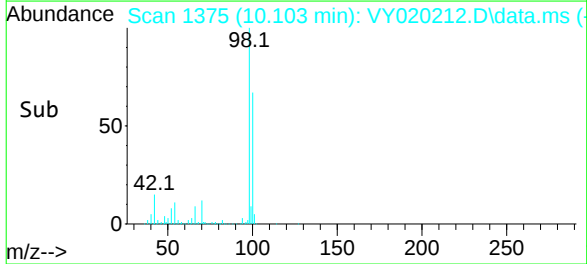
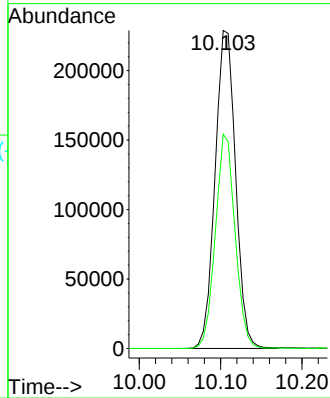
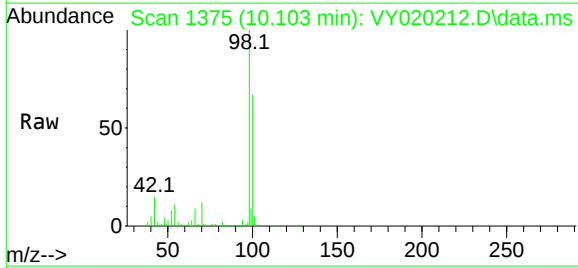
TP-1

Tgt Ion: 98 Resp: 401186

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.240 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY020212.D

Acq: 07 Nov 2024 17:17

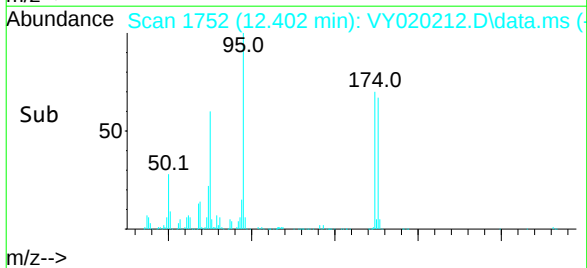
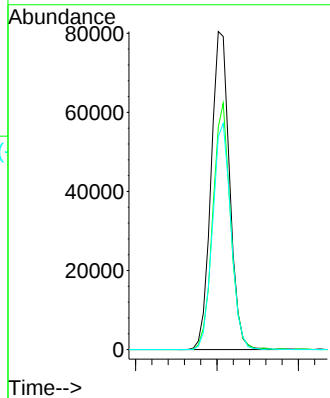
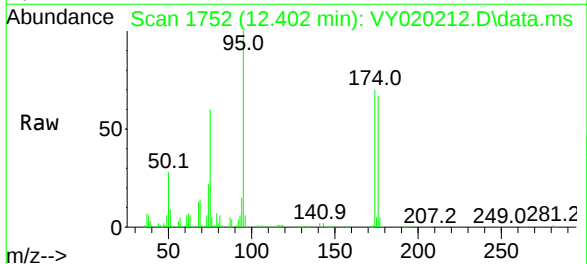
Tgt Ion: 95 Resp: 127400

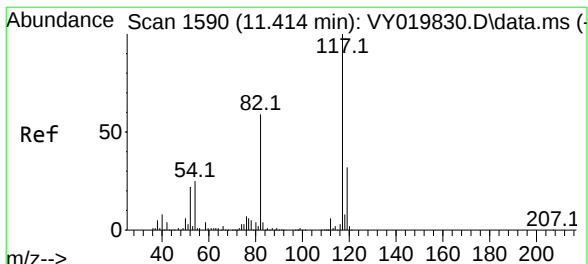
Ion Ratio Lower Upper

95 100

174 74.0 0.0 175.6

176 70.4 0.0 171.4



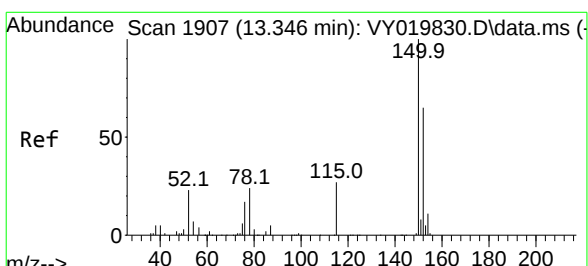
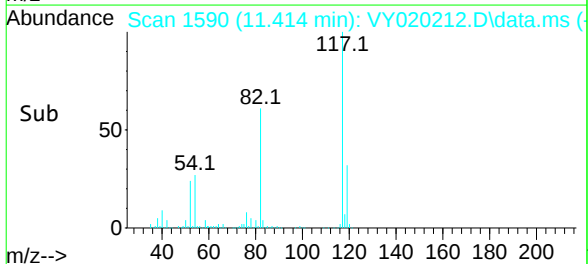
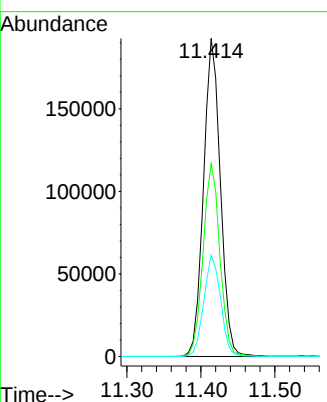
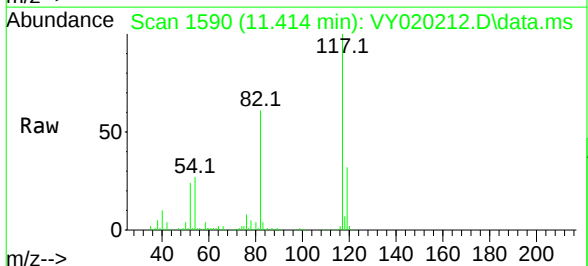


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020212.D
Acq: 07 Nov 2024 17:17

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 305388

Ion	Ratio	Lower	Upper
117	100		
82	60.6	42.4	63.6
119	31.9	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020212.D
Acq: 07 Nov 2024 17:17

Tgt Ion:152 Resp: 114309

Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.2	84.7
150	158.4	0.0	345.6

