

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012819.D
 Acq On : 06 Mar 2023 13:35
 Operator : KP/MD
 Sample : 01671-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T5-1

Quant Time: Mar 07 04:23:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	1663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1155	69.952	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.900%
35) Dibromofluoromethane	7.710	113	839	57.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.240%
50) Toluene-d8	10.179	98	2779	51.750	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.500%
62) 4-Bromofluorobenzene	12.483	95	568	31.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.680%

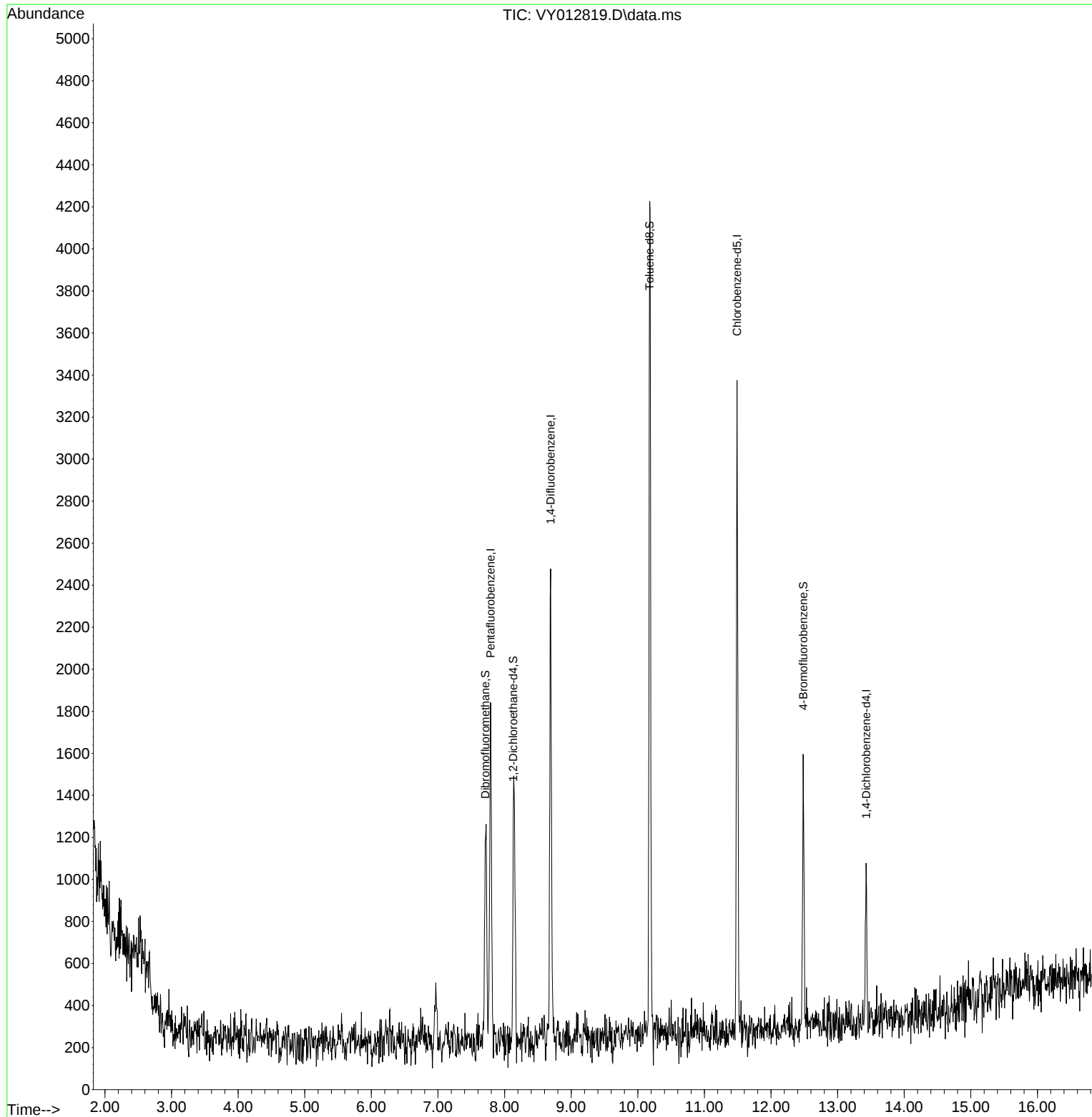
Target Compounds	Qvalue

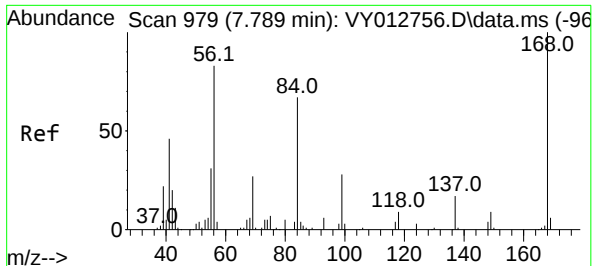
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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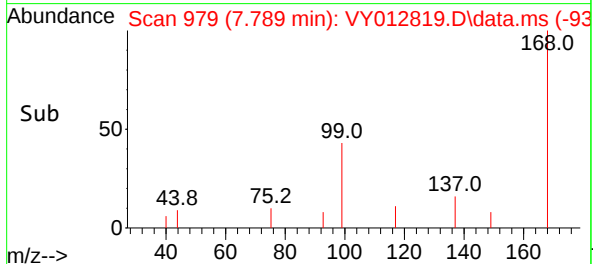
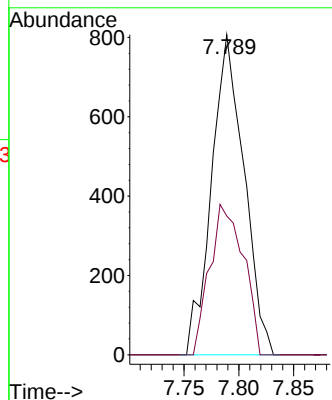
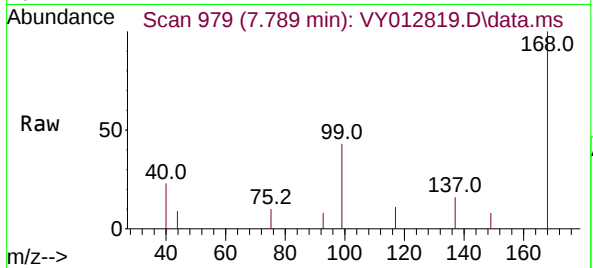




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

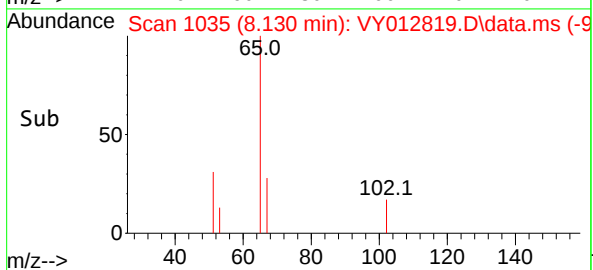
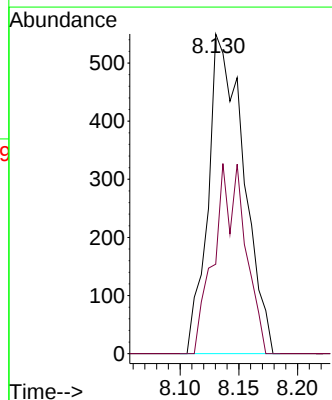
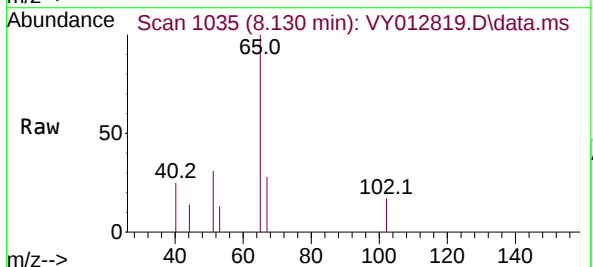
Instrument :
MSVOA_Y
ClientSampleId :
T5-1

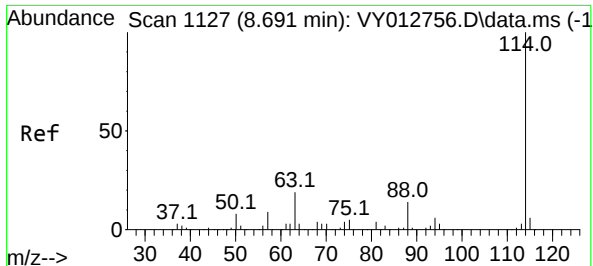
Tgt Ion:168 Resp: 1663
Ion Ratio Lower Upper
168 100
99 43.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 69.952 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.013 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

Tgt Ion: 65 Resp: 1155
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012819.D

Acq: 06 Mar 2023 13:35

Instrument :

MSVOA_Y

ClientSampleId :

T5-1

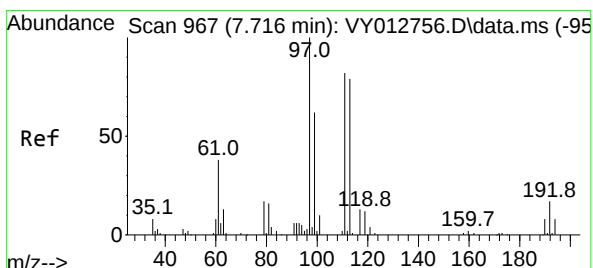
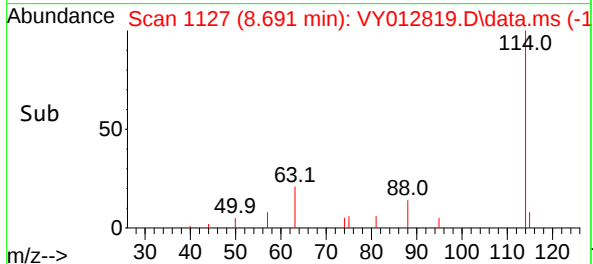
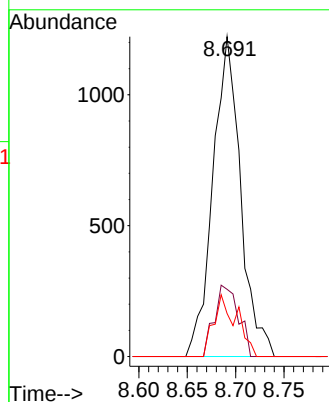
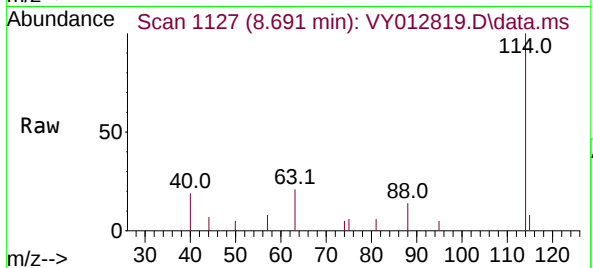
Tgt Ion:114 Resp: 2434

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 13.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.117 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012819.D

Acq: 06 Mar 2023 13:35

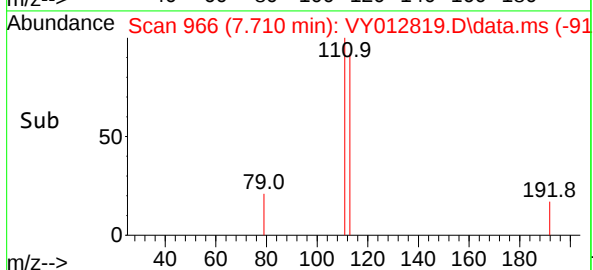
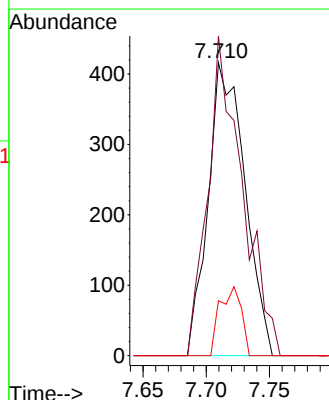
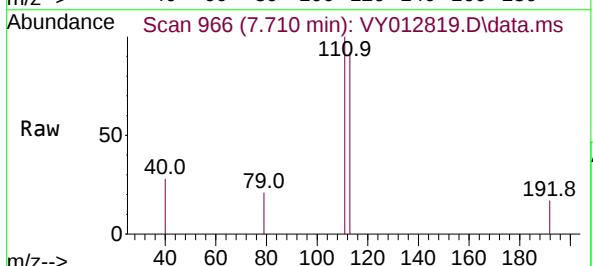
Tgt Ion:113 Resp: 839

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 13.8 16.8 25.2#

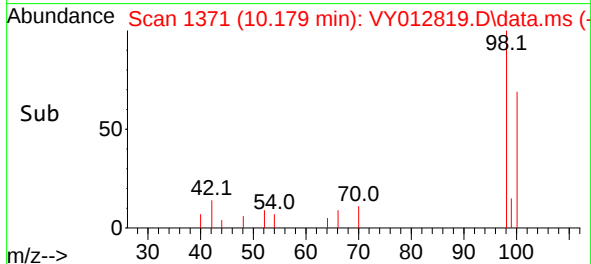
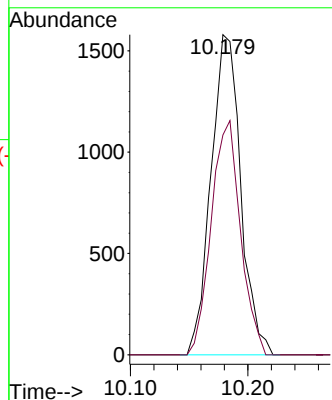
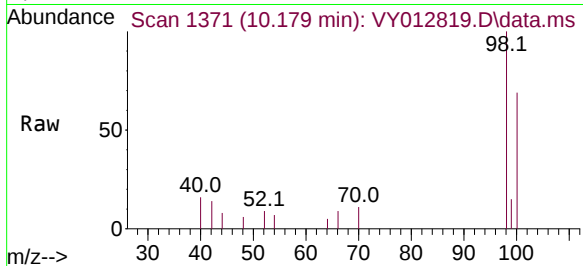




#50
Toluene-d8
Concen: 51.750 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

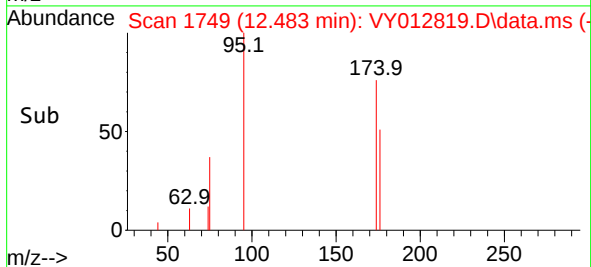
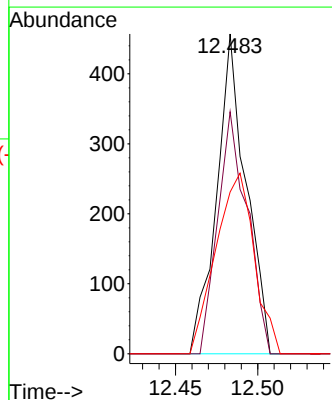
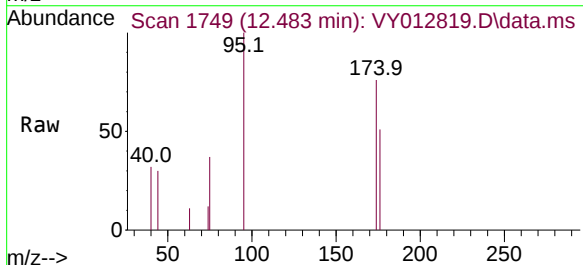
Instrument :
MSVOA_Y
ClientSampleId :
T5-1

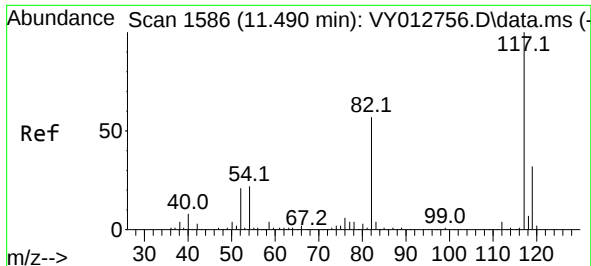
Tgt Ion: 98 Resp: 2779
Ion Ratio Lower Upper
98 100
100 71.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 31.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

Tgt Ion: 95 Resp: 568
Ion Ratio Lower Upper
95 100
174 75.9 0.0 176.6
176 73.8 0.0 170.2

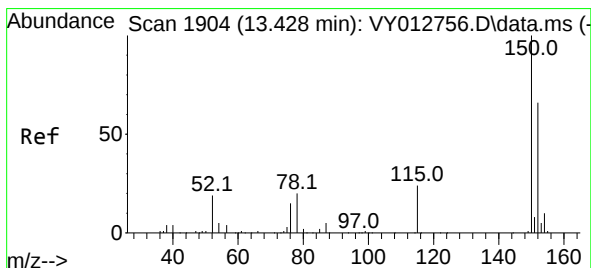
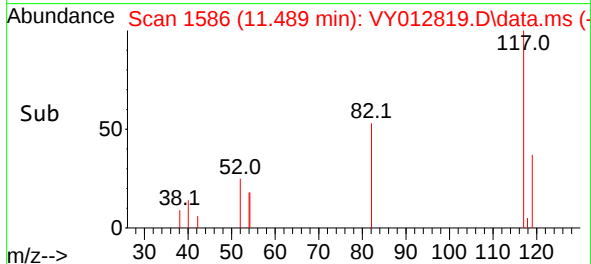
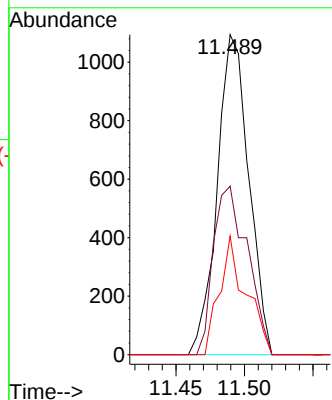
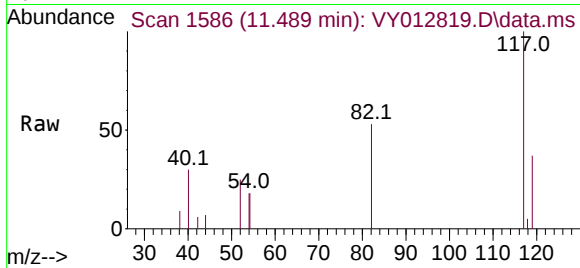




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

Instrument :
MSVOA_Y
ClientSampleId :
T5-1

Tgt Ion:	117	Resp:	1752
Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.4	68.0
119	37.0	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012819.D
Acq: 06 Mar 2023 13:35

Tgt Ion:	152	Resp:	274
Ion	Ratio	Lower	Upper
152	100		
115	47.4	27.1	81.3
150	159.9	0.0	347.8

