

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018036.D
 Acq On : 24 Apr 2024 15:04
 Operator : SY/MD
 Sample : P2245-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 YARD-3

Quant Time: Apr 25 01:35:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	7699	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	10081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	7468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3629	54.469	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.940%	
35) Dibromofluoromethane	7.710	113	4161	66.904	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.800%	
50) Toluene-d8	10.179	98	10911	46.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.460%	
62) 4-Bromofluorobenzene	12.489	95	1901	26.010	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 52.020%	

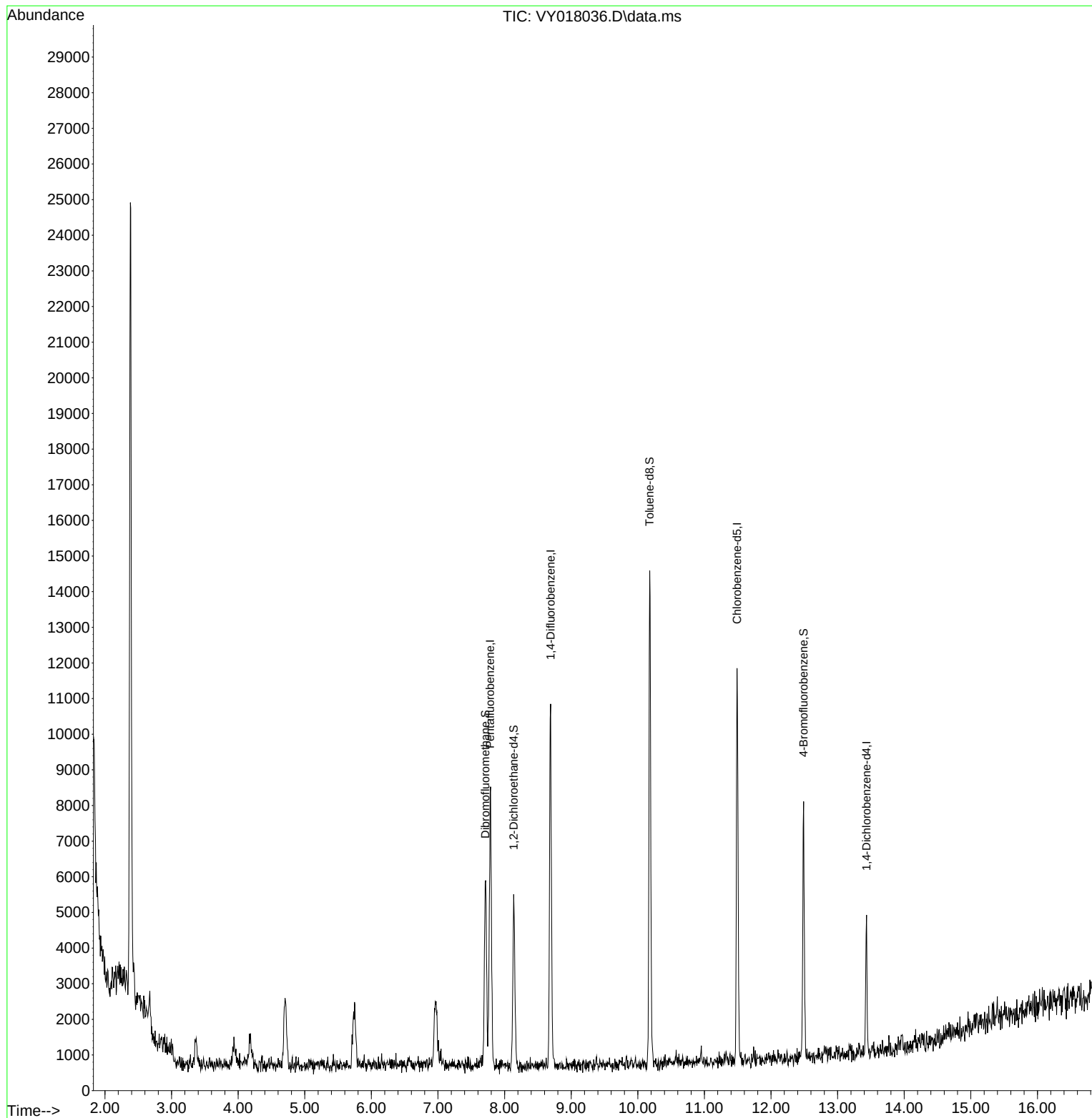
Target Compounds	Qvalue

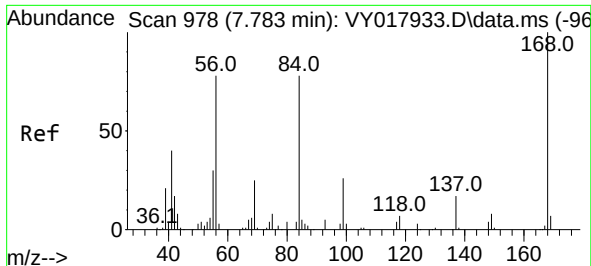
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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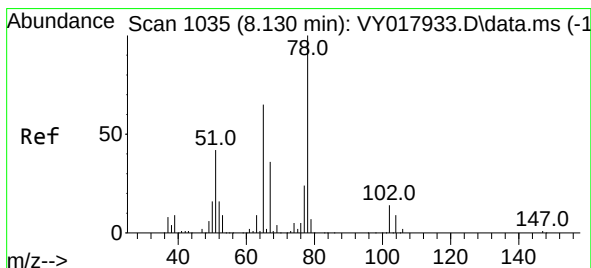
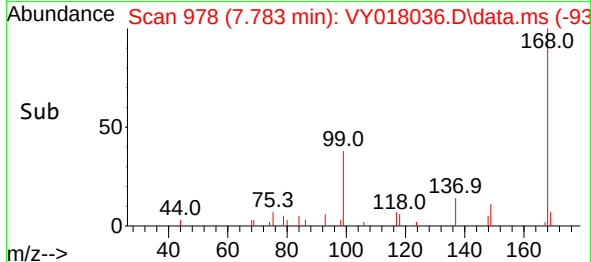
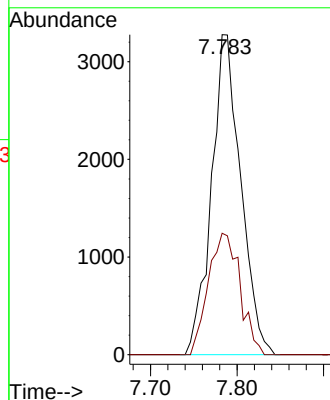
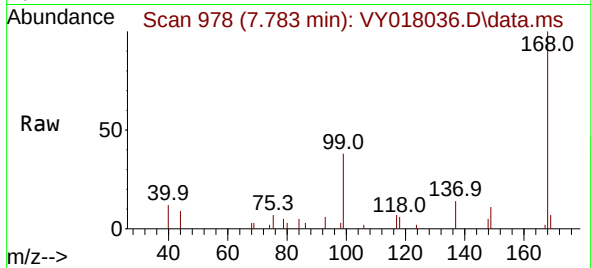




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

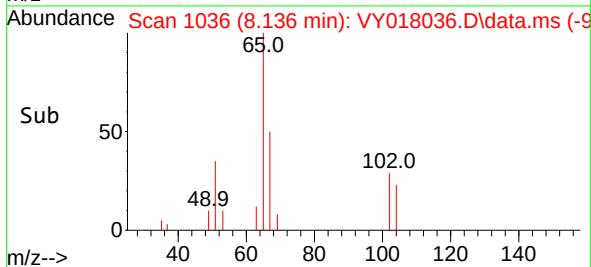
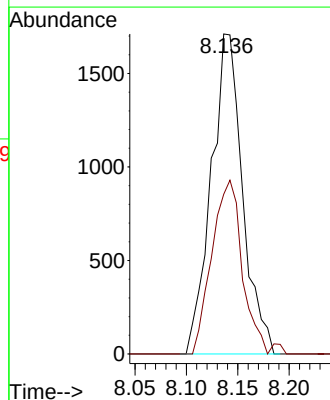
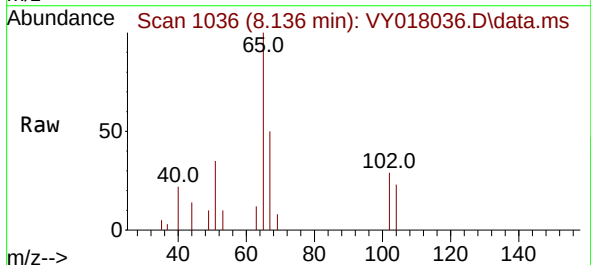
Instrument :
MSVOA_Y
ClientSampleId :
YARD-3

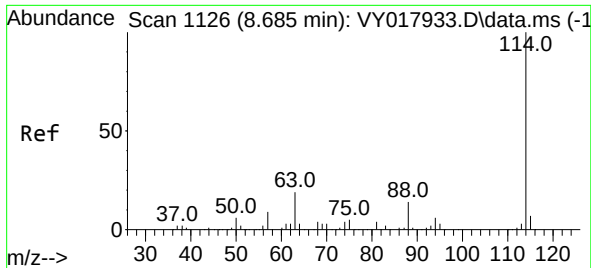
Tgt Ion:168 Resp: 7699
Ion Ratio Lower Upper
168 100
99 38.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 54.469 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

Tgt Ion: 65 Resp: 3629
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018036.D

Acq: 24 Apr 2024 15:04

Instrument :

MSVOA_Y

ClientSampleId :

YARD-3

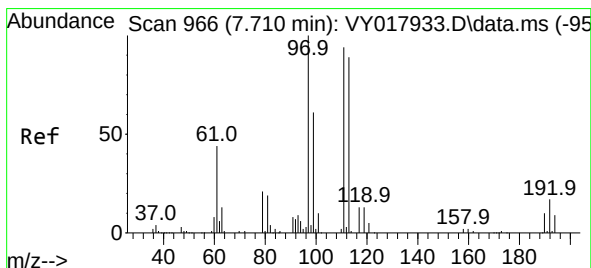
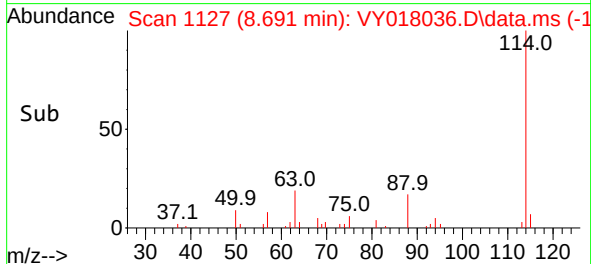
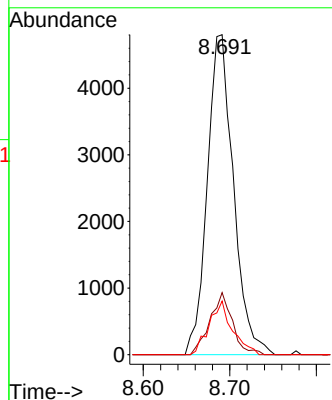
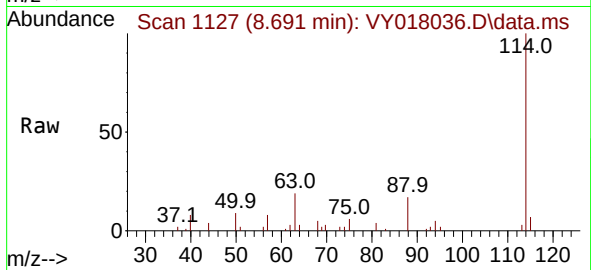
Tgt Ion:114 Resp: 10081

Ion Ratio Lower Upper

114 100

63 19.4 0.0 35.0

88 16.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 66.904 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018036.D

Acq: 24 Apr 2024 15:04

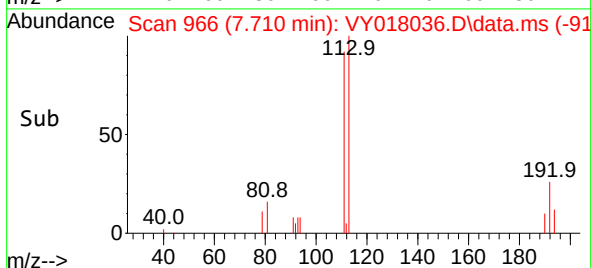
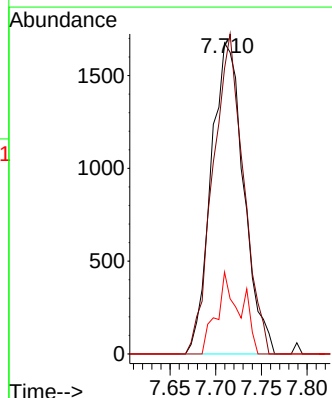
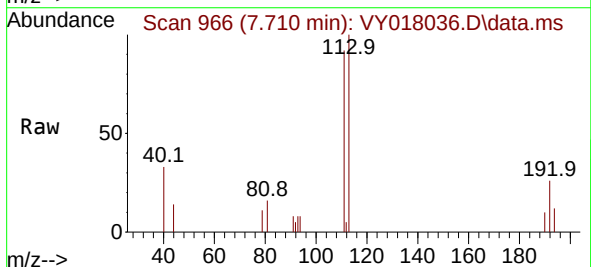
Tgt Ion:113 Resp: 4161

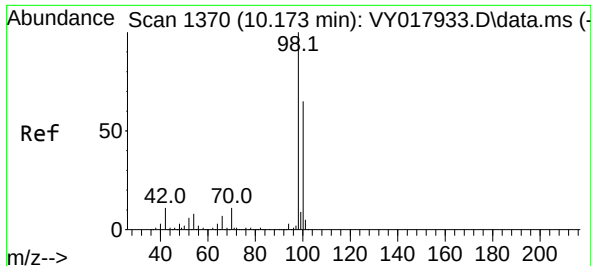
Ion Ratio Lower Upper

113 100

111 96.4 82.2 123.4

192 19.3 15.9 23.9

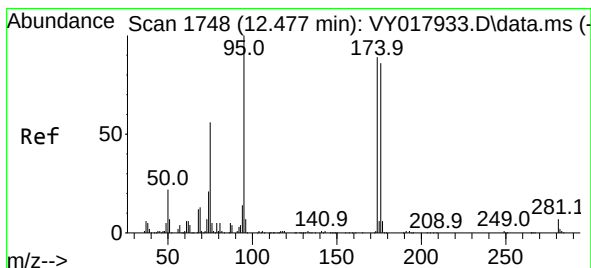
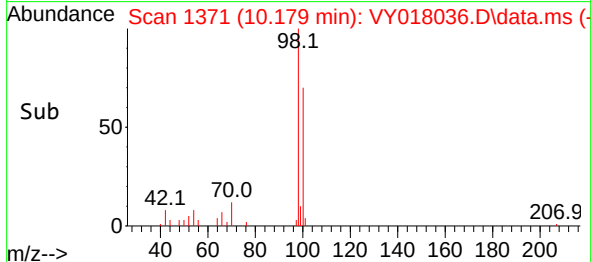
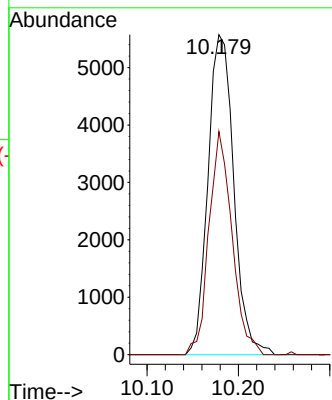
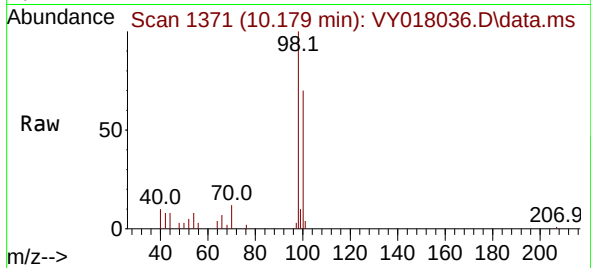




#50
Toluene-d8
Concen: 46.234 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

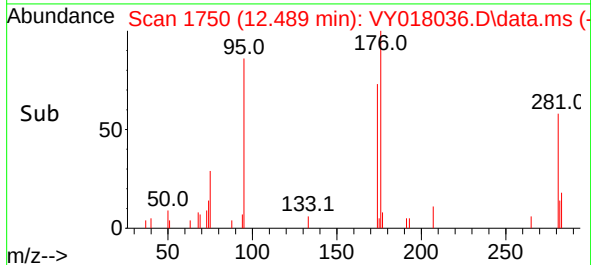
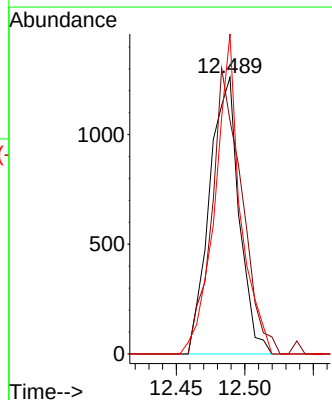
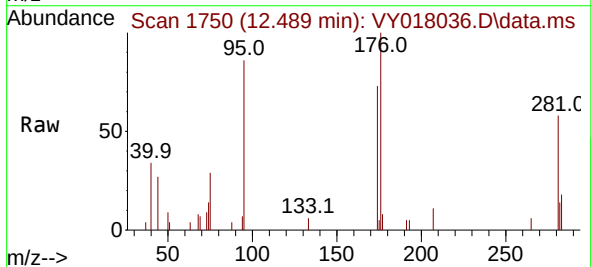
Instrument :
MSVOA_Y
ClientSampleId :
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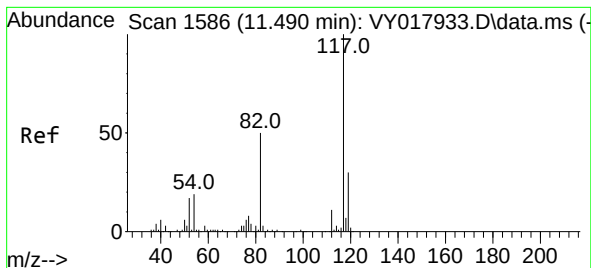
Tgt Ion: 98 Resp: 10911
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 26.010 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY018036.D
Acq: 24 Apr 2024 15:04

Tgt Ion: 95 Resp: 1901
Ion Ratio Lower Upper
95 100
174 104.9 0.0 175.6
176 98.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018036.D

Acq: 24 Apr 2024 15:04

Instrument :

MSVOA_Y

ClientSampleId :

YARD-3

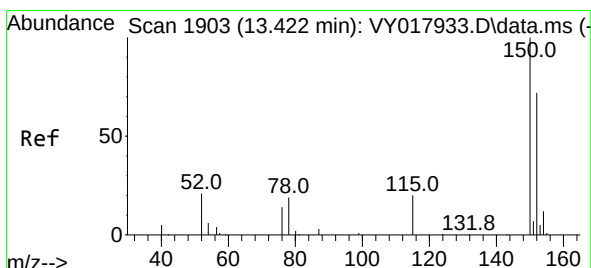
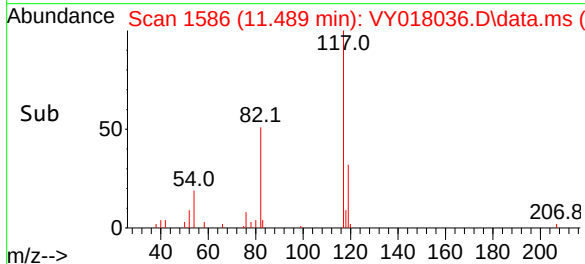
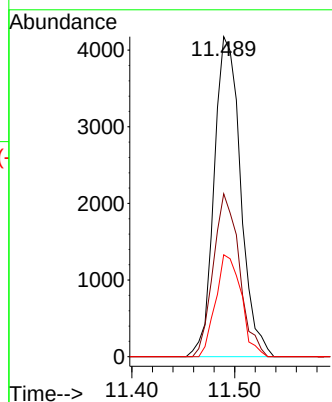
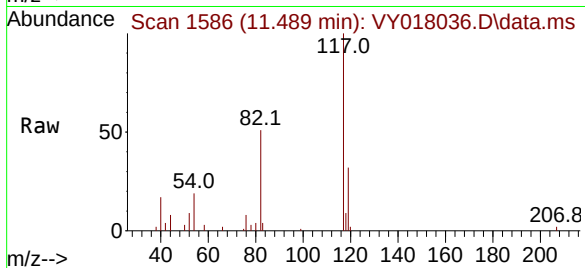
Tgt Ion:117 Resp: 7468

Ion Ratio Lower Upper

117 100

82 50.9 42.4 63.6

119 31.8 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: VY018036.D

Acq: 24 Apr 2024 15:04

Tgt Ion:152 Resp: 1282

Ion Ratio Lower Upper

152 100

115 44.0 28.2 84.7

150 152.3 0.0 345.6

