

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017523.D
 Acq On : 28 Feb 2024 16:18
 Operator : SY/MD
 Sample : P1621-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-022824-A

Quant Time: Feb 28 23:15:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	1857	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.685	114	2824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2306	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1233	70.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.120%	
35) Dibromofluoromethane	7.710	113	720	36.588	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 73.180%	
50) Toluene-d8	10.179	98	2916	42.382	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.760%	
62) 4-Bromofluorobenzene	12.483	95	507	23.447	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 46.900%	

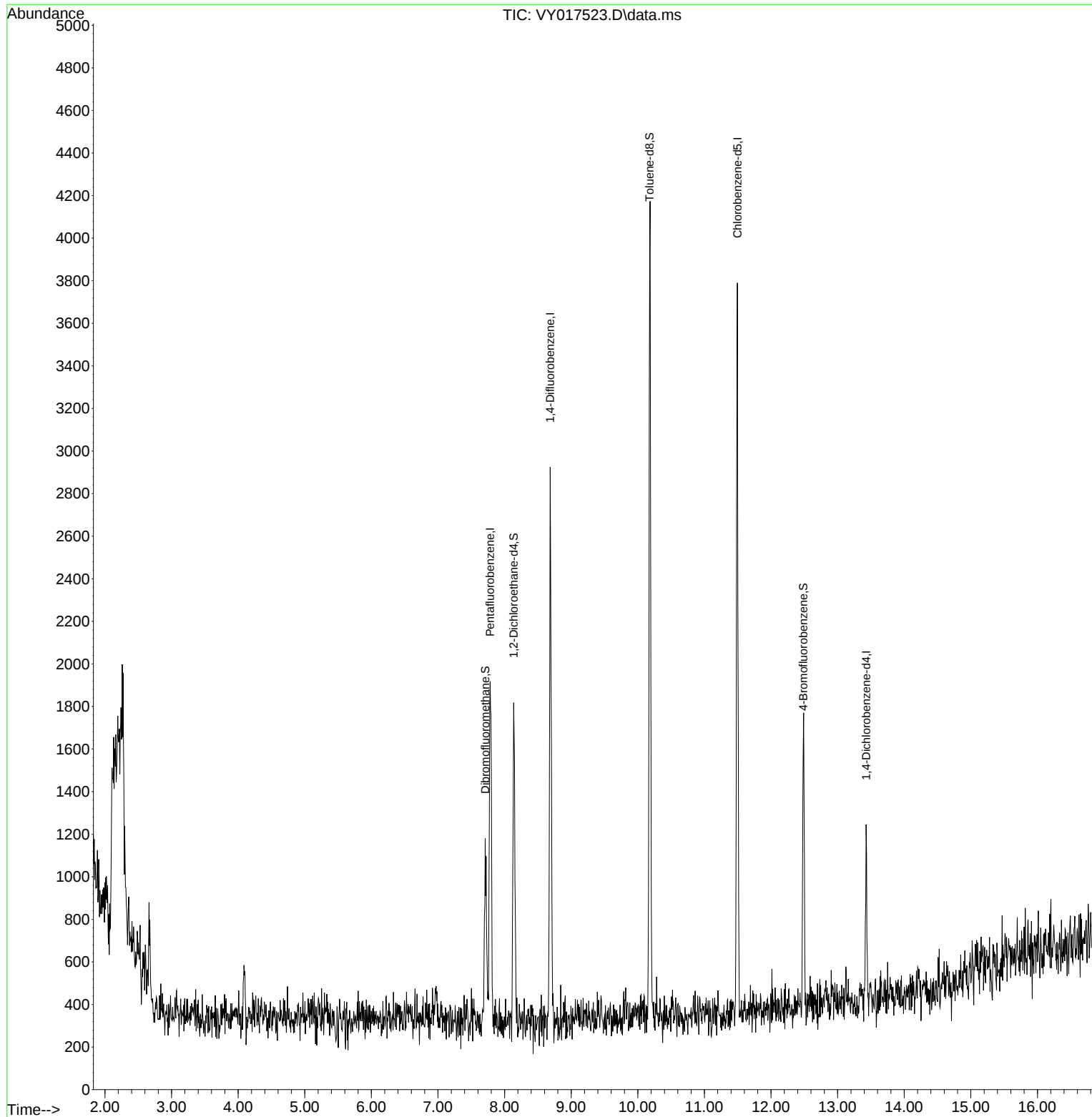
Target Compounds	Qvalue

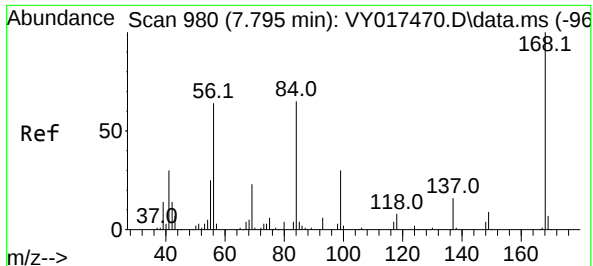
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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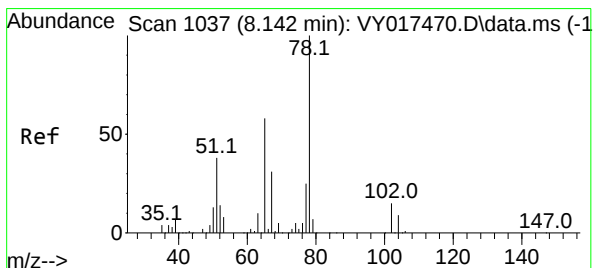
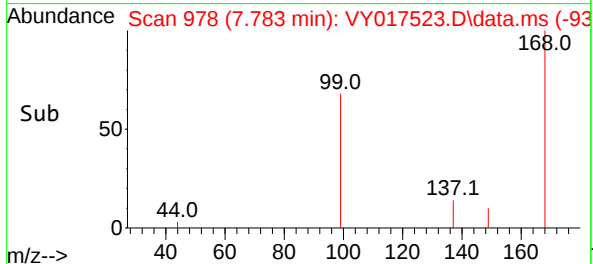
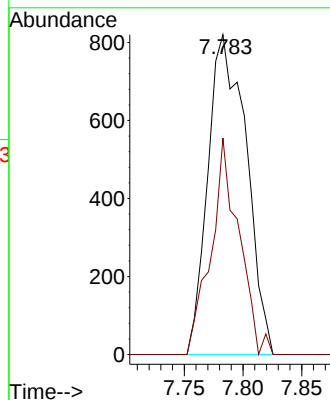
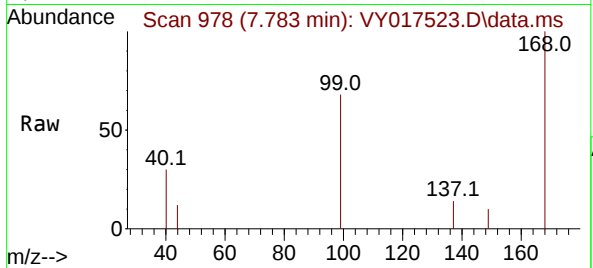




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017523.D
Acq: 28 Feb 2024 16:18

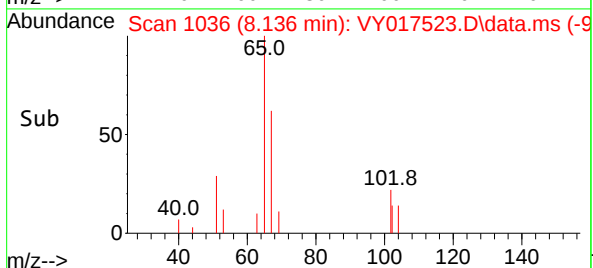
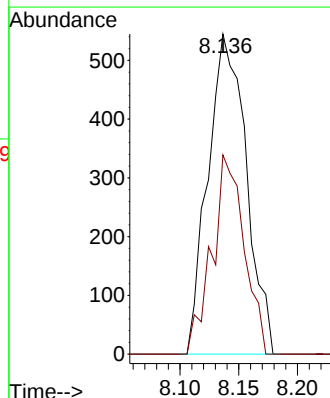
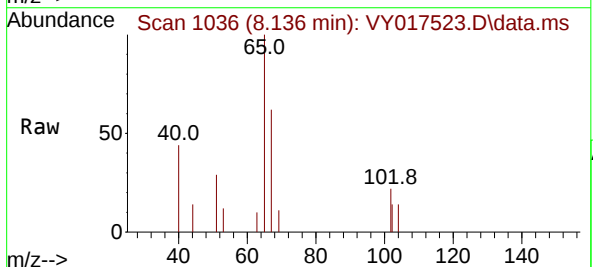
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-A

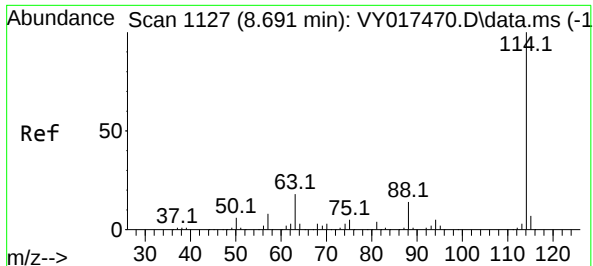
Tgt Ion:168 Resp: 1857
Ion Ratio Lower Upper
168 100
99 67.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 70.059 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017523.D
Acq: 28 Feb 2024 16:18

Tgt Ion: 65 Resp: 1233
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017523.D

Acq: 28 Feb 2024 16:18

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-022824-A

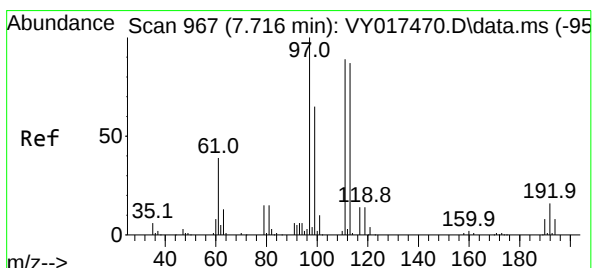
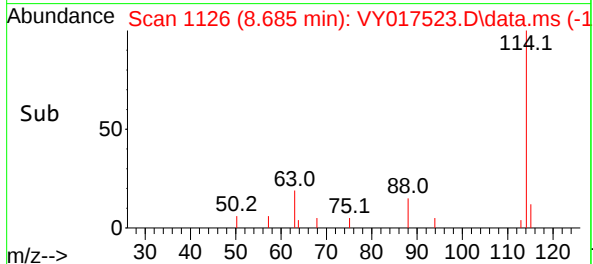
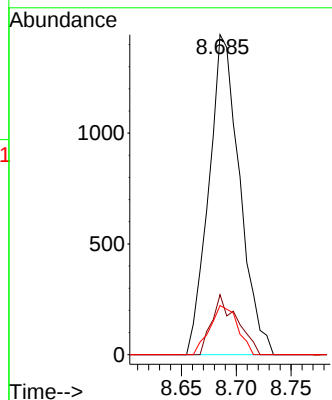
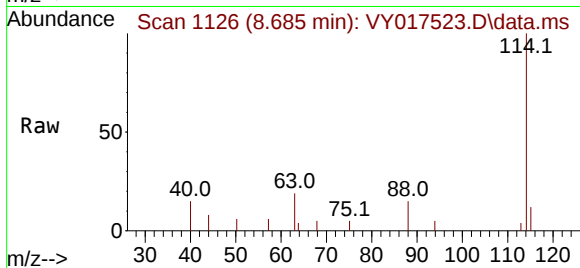
Tgt Ion:114 Resp: 2824

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 36.588 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017523.D

Acq: 28 Feb 2024 16:18

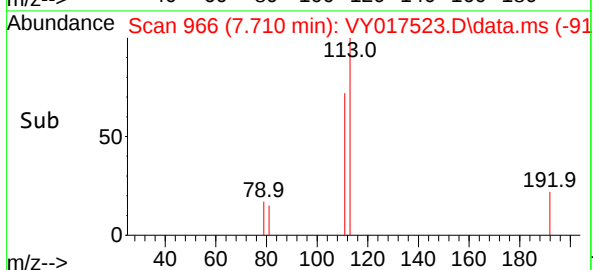
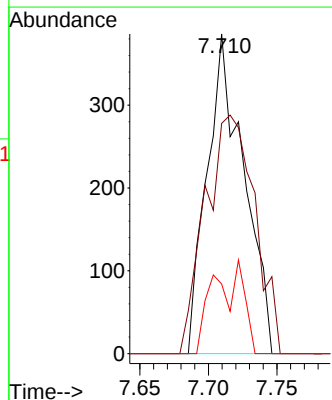
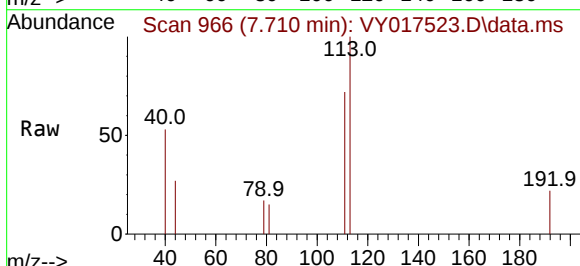
Tgt Ion:113 Resp: 720

Ion Ratio Lower Upper

113 100

111 100.3 82.2 123.4

192 15.0 15.9 23.9#

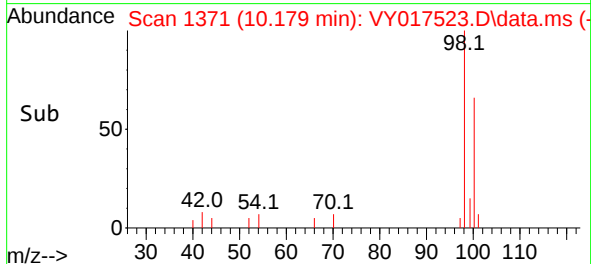
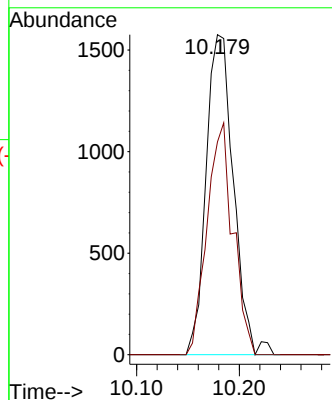
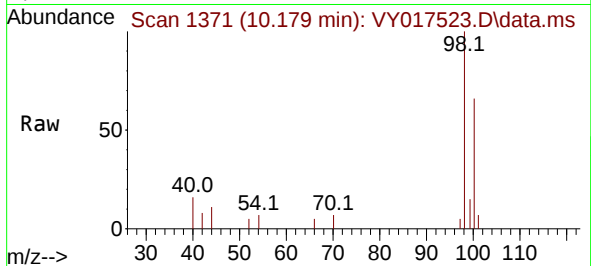




#50
Toluene-d8
Concen: 42.382 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017523.D
Acq: 28 Feb 2024 16:18

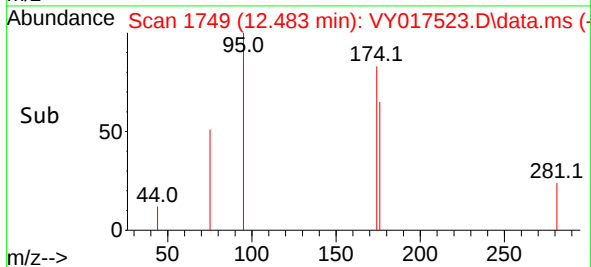
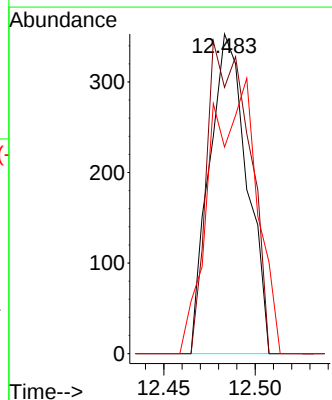
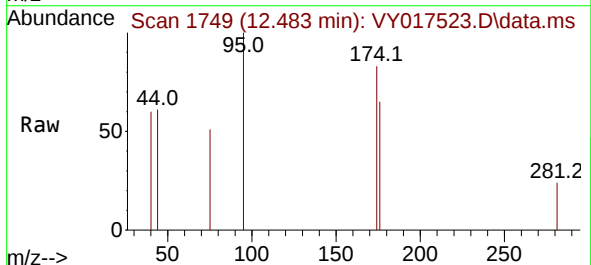
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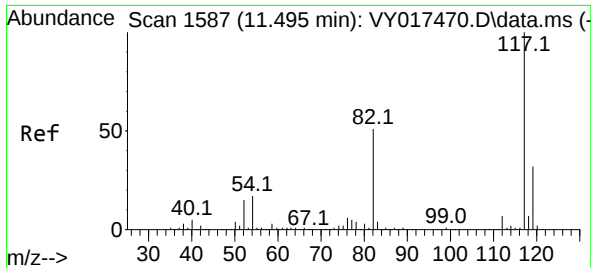
Tgt Ion: 98 Resp: 2916
Ion Ratio Lower Upper
98 100
100 68.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 23.447 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017523.D
Acq: 28 Feb 2024 16:18

Tgt Ion: 95 Resp: 507
Ion Ratio Lower Upper
95 100
174 108.7 0.0 175.6
176 106.7 0.0 171.4

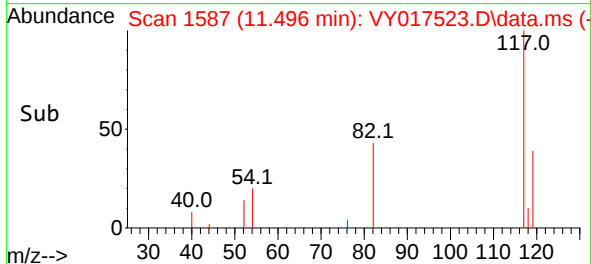
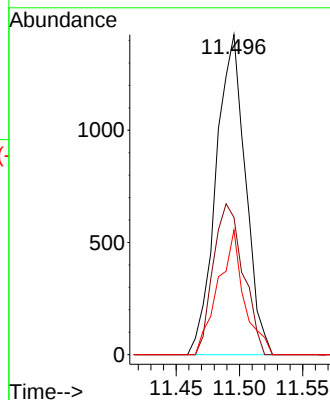
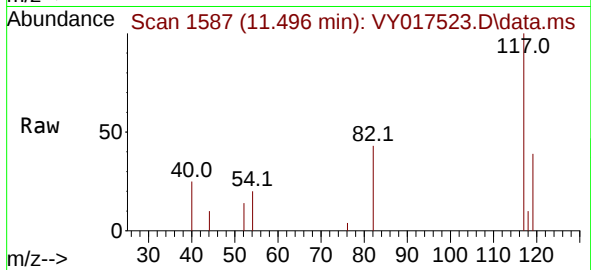




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017523.D
Acq: 28 Feb 2024 16:18

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-A

Tgt Ion:117	Resp:	2306
Ion	Ratio	Lower Upper
117	100	
82	42.9	42.4 63.6
119	38.9	25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017523.D
Acq: 28 Feb 2024 16:18

Tgt Ion:152	Resp:	348
Ion	Ratio	Lower Upper
152	100	
115	28.4	28.2 84.7
150	162.1	0.0 345.6

