

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019434.D
 Acq On : 03 Sep 2024 17:11
 Operator : SY/MD
 Sample : P3812-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-083024

Quant Time: Sep 04 01:36:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	50196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	85288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	76761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	17931	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	26240	55.190	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.380%
35) Dibromofluoromethane	7.628	113	28567	52.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.960%
50) Toluene-d8	10.109	98	93558	47.133	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.260%
62) 4-Bromofluorobenzene	12.408	95	26995	42.047	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	84.100%

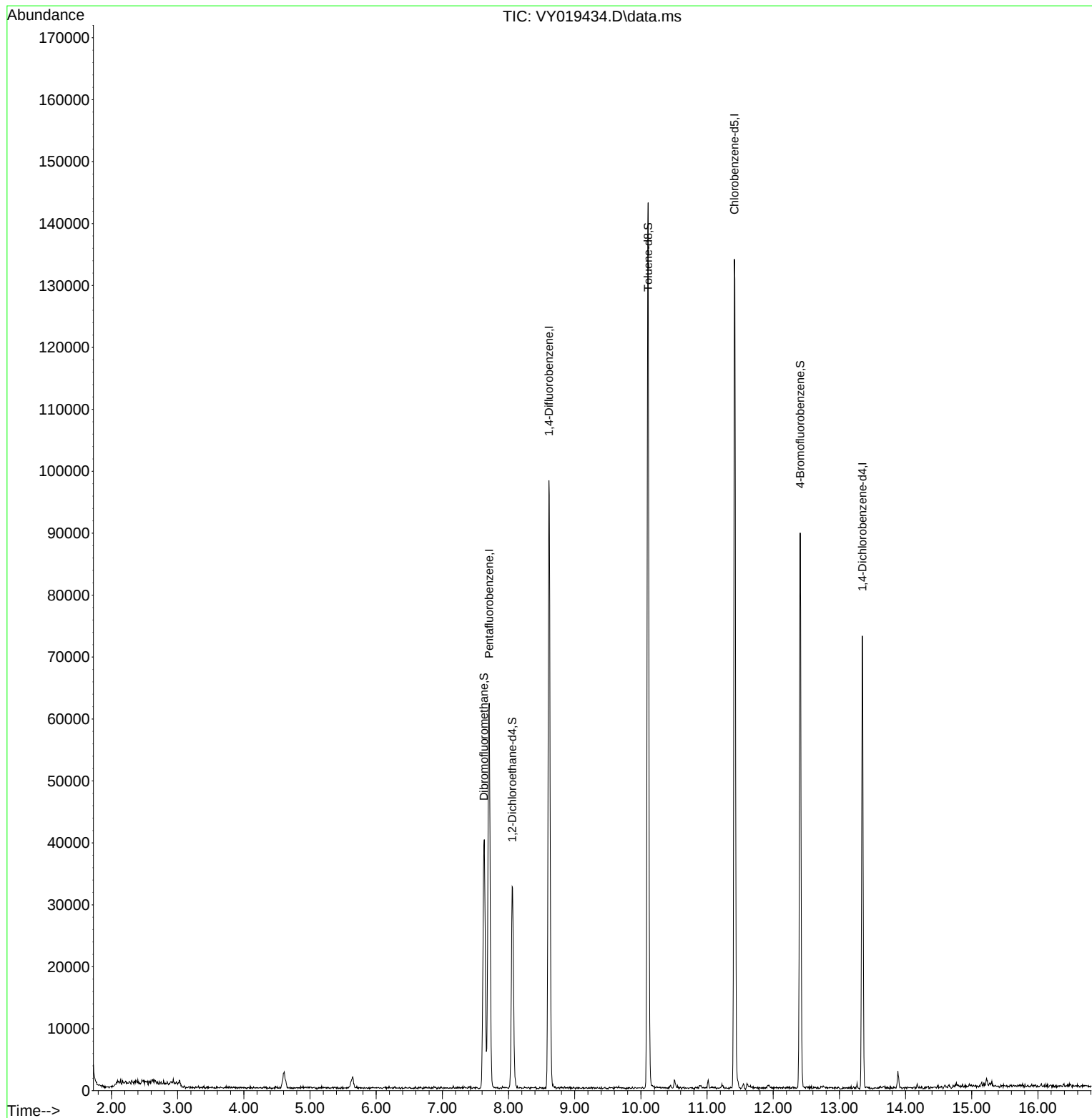
Target Compounds	Qvalue

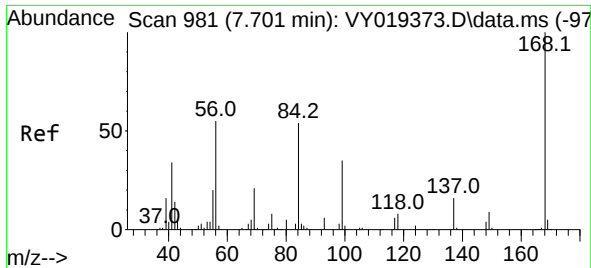
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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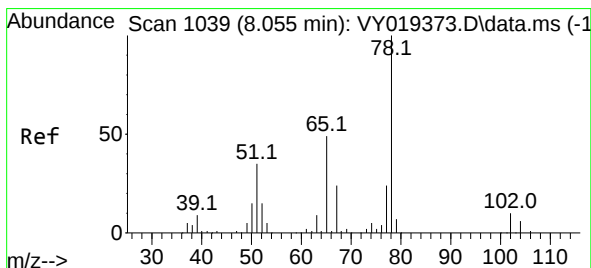
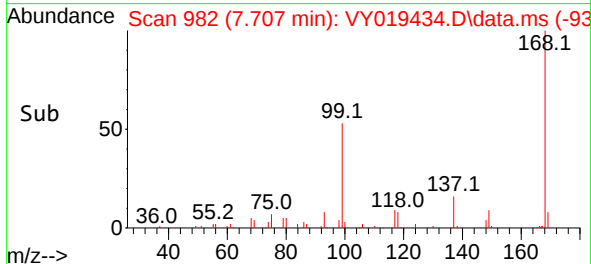
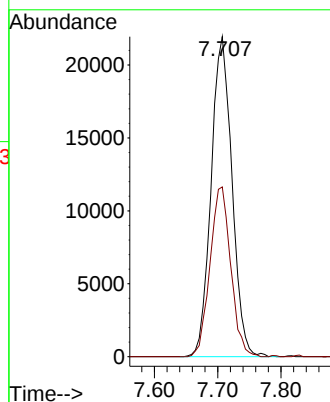
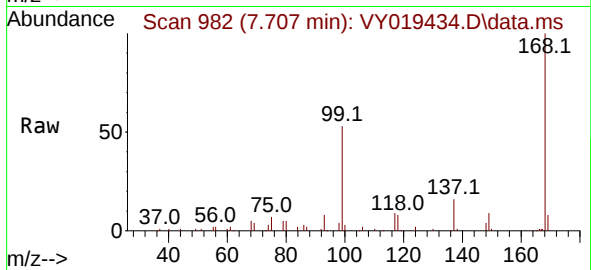




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019434.D
Acq: 03 Sep 2024 17:11

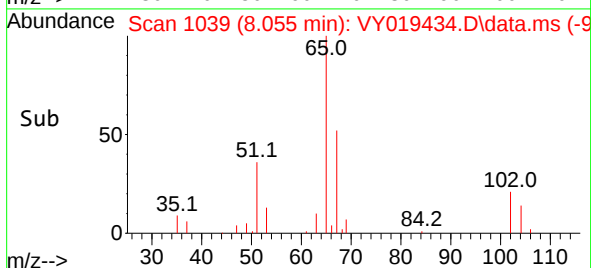
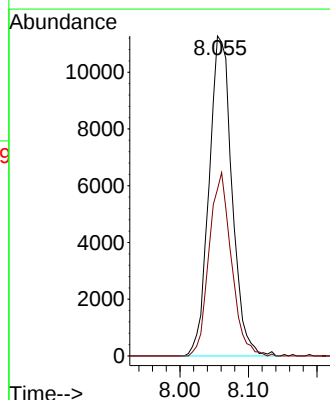
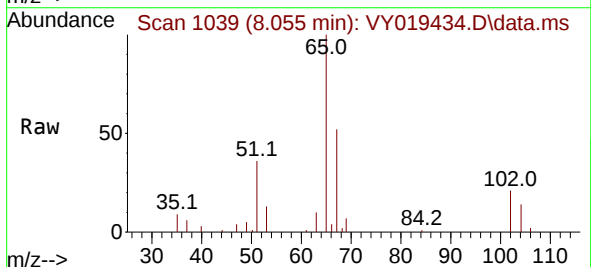
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-083024

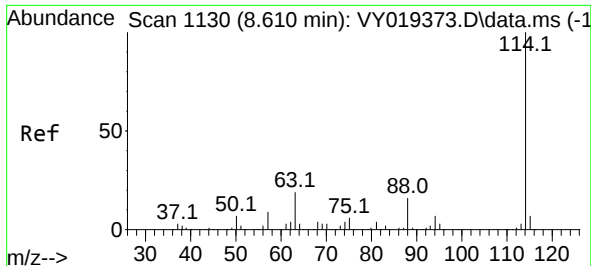
Tgt Ion:168 Resp: 50196
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.190 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY019434.D
Acq: 03 Sep 2024 17:11

Tgt Ion: 65 Resp: 26240
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019434.D

Acq: 03 Sep 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-083024

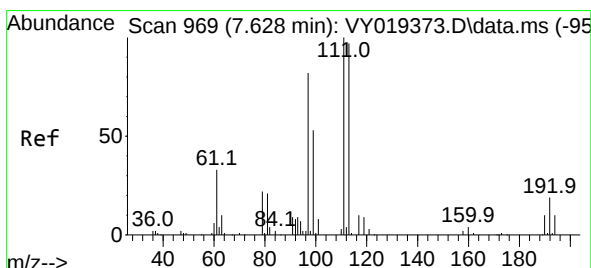
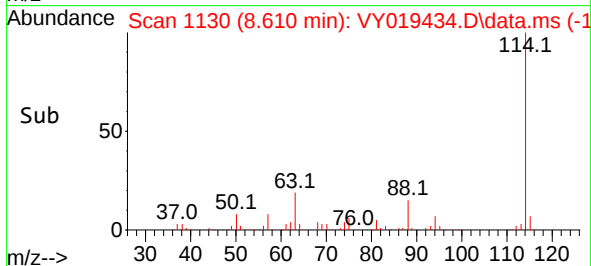
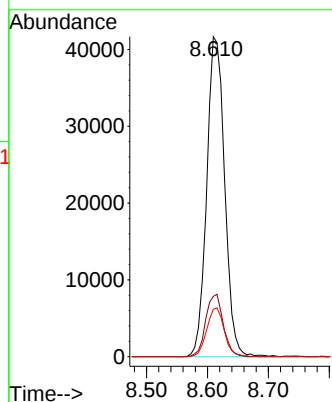
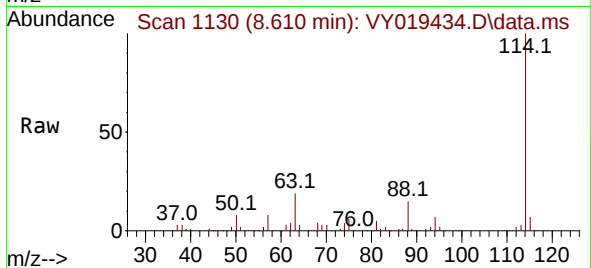
Tgt Ion:114 Resp: 85288

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.978 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY019434.D

Acq: 03 Sep 2024 17:11

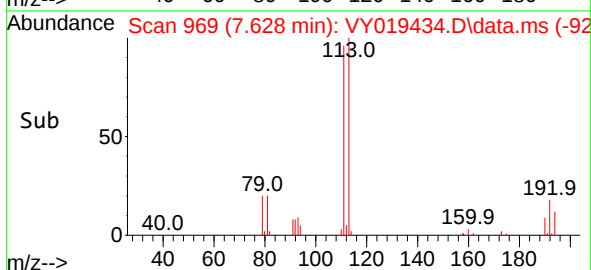
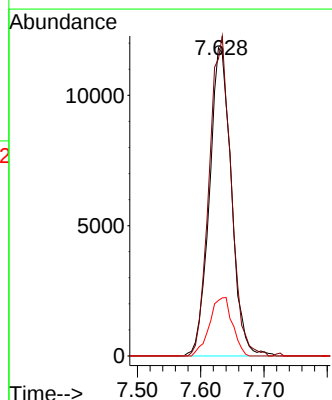
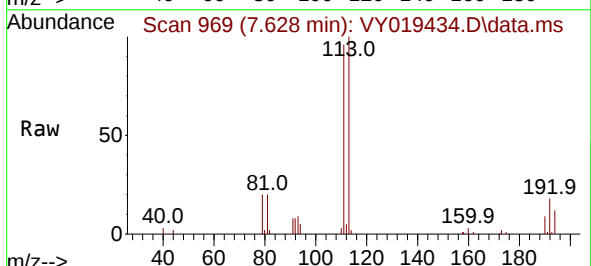
Tgt Ion:113 Resp: 28567

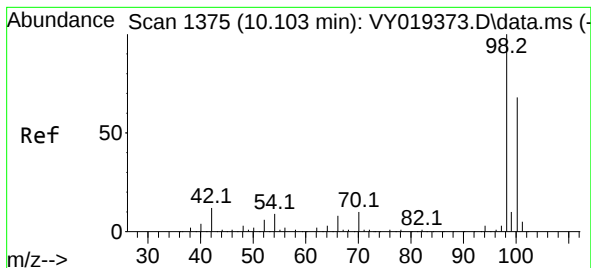
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 19.7 15.9 23.9





#50

Toluene-d8

Concen: 47.133 ug/l

RT: 10.109 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019434.D

Acq: 03 Sep 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

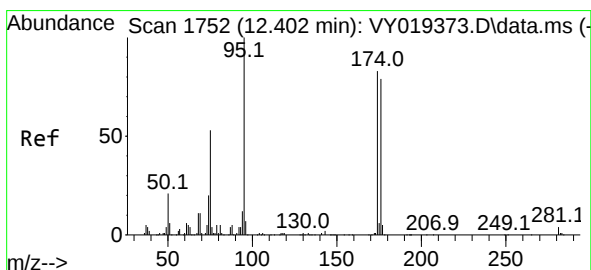
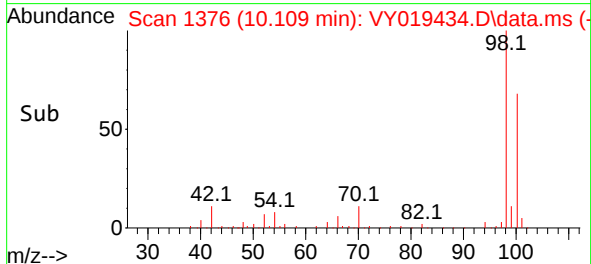
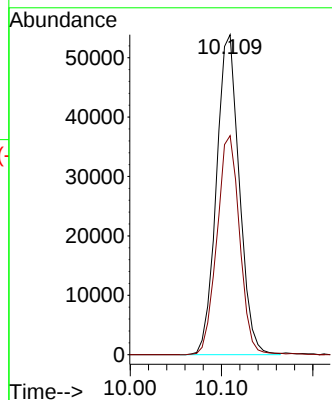
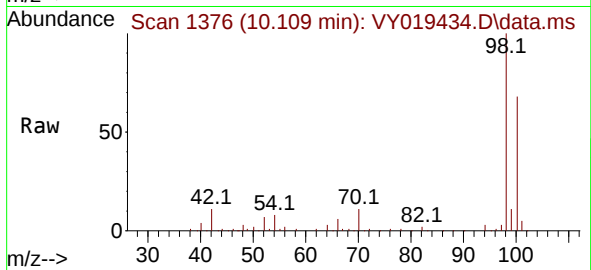
EO-02-083024

Tgt Ion: 98 Resp: 93558

Ion Ratio Lower Upper

98 100

100 68.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.047 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019434.D

Acq: 03 Sep 2024 17:11

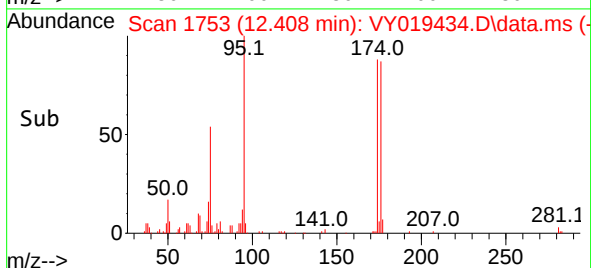
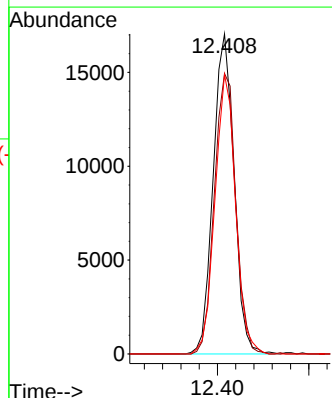
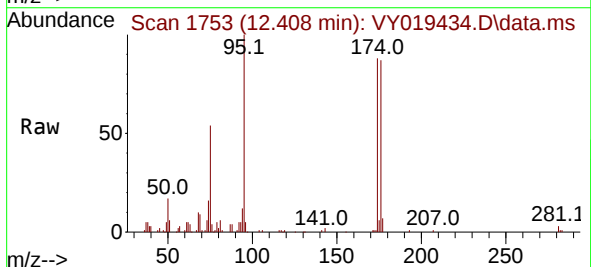
Tgt Ion: 95 Resp: 26995

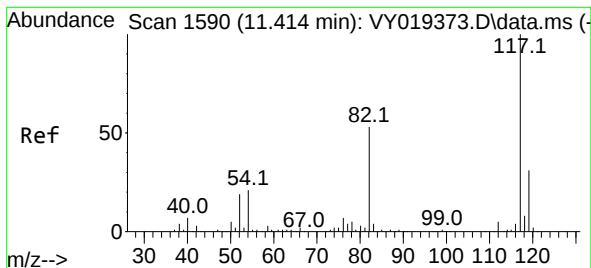
Ion Ratio Lower Upper

95 100

174 90.6 0.0 175.6

176 86.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019434.D

Acq: 03 Sep 2024 17:11

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-083024

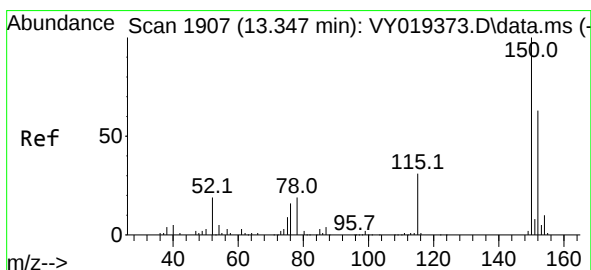
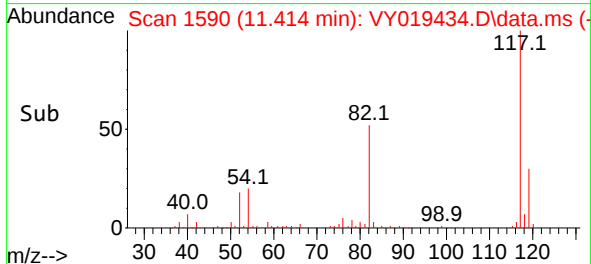
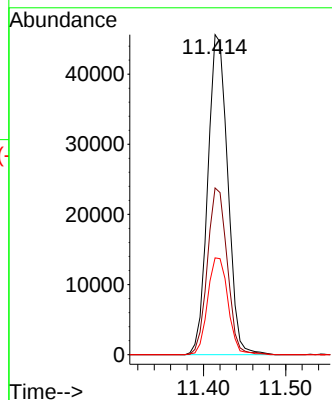
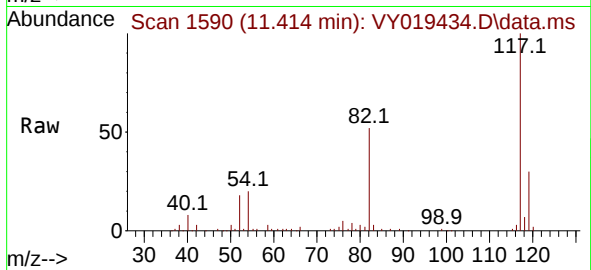
Tgt Ion:117 Resp: 76761

Ion Ratio Lower Upper

117 100

82 52.1 42.4 63.6

119 30.2 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: VY019434.D

Acq: 03 Sep 2024 17:11

Tgt Ion:152 Resp: 17931

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 151.9 0.0 345.6

