

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
 Data File : VY020460.D
 Acq On : 27 Nov 2024 12:57
 Operator : SY/MD
 Sample : P5019-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-11262024

Quant Time: Nov 28 00:59:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	492	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.616	114	1034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	461	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.340	152	75	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	485	85.803	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.600%#
35) Dibromofluoromethane	7.640	113	292	44.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.080%
50) Toluene-d8	10.109	98	977	37.407	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.820%
62) 4-Bromofluorobenzene	12.408	95	79	9.409	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	18.820%#

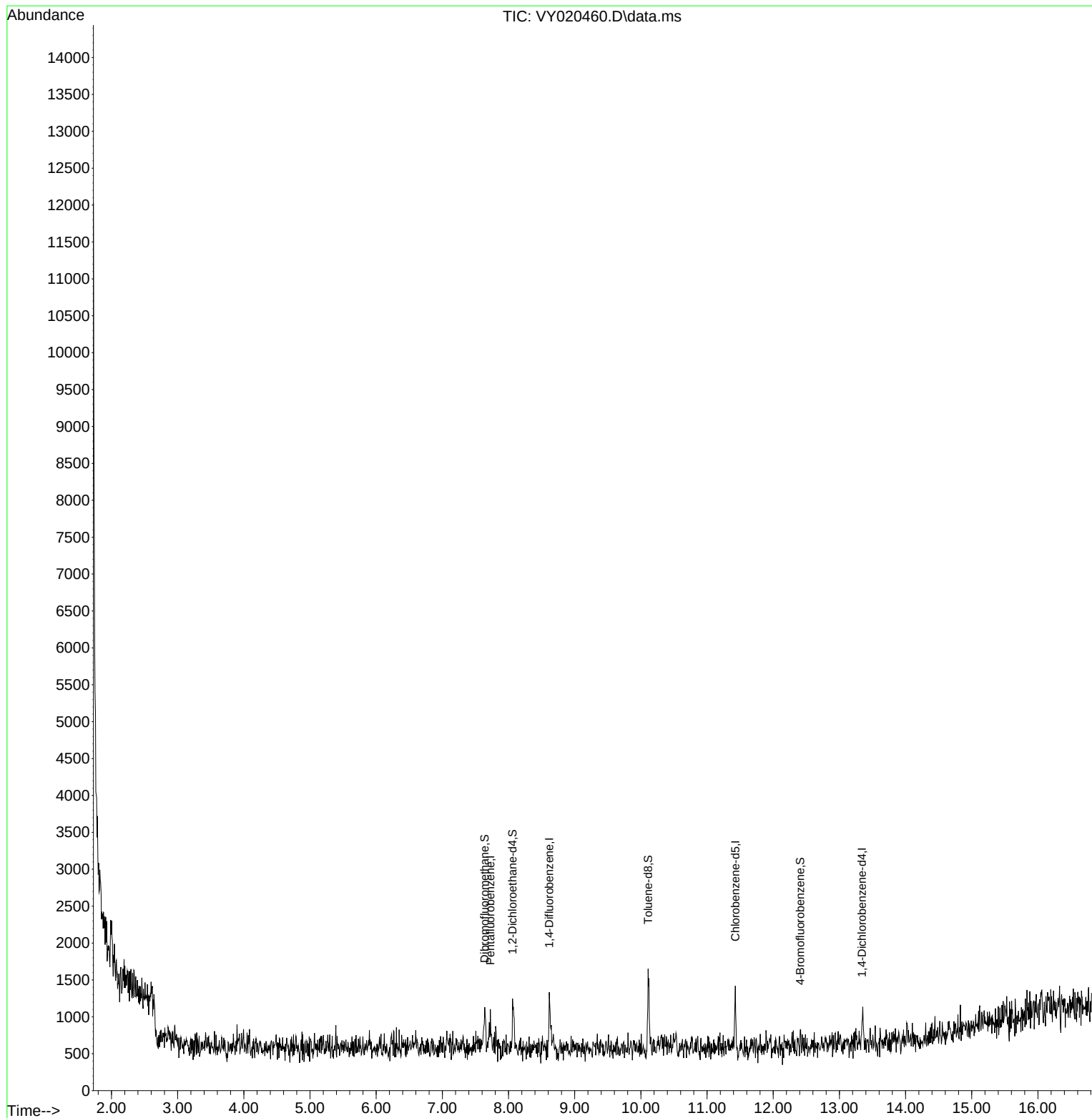
Target Compounds Qvalue

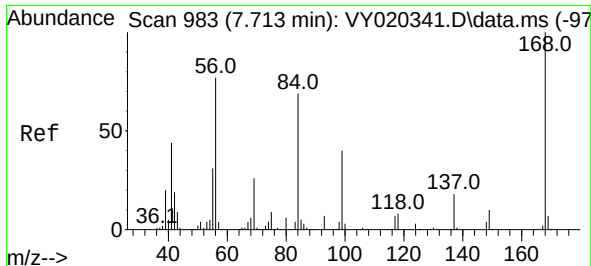
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY112724\
Data File : VY020460.D
Acq On : 27 Nov 2024 12:57
Operator : SY/MD
Sample : P5019-01
Misc : 5.05g/5.0mL/MSV0A_Y/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :
EO-02-11262024

Quant Time: Nov 28 00:59:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y111924S.M
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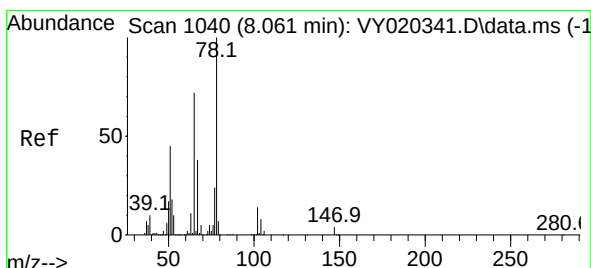
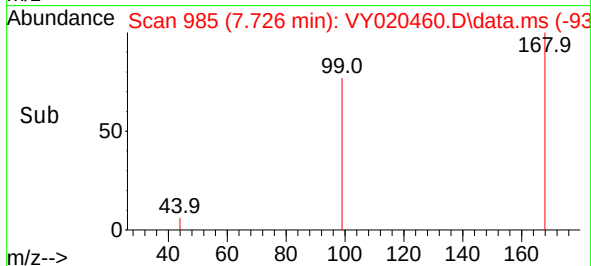
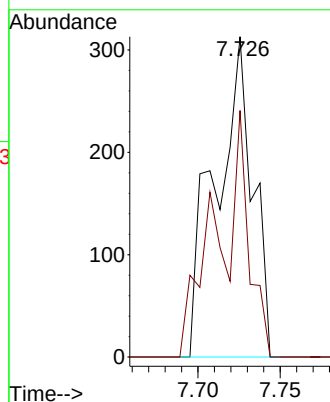
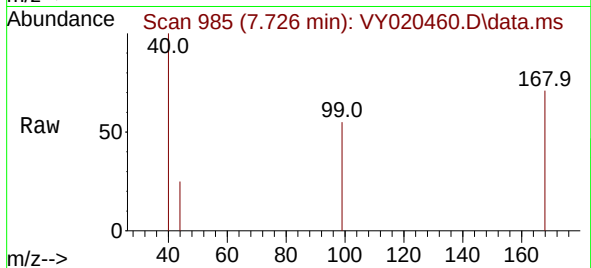




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 985
Delta R.T. 0.013 min
Lab File: VY020460.D
Acq: 27 Nov 2024 12:57

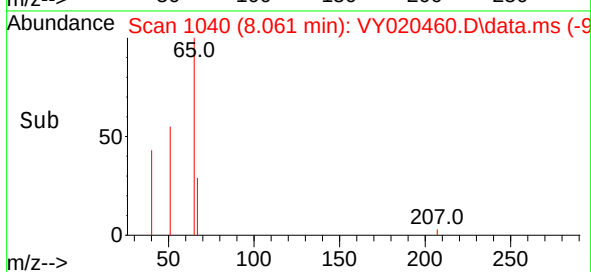
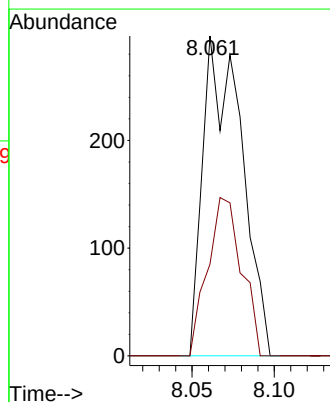
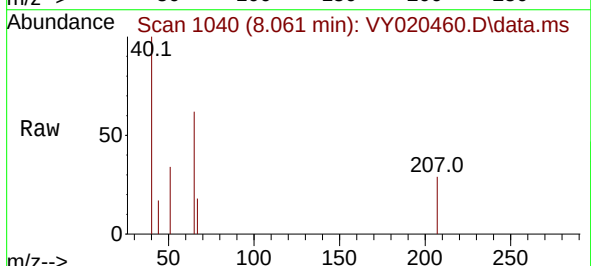
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-11262024

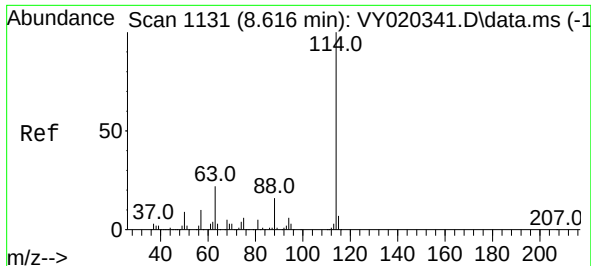
Tgt Ion:168 Resp: 492
Ion Ratio Lower Upper
168 100
99 77.0 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 85.803 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020460.D
Acq: 27 Nov 2024 12:57

Tgt Ion: 65 Resp: 485
Ion Ratio Lower Upper
65 100
67 43.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020460.D

Acq: 27 Nov 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-11262024

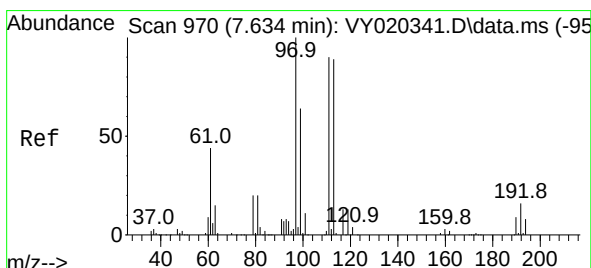
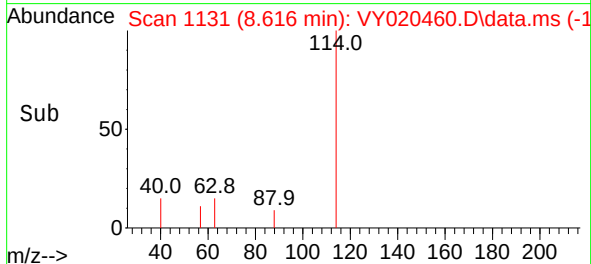
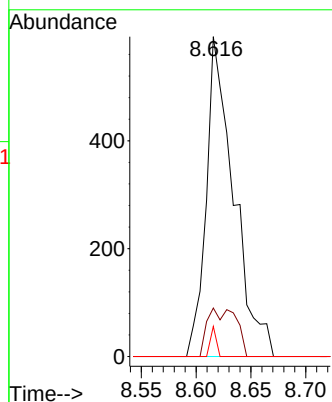
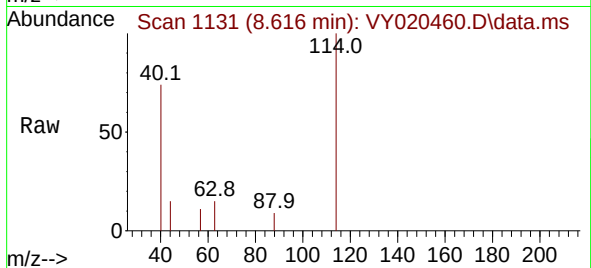
Tgt Ion:114 Resp: 1034

Ion Ratio Lower Upper

114 100

63 15.2 0.0 44.8

88 9.4 0.0 32.0



#35

Dibromofluoromethane

Concen: 44.040 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020460.D

Acq: 27 Nov 2024 12:57

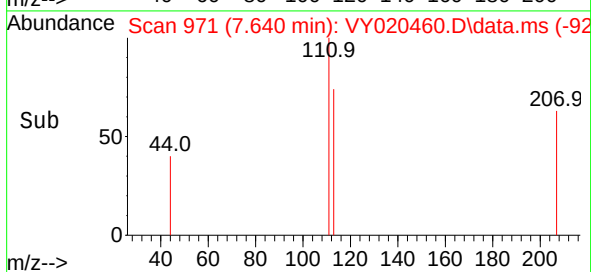
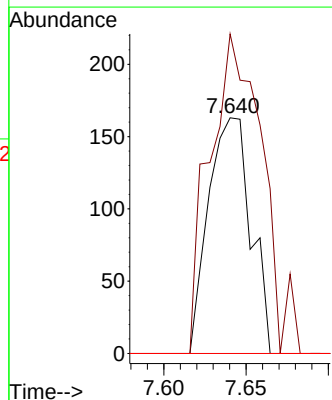
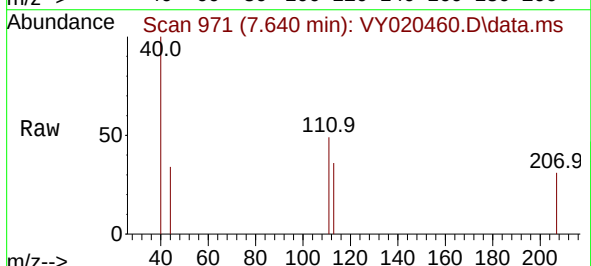
Tgt Ion:113 Resp: 292

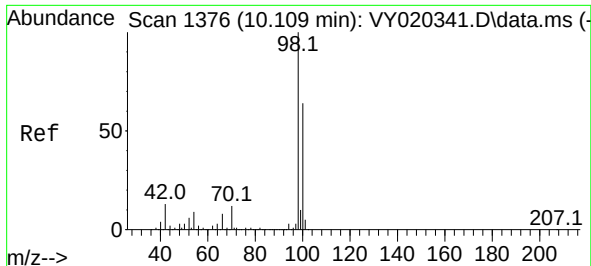
Ion Ratio Lower Upper

113 100

111 168.5 81.4 122.0#

192 0.0 15.1 22.7#





#50

Toluene-d8

Concen: 37.407 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020460.D

Acq: 27 Nov 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

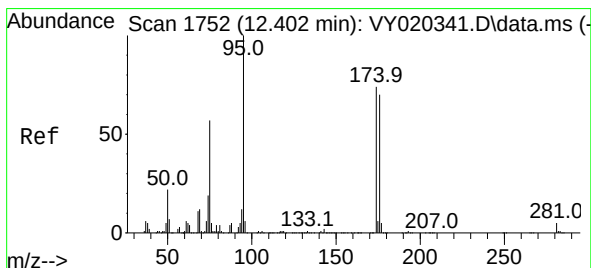
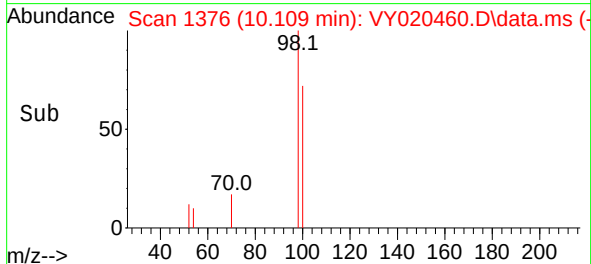
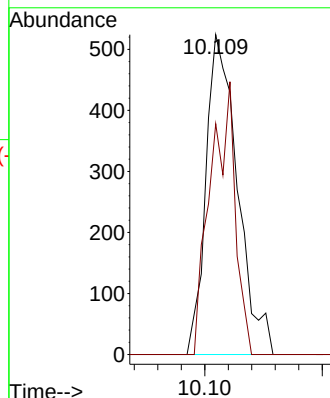
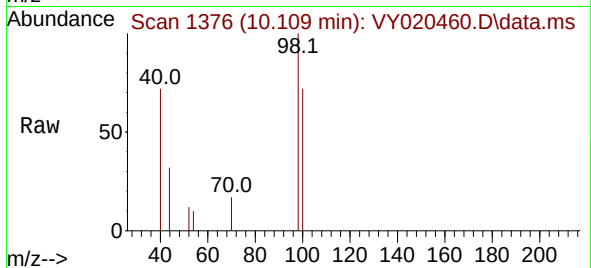
EO-02-11262024

Tgt Ion: 98 Resp: 977

Ion Ratio Lower Upper

98 100

100 66.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 9.409 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020460.D

Acq: 27 Nov 2024 12:57

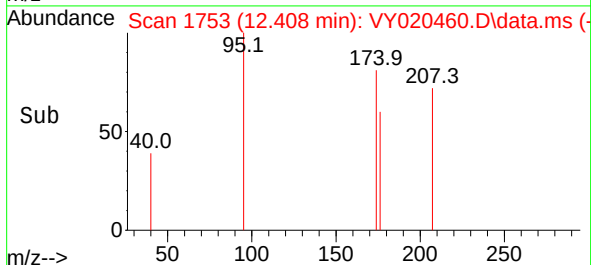
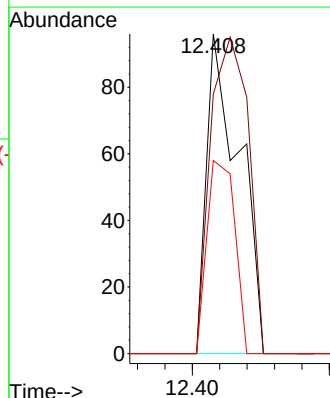
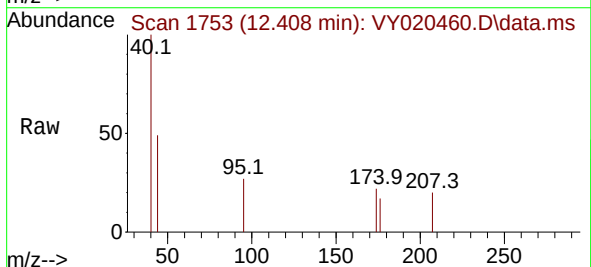
Tgt Ion: 95 Resp: 79

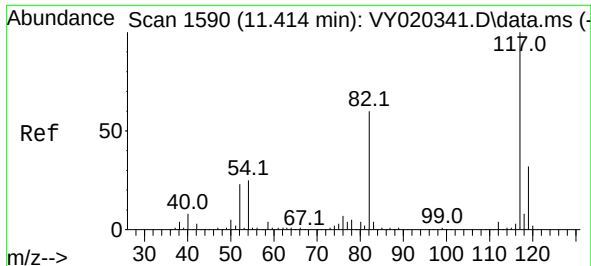
Ion Ratio Lower Upper

95 100

174 115.2 0.0 156.8

176 51.9 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: VY020460.D

Acq: 27 Nov 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-11262024

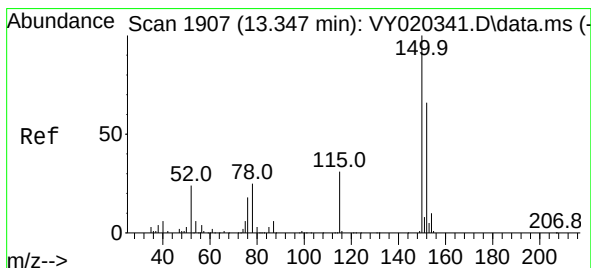
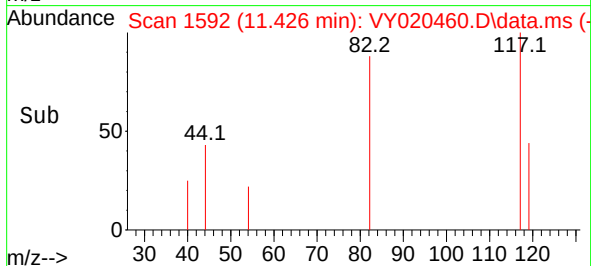
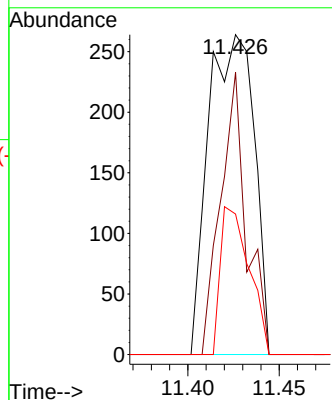
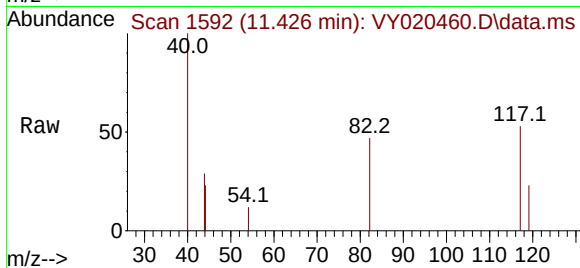
Tgt Ion:117 Resp: 461

Ion Ratio Lower Upper

117 100

82 88.3 48.2 72.4#

119 43.9 25.8 38.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY020460.D

Acq: 27 Nov 2024 12:57

Tgt Ion:152 Resp: 75

Ion Ratio Lower Upper

152 100

115 82.7 30.0 90.0

150 378.7 0.0 348.2#

