

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020483.D
 Acq On : 02 Dec 2024 14:24
 Operator : SY/MD
 Sample : P5019-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-11262024

Quant Time: Dec 02 14:56:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:47:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	162317	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	306523	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	273928	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	92336	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	88044	53.334	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.660%	
35) Dibromofluoromethane	7.652	113	94524	48.984	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.960%	
50) Toluene-d8	10.115	98	369563	50.294	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.414	95	109415	42.575	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.160%	

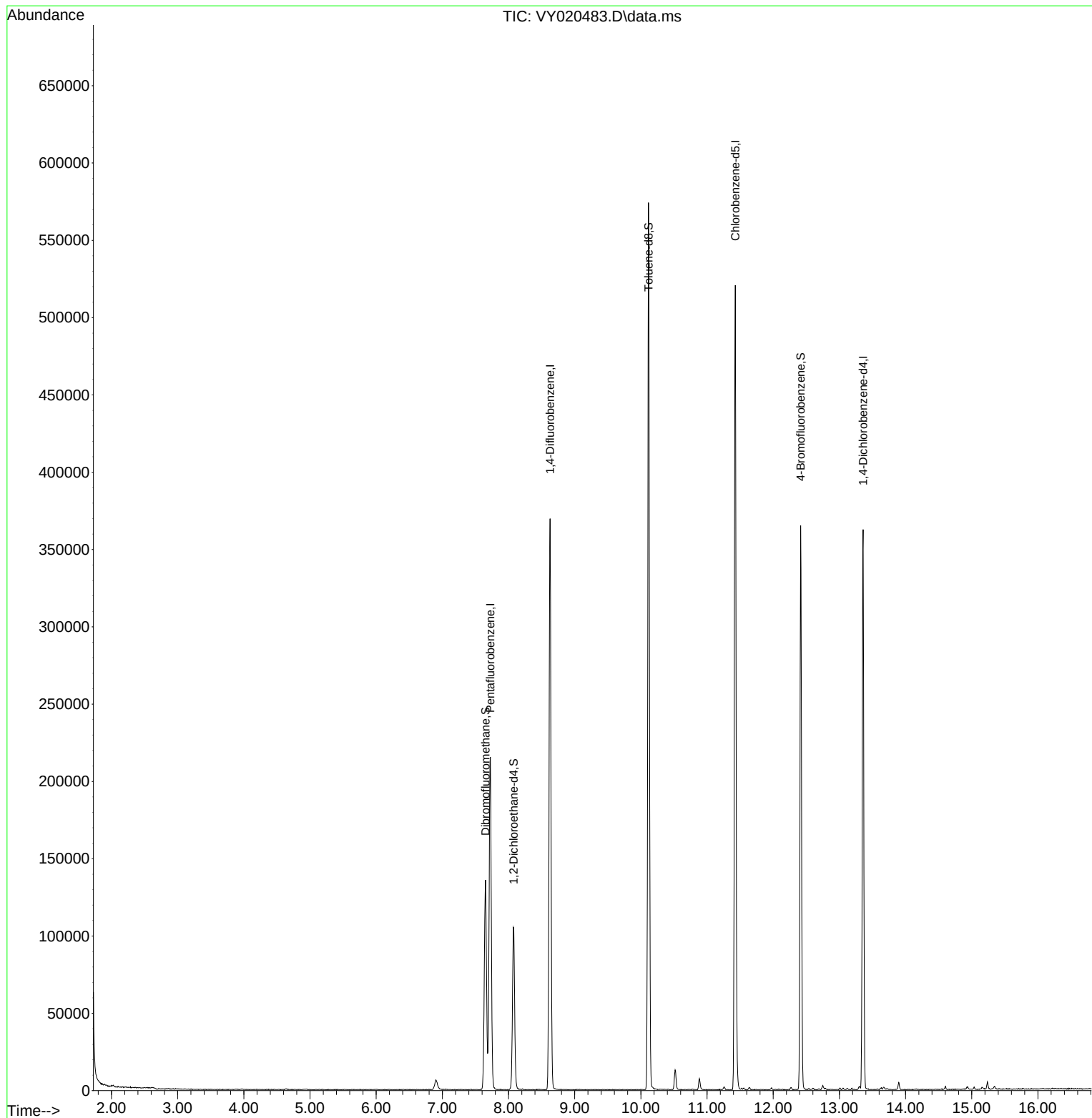
Target Compounds Qvalue

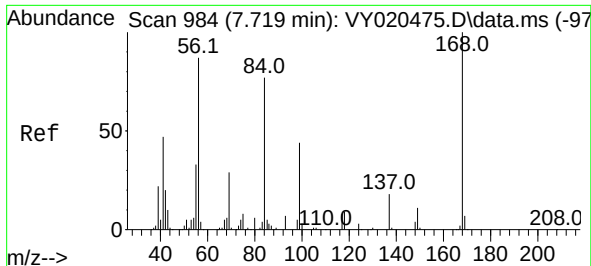
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY120224\
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Acq On : 02 Dec 2024 14:24
Operator : SY/MD
Sample : P5019-01
Misc : 5.08g/5.0mL/MSV0A_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :
EO-02-11262024

Quant Time: Dec 02 14:56:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 02 14:47:59 2024
Response via : Initial Calibration

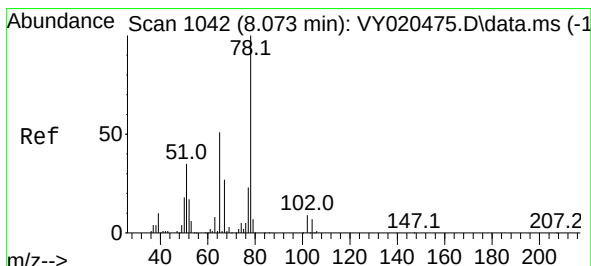
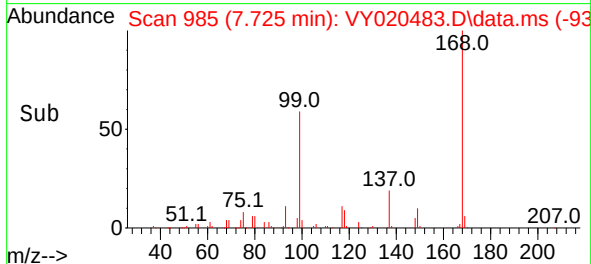
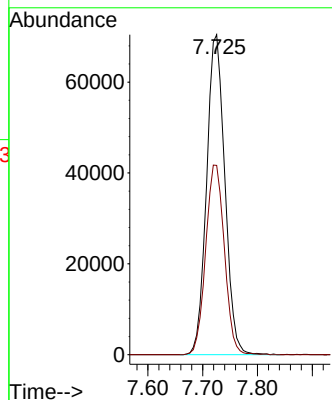
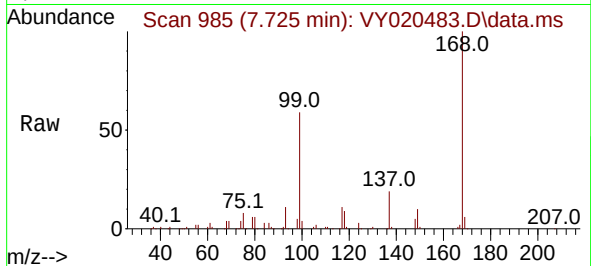




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020483.D
Acq: 02 Dec 2024 14:24

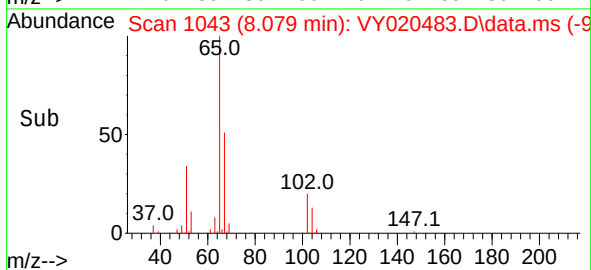
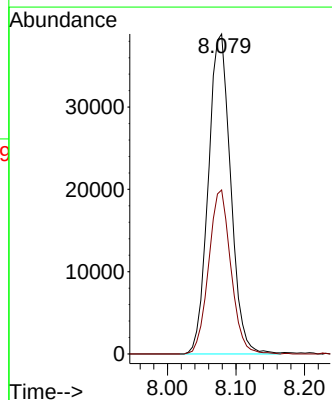
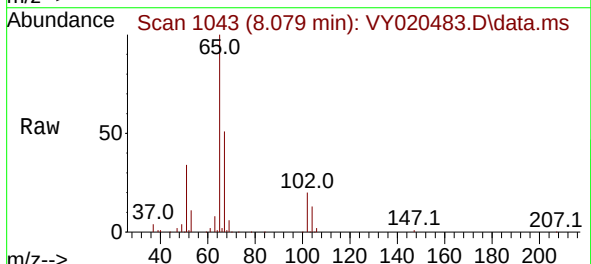
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-11262024

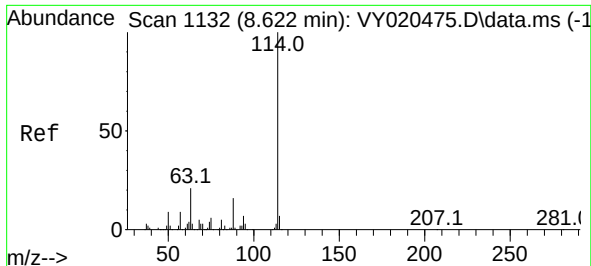
Tgt Ion:168 Resp: 162317
Ion Ratio Lower Upper
168 100
99 59.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 53.334 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.018 min
Lab File: VY020483.D
Acq: 02 Dec 2024 14:24

Tgt Ion: 65 Resp: 88044
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.012 min

Lab File: VY020483.D

Acq: 02 Dec 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-11262024

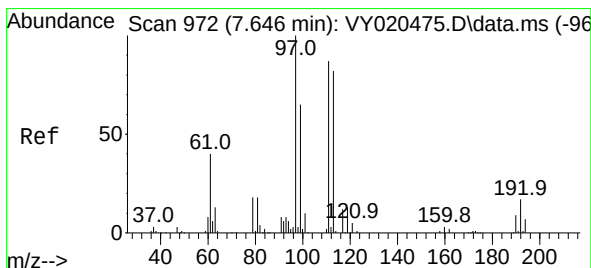
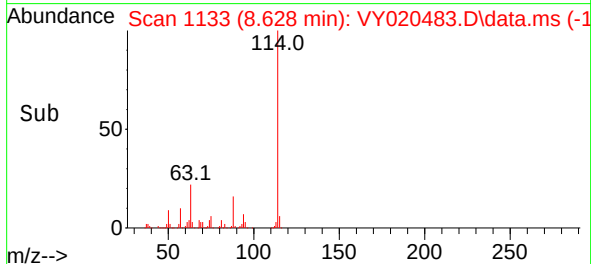
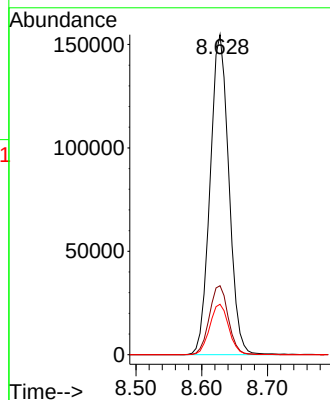
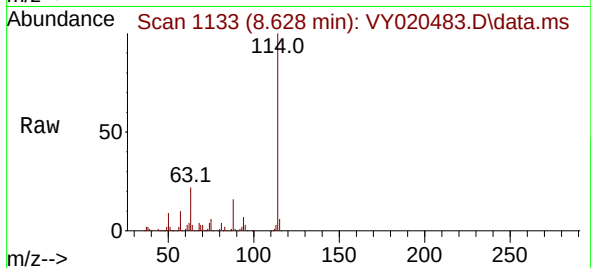
Tgt Ion:114 Resp: 306523

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.8

88 15.8 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.984 ug/l

RT: 7.652 min Scan# 973

Delta R.T. 0.018 min

Lab File: VY020483.D

Acq: 02 Dec 2024 14:24

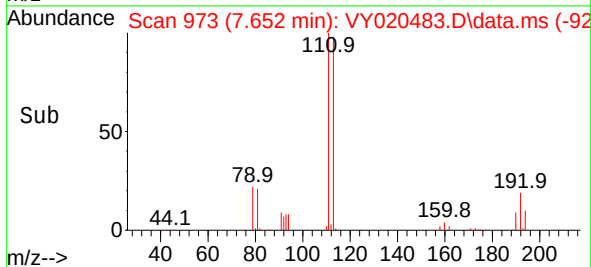
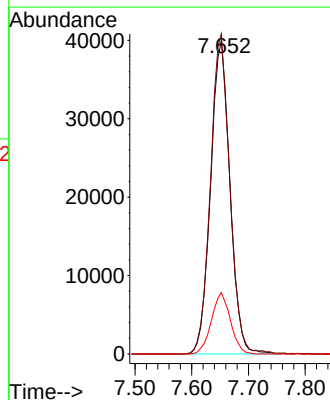
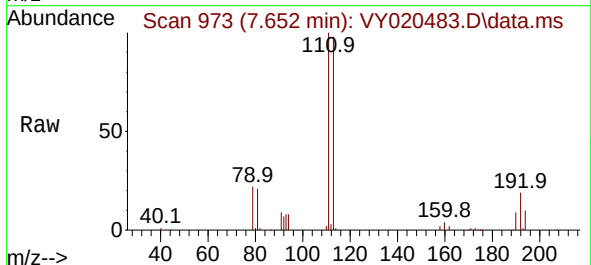
Tgt Ion:113 Resp: 94524

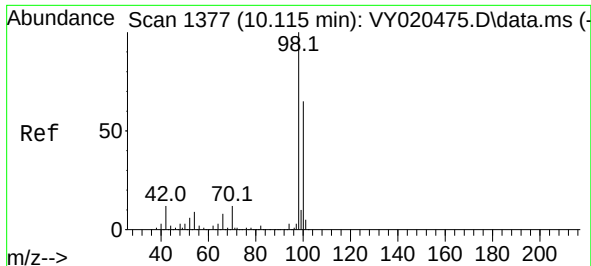
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 19.3 15.1 22.7





#50

Toluene-d8

Concen: 50.294 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020483.D

Acq: 02 Dec 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

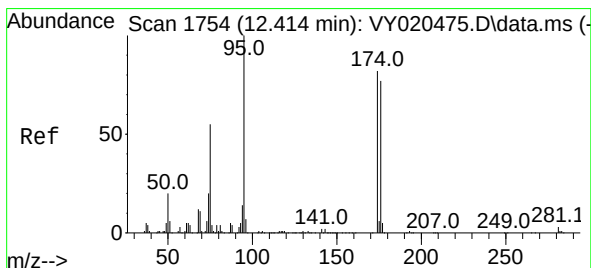
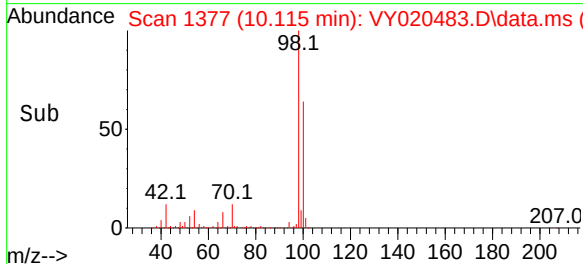
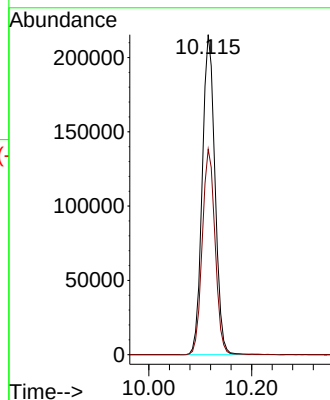
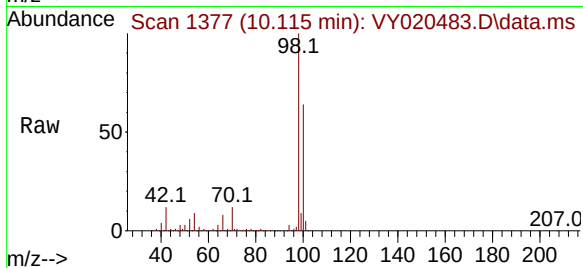
EO-02-11262024

Tgt Ion: 98 Resp: 369563

Ion Ratio Lower Upper

98 100

100 64.6 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 42.575 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.012 min

Lab File: VY020483.D

Acq: 02 Dec 2024 14:24

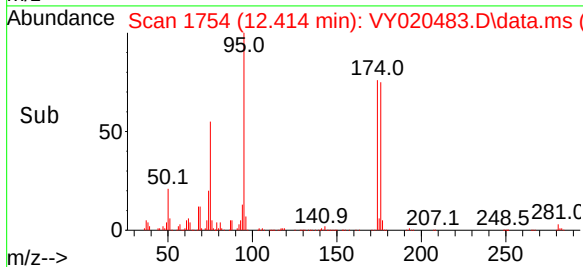
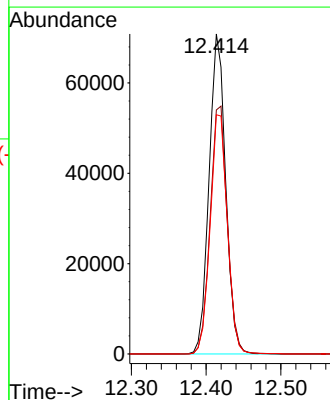
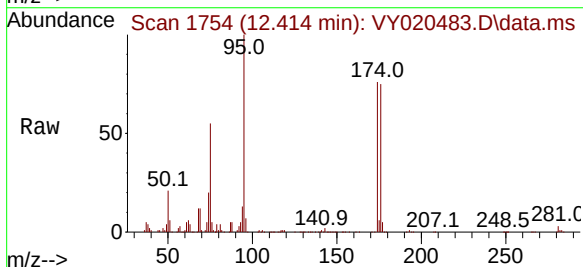
Tgt Ion: 95 Resp: 109415

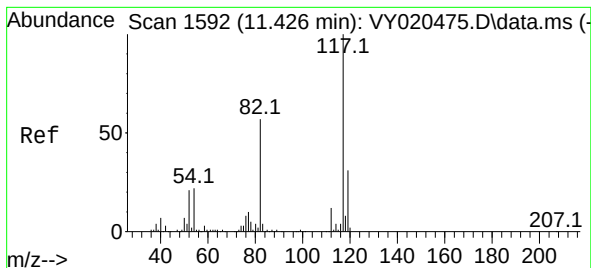
Ion Ratio Lower Upper

95 100

174 79.4 0.0 156.8

176 77.3 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY020483.D

Acq: 02 Dec 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-11262024

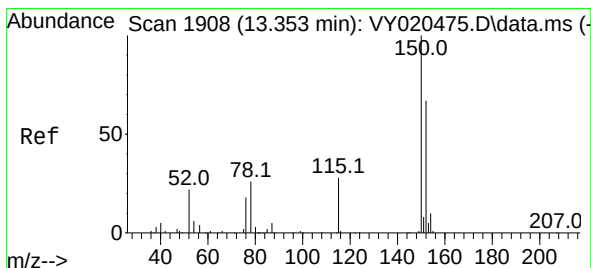
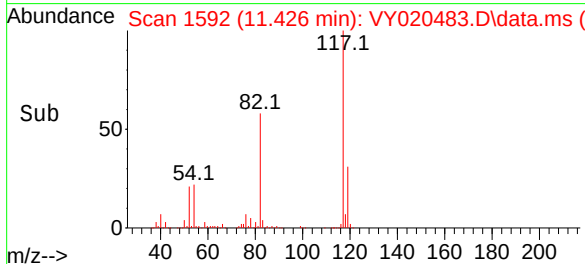
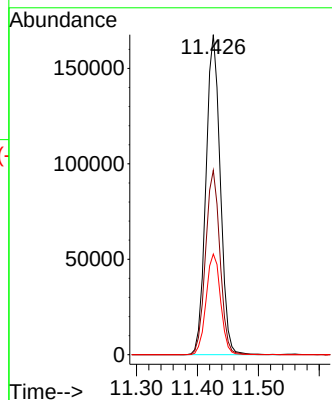
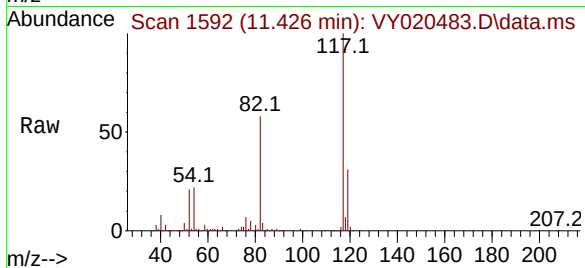
Tgt Ion:117 Resp: 273928

Ion Ratio Lower Upper

117 100

82 57.6 48.2 72.4

119 31.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.012 min

Lab File: VY020483.D

Acq: 02 Dec 2024 14:24

Tgt Ion:152 Resp: 92336

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 154.5 0.0 348.2

