

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019543.D
 Acq On : 13 Sep 2024 16:45
 Operator : SY/MD
 Sample : P3979-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-091224

Quant Time: Sep 13 23:34:21 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	39055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	65286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	43123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	10637	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	16183	44.749	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.500%
35) Dibromofluoromethane	7.628	113	18502	49.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.960%
50) Toluene-d8	10.103	98	72595	53.023	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.040%
62) 4-Bromofluorobenzene	12.408	95	15929	30.258	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	60.520%

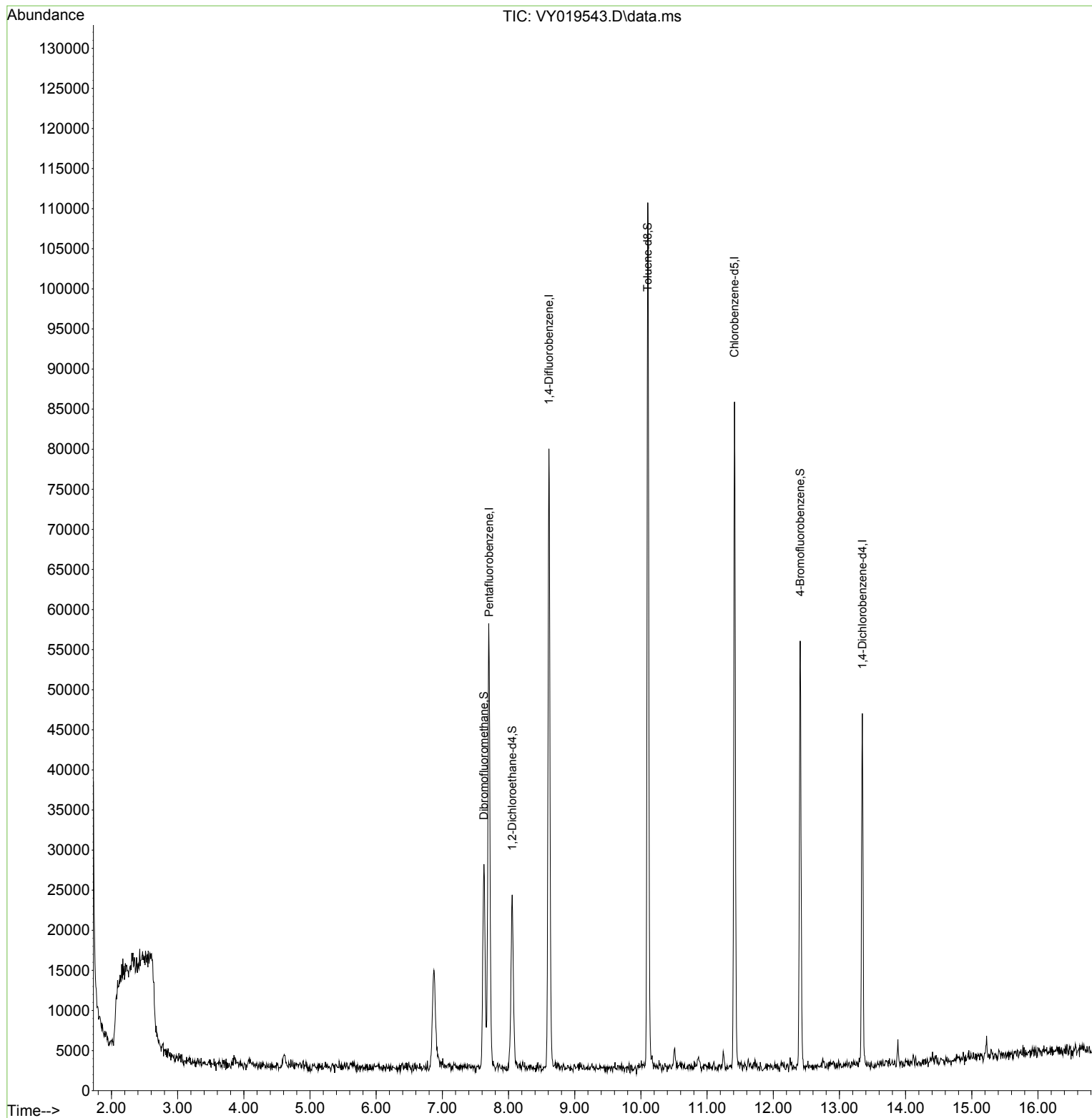
Target Compounds	Qvalue

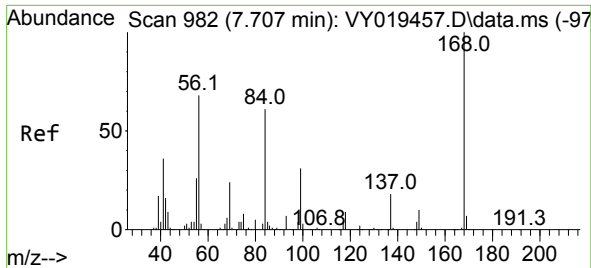
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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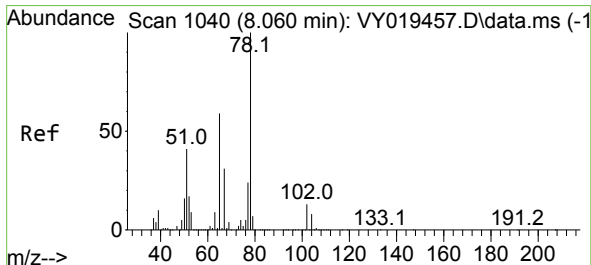
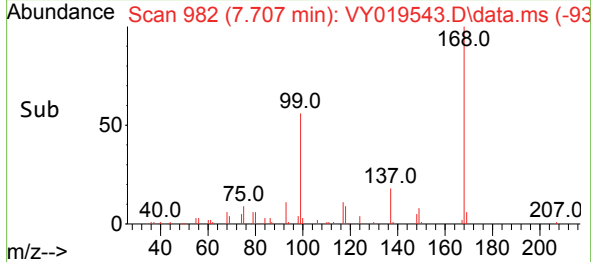
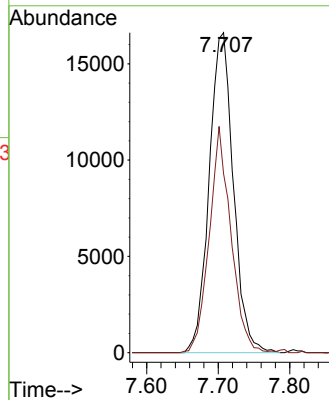
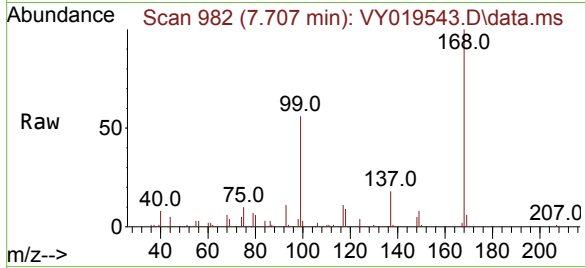




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019543.D
Acq: 13 Sep 2024 16:45

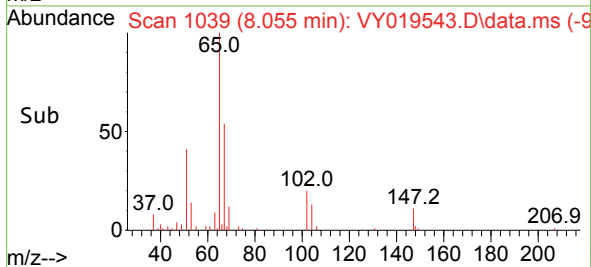
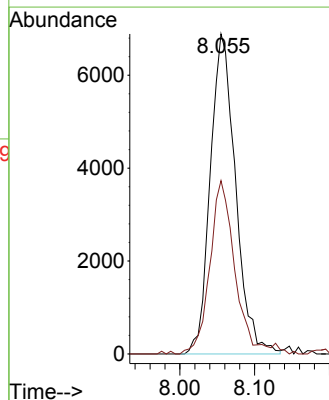
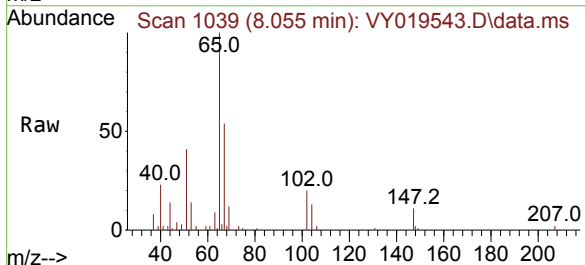
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-091224

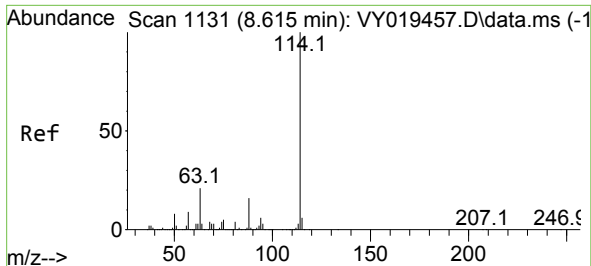
Tgt Ion:168 Resp: 39055
Ion Ratio Lower Upper
168 100
99 55.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 44.749 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019543.D
Acq: 13 Sep 2024 16:45

Tgt Ion: 65 Resp: 16183
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.6

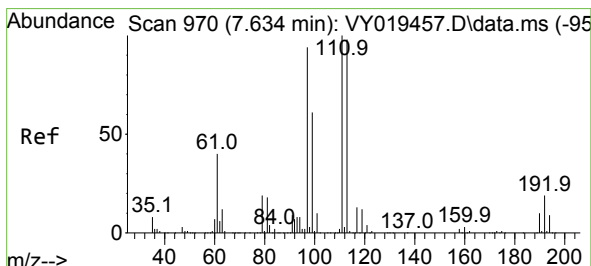
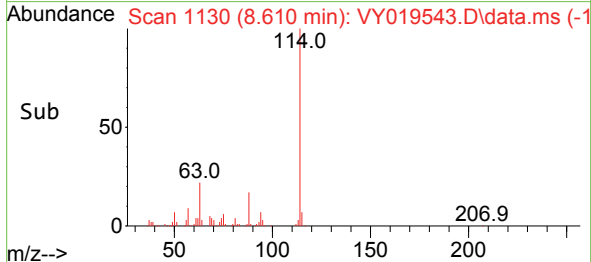
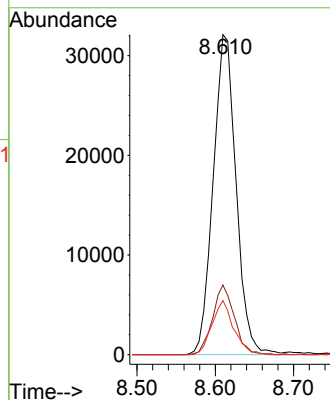
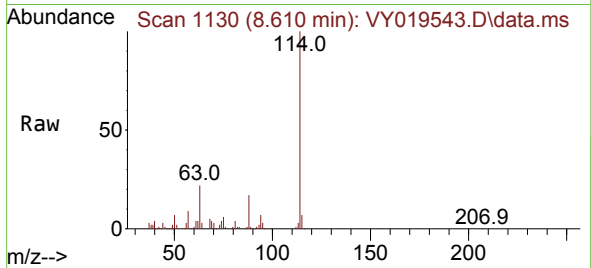




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019543.D
Acq: 13 Sep 2024 16:45

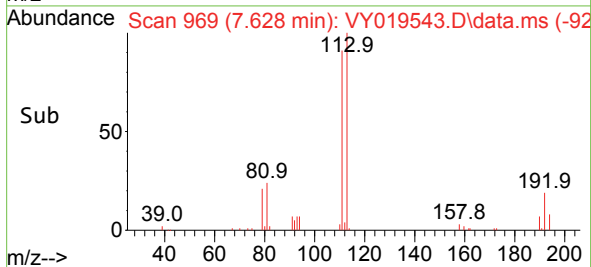
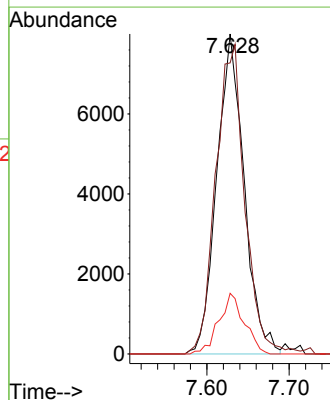
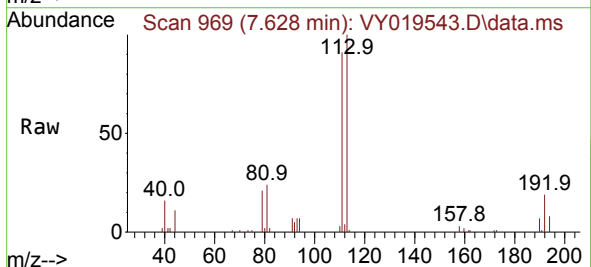
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-091224

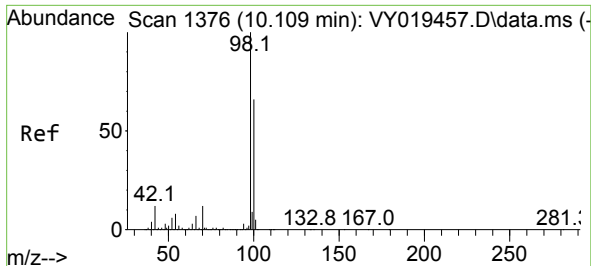
Tgt Ion:114 Resp: 65286
Ion Ratio Lower Upper
114 100
63 21.8 0.0 35.0
88 16.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.984 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019543.D
Acq: 13 Sep 2024 16:45

Tgt Ion:113 Resp: 18502
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.6 15.9 23.9

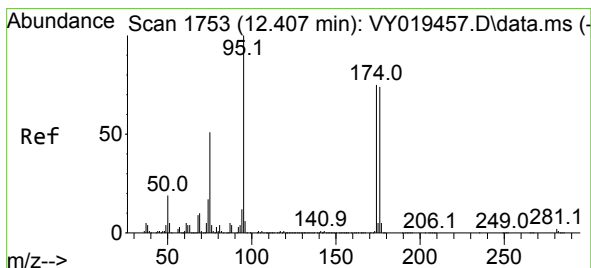
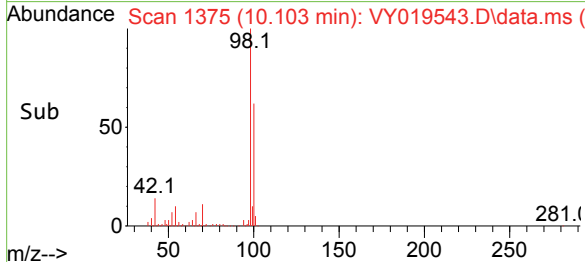
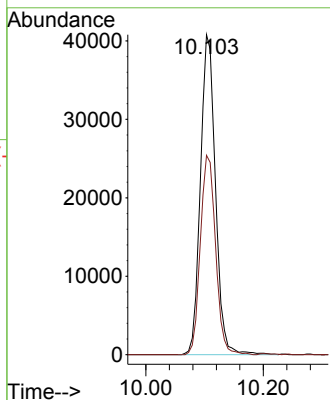
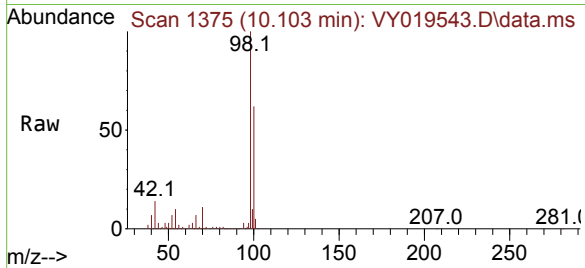




#50
Toluene-d8
Concen: 53.023 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019543.D
Acq: 13 Sep 2024 16:45

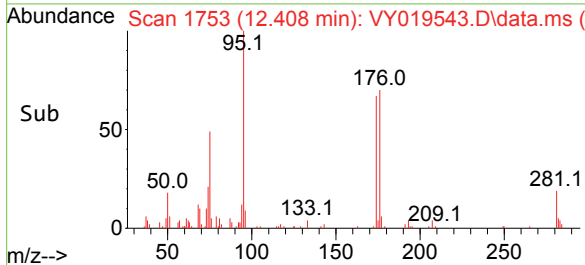
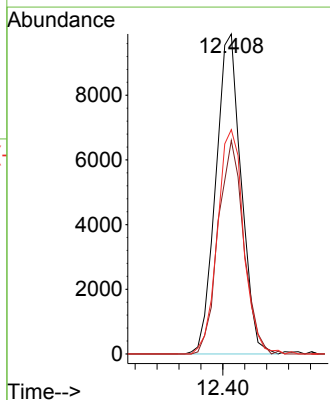
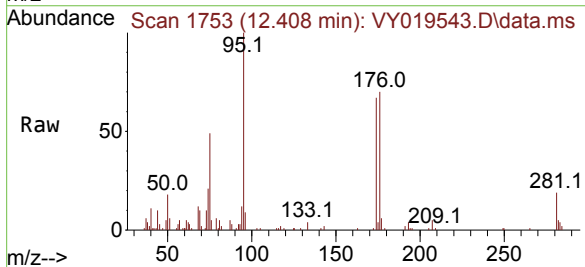
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-091224

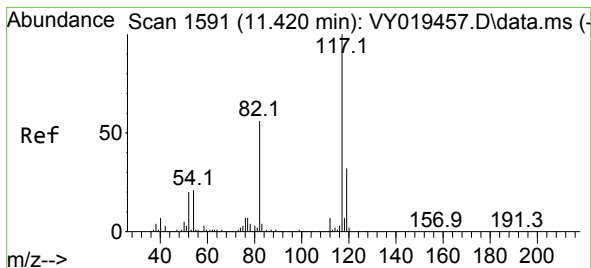
Tgt Ion: 98 Resp: 72595
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.258 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019543.D
Acq: 13 Sep 2024 16:45

Tgt Ion: 95 Resp: 15929
Ion Ratio Lower Upper
95 100
174 67.2 0.0 175.6
176 72.3 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: VY019543.D

Acq: 13 Sep 2024 16:45

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-091224

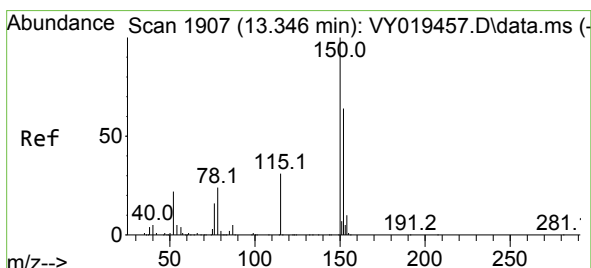
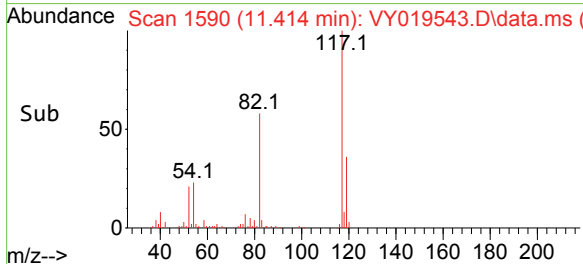
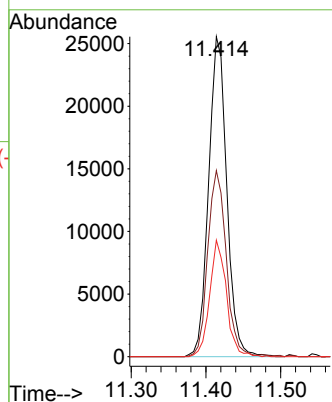
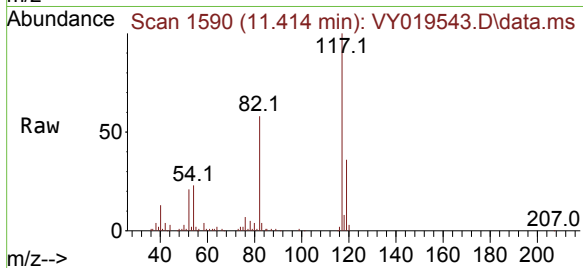
Tgt Ion:117 Resp: 43123

Ion Ratio Lower Upper

117 100

82 58.2 42.4 63.6

119 36.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019543.D

Acq: 13 Sep 2024 16:45

Tgt Ion:152 Resp: 10637

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 155.6 0.0 345.6

