

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017519.D
 Acq On : 28 Feb 2024 14:25
 Operator : SY/MD
 Sample : P1610-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-02272024RE

Quant Time: Feb 28 23:13:39 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	666	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.697	114	1240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	54	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	625	99.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	198.040%#
35) Dibromofluoromethane	7.716	113	297	34.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.740%
50) Toluene-d8	10.185	98	1272	42.104	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.200%
62) 4-Bromofluorobenzene	12.489	95	75	7.899	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	15.800%#

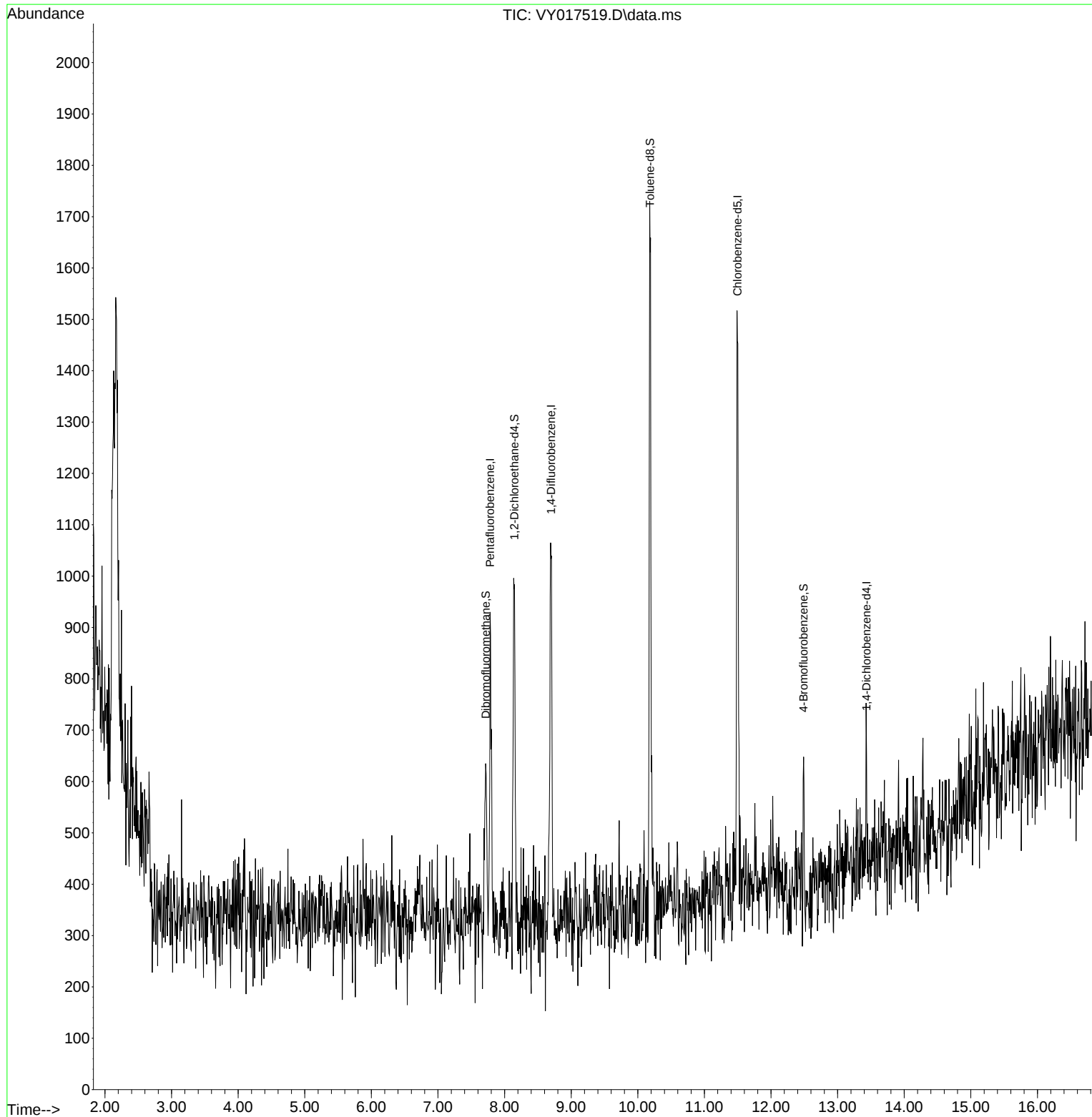
Target Compounds Qvalue

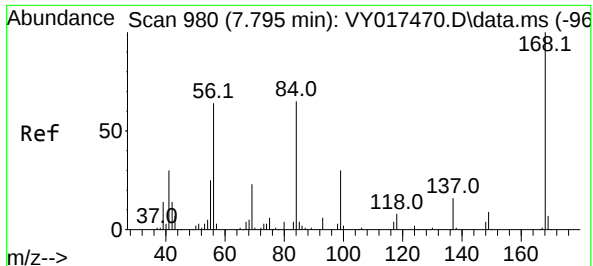
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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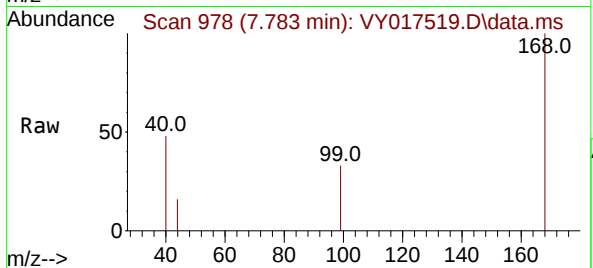
Quant Time: Feb 28 23:13:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
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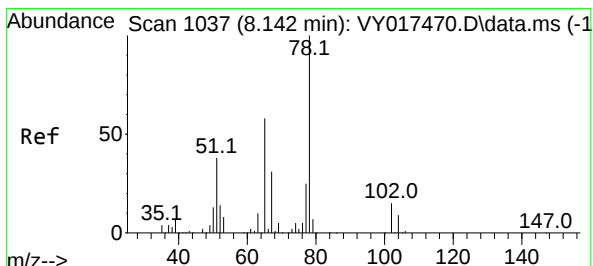
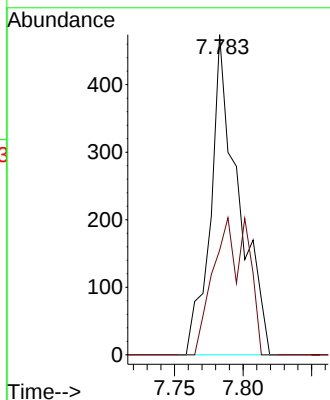
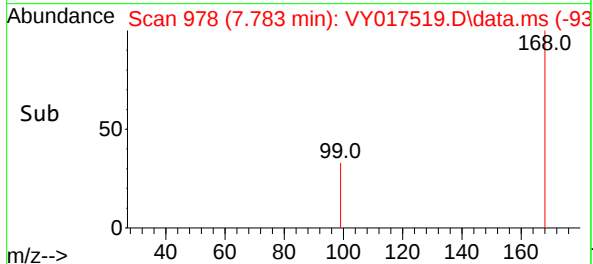


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25

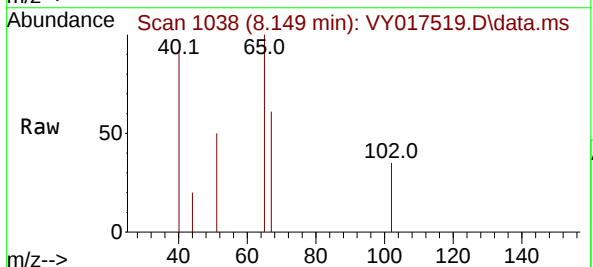
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-02272024RE



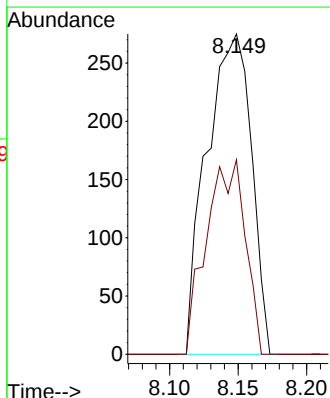
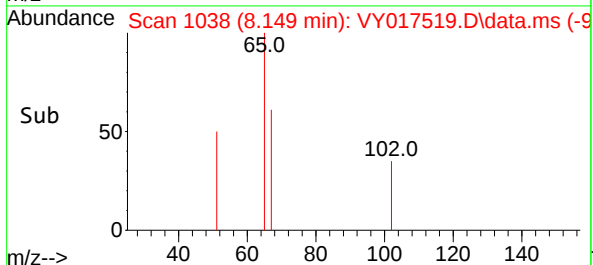
Tgt Ion:168 Resp: 666
Ion Ratio Lower Upper
168 100
99 32.7 39.1 58.7#

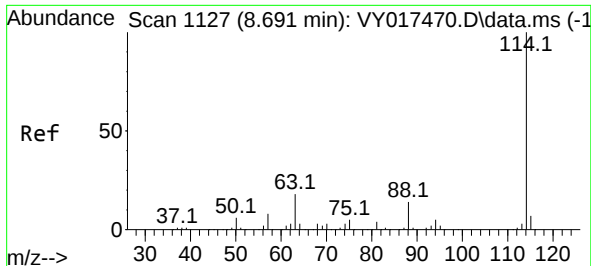


#33
1,2-Dichloroethane-d4
Concen: 99.020 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25



Tgt Ion: 65 Resp: 625
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017519.D

Acq: 28 Feb 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-02272024RE

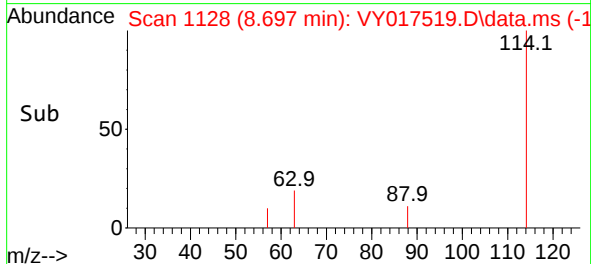
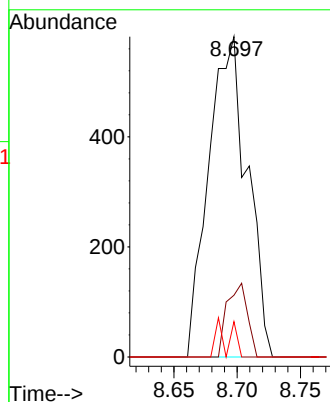
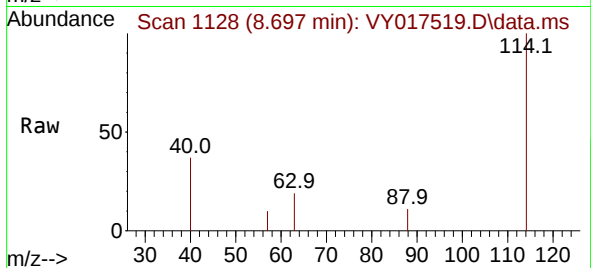
Tgt Ion:114 Resp: 1240

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 11.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 34.372 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017519.D

Acq: 28 Feb 2024 14:25

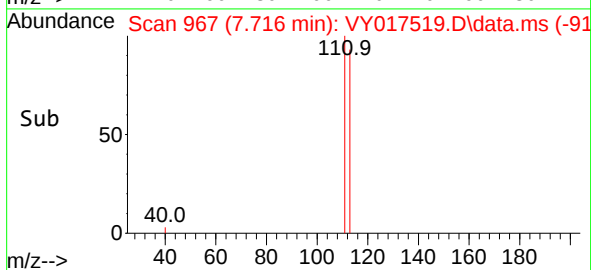
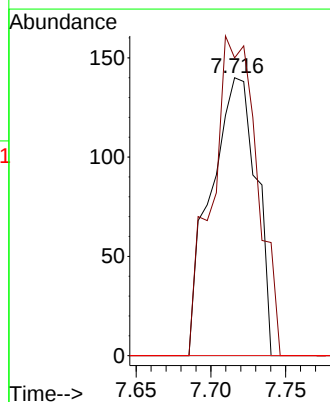
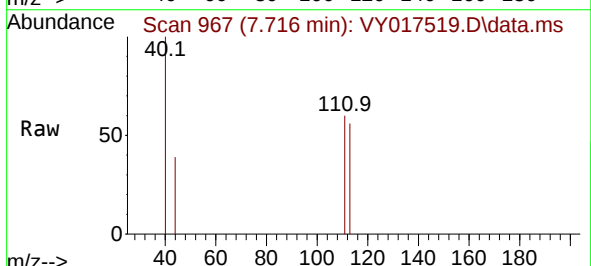
Tgt Ion:113 Resp: 297

Ion Ratio Lower Upper

113 100

111 113.5 82.2 123.4

192 0.0 15.9 23.9#

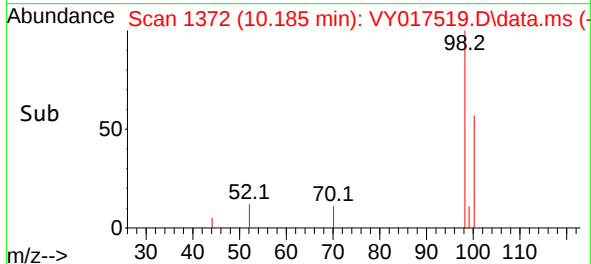
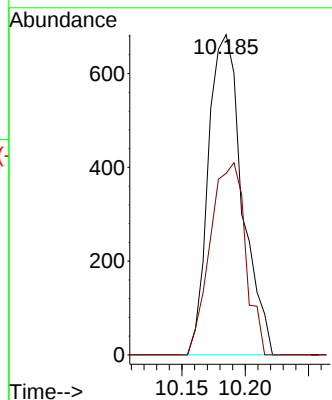
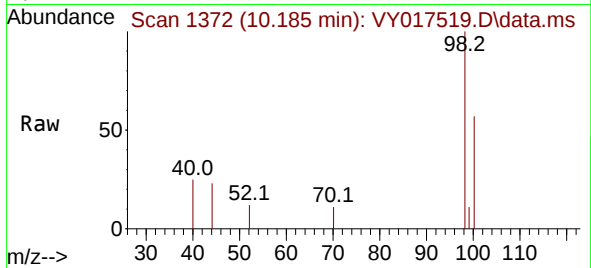




#50
Toluene-d8
Concen: 42.104 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25

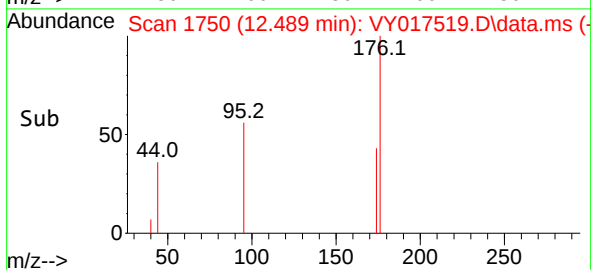
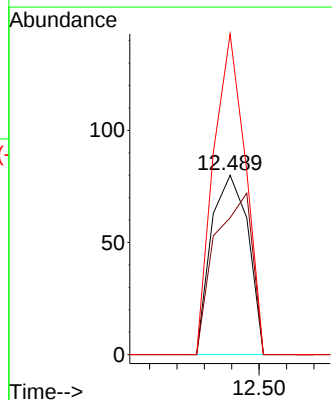
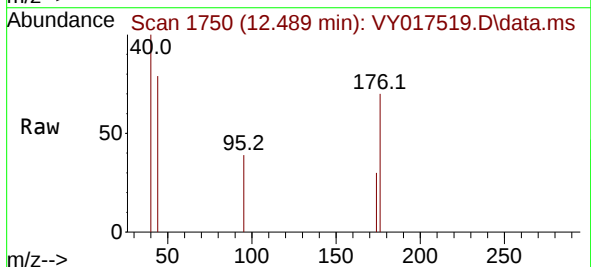
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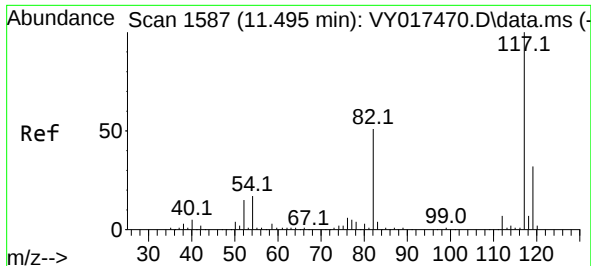
Tgt Ion: 98 Resp: 1272
Ion Ratio Lower Upper
98 100
100 62.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 7.899 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25

Tgt Ion: 95 Resp: 75
Ion Ratio Lower Upper
95 100
174 90.7 0.0 175.6
176 153.3 0.0 171.4

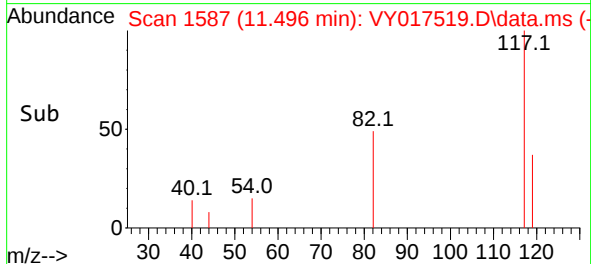
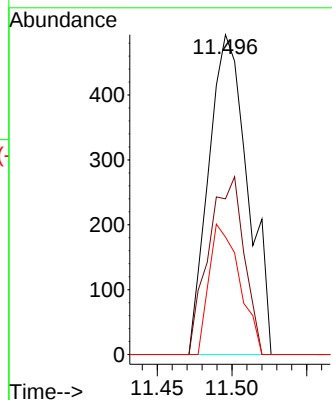
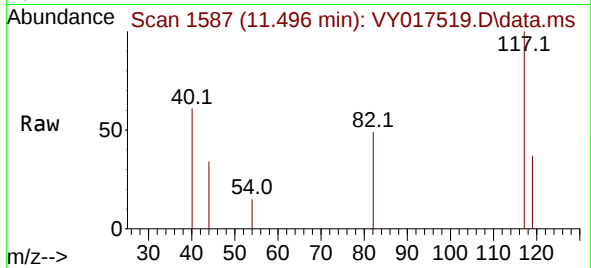




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25

Instrument :
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ClientSampleId :
SU-02-02272024RE

Tgt Ion:117	Resp:	894
Ion	Ratio	Lower Upper
117	100	
82	48.7	42.4 63.6
119	36.7	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25

Tgt Ion:152	Resp:	54
Ion	Ratio	Lower Upper
152	100	
115	38.9	28.2 84.7
150	394.4	0.0 345.6#

