

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019490.D
 Acq On : 10 Sep 2024 16:11
 Operator : SY/MD
 Sample : P3907-09
 Misc : 4.36g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-701-VOC-55

Quant Time: Sep 11 01:50:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	285650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	551450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	491771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	183961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	169287	64.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.000%
35) Dibromofluoromethane	7.628	113	175302	56.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.140%
50) Toluene-d8	10.103	98	652361	56.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.820%
62) 4-Bromofluorobenzene	12.401	95	216167	48.613	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.220%

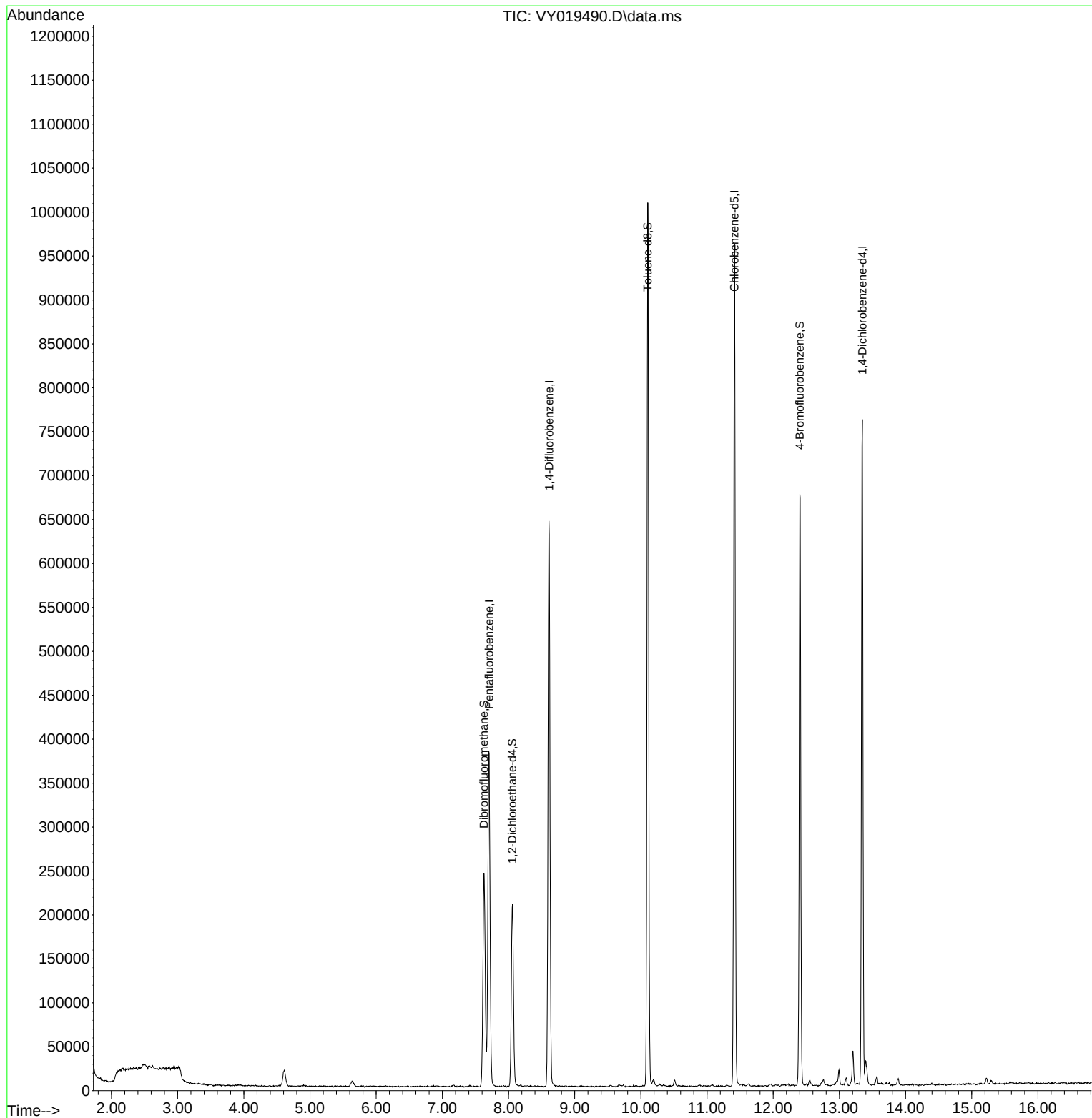
Target Compounds	Qvalue

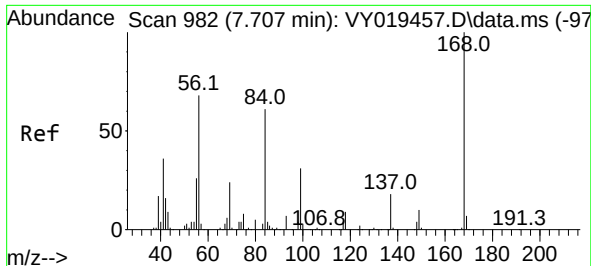
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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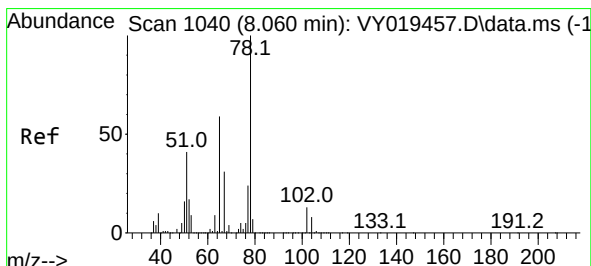
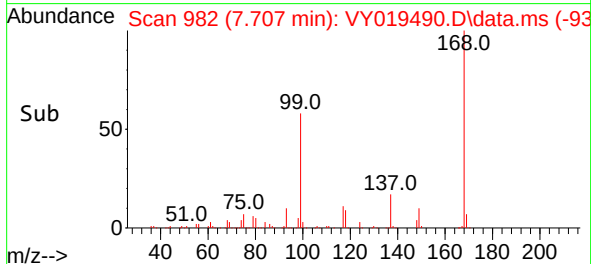
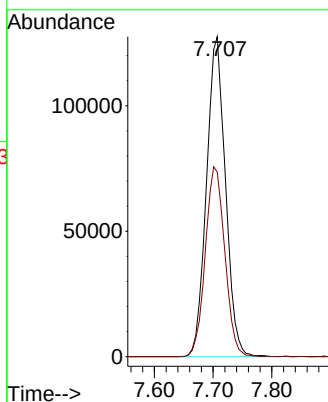
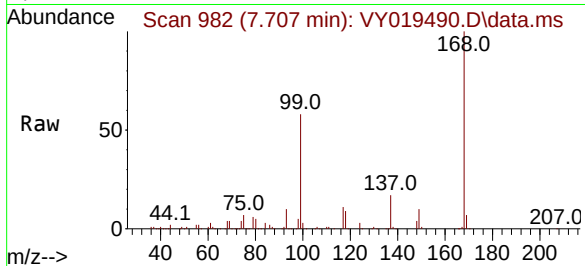




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019490.D
Acq: 10 Sep 2024 16:11

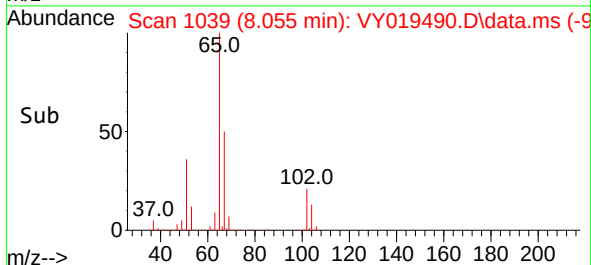
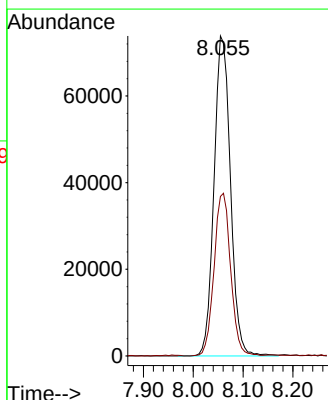
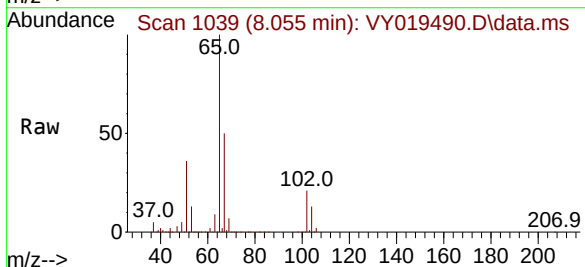
Instrument :
MSVOA_Y
ClientSampleId :
PL-701-VOC-55

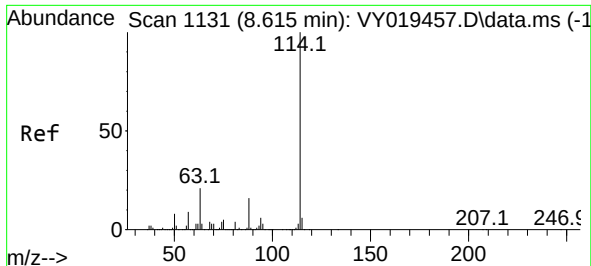
Tgt Ion:168 Resp: 285650
Ion Ratio Lower Upper
168 100
99 57.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 64.001 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019490.D
Acq: 10 Sep 2024 16:11

Tgt Ion: 65 Resp: 169287
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6

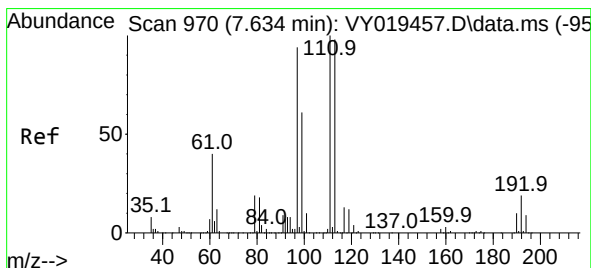
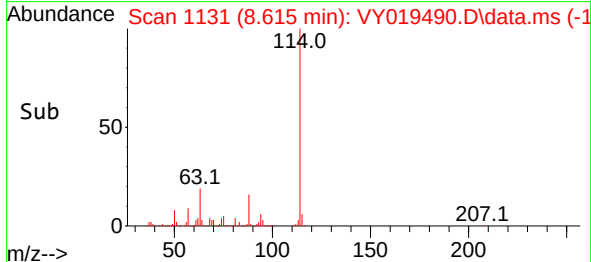
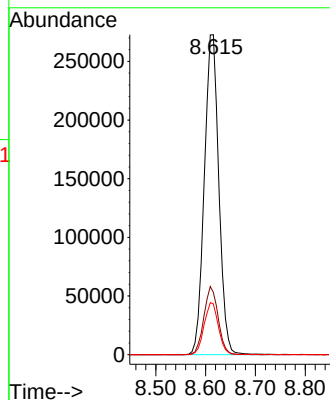
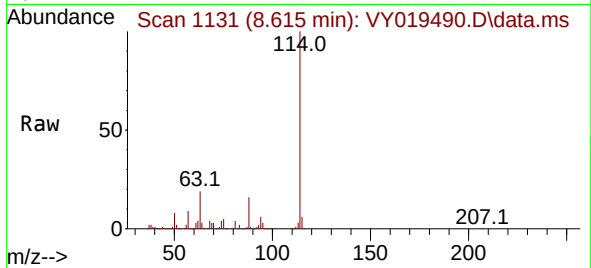




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019490.D
Acq: 10 Sep 2024 16:11

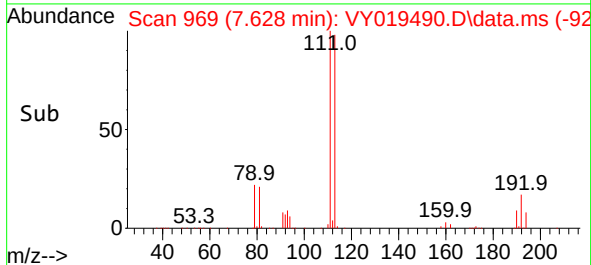
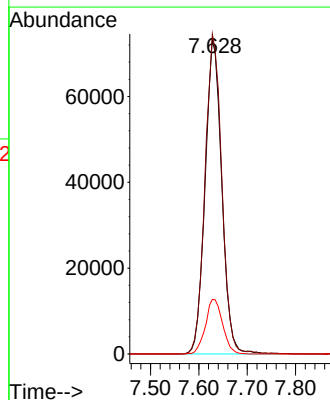
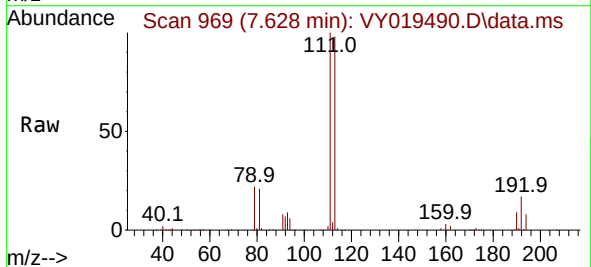
Instrument :
MSVOA_Y
ClientSampleId :
PL-701-VOC-55

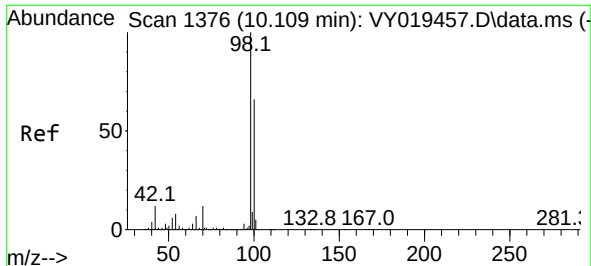
Tgt Ion:114 Resp: 551450
Ion Ratio Lower Upper
114 100
63 19.5 0.0 35.0
88 15.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.068 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019490.D
Acq: 10 Sep 2024 16:11

Tgt Ion:113 Resp: 175302
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 17.9 15.9 23.9

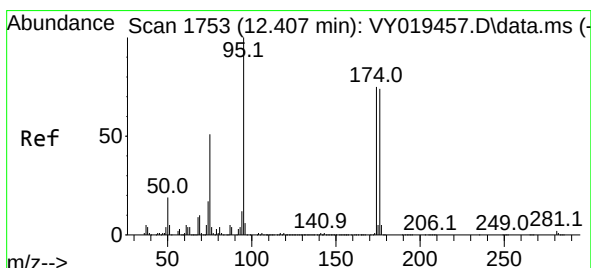
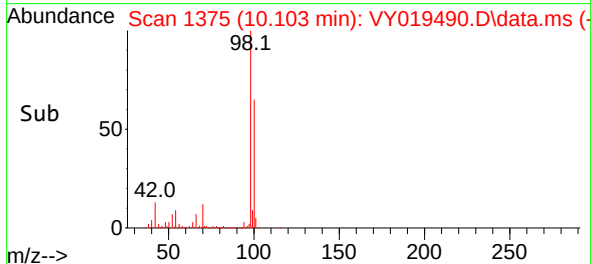
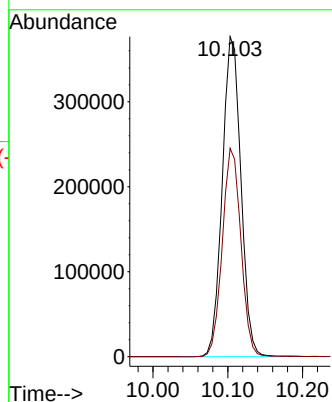
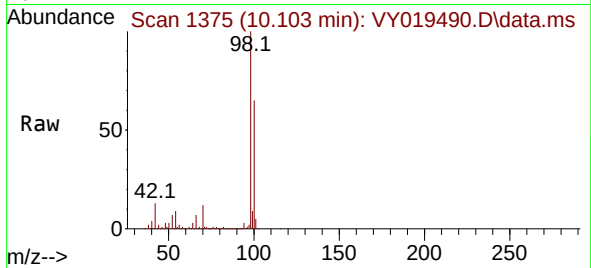




#50
Toluene-d8
Concen: 56.410 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019490.D
Acq: 10 Sep 2024 16:11

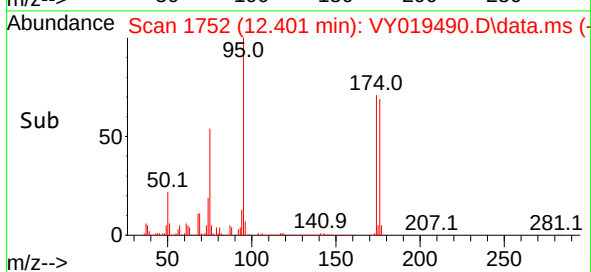
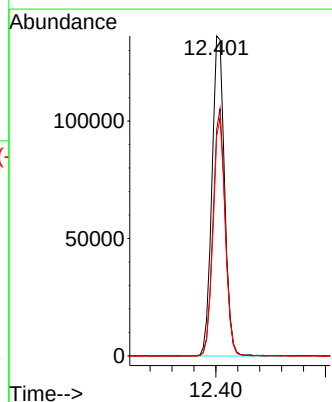
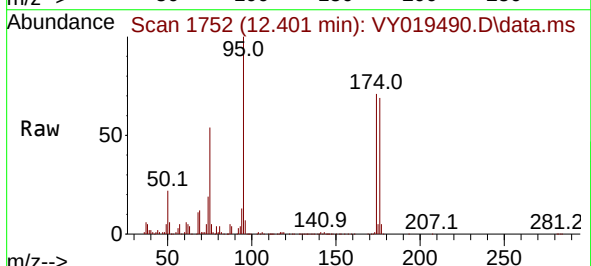
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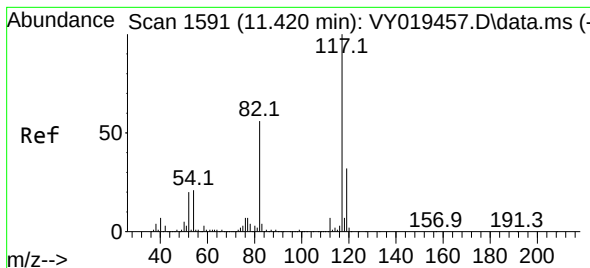
Tgt Ion: 98 Resp: 652361
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.613 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019490.D
Acq: 10 Sep 2024 16:11

Tgt Ion: 95 Resp: 216167
Ion Ratio Lower Upper
95 100
174 74.7 0.0 175.6
176 71.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019490.D

Acq: 10 Sep 2024 16:11

Instrument :

MSVOA_Y

ClientSampleId :

PL-701-VOC-55

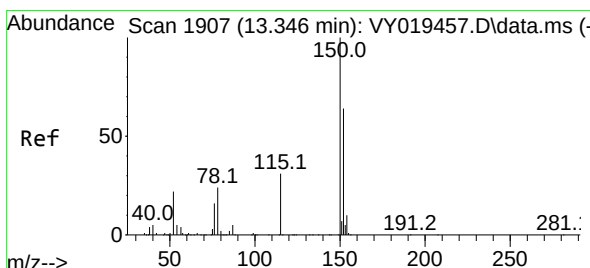
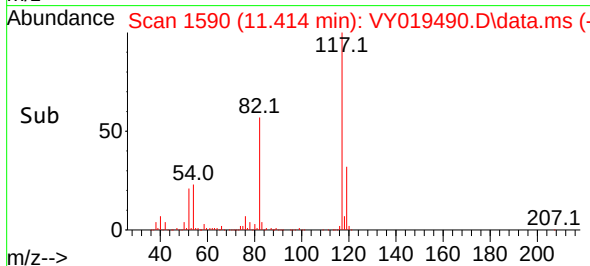
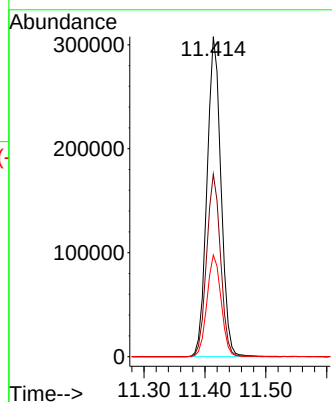
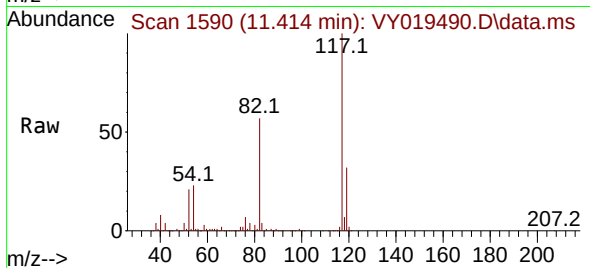
Tgt Ion:117 Resp: 491771

Ion Ratio Lower Upper

117 100

82 57.0 42.4 63.6

119 31.8 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: VY019490.D

Acq: 10 Sep 2024 16:11

Tgt Ion:152 Resp: 183961

Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 158.5 0.0 345.6

