

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017495.D
 Acq On : 27 Feb 2024 14:42
 Operator : SY/MD
 Sample : P1602-07
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3

Quant Time: Feb 28 00:16:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	107265	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	191232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53282	52.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.820%
35) Dibromofluoromethane	7.710	113	61610	46.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.460%
50) Toluene-d8	10.179	98	215877	46.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.660%
62) 4-Bromofluorobenzene	12.483	95	57970	39.590	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.180%

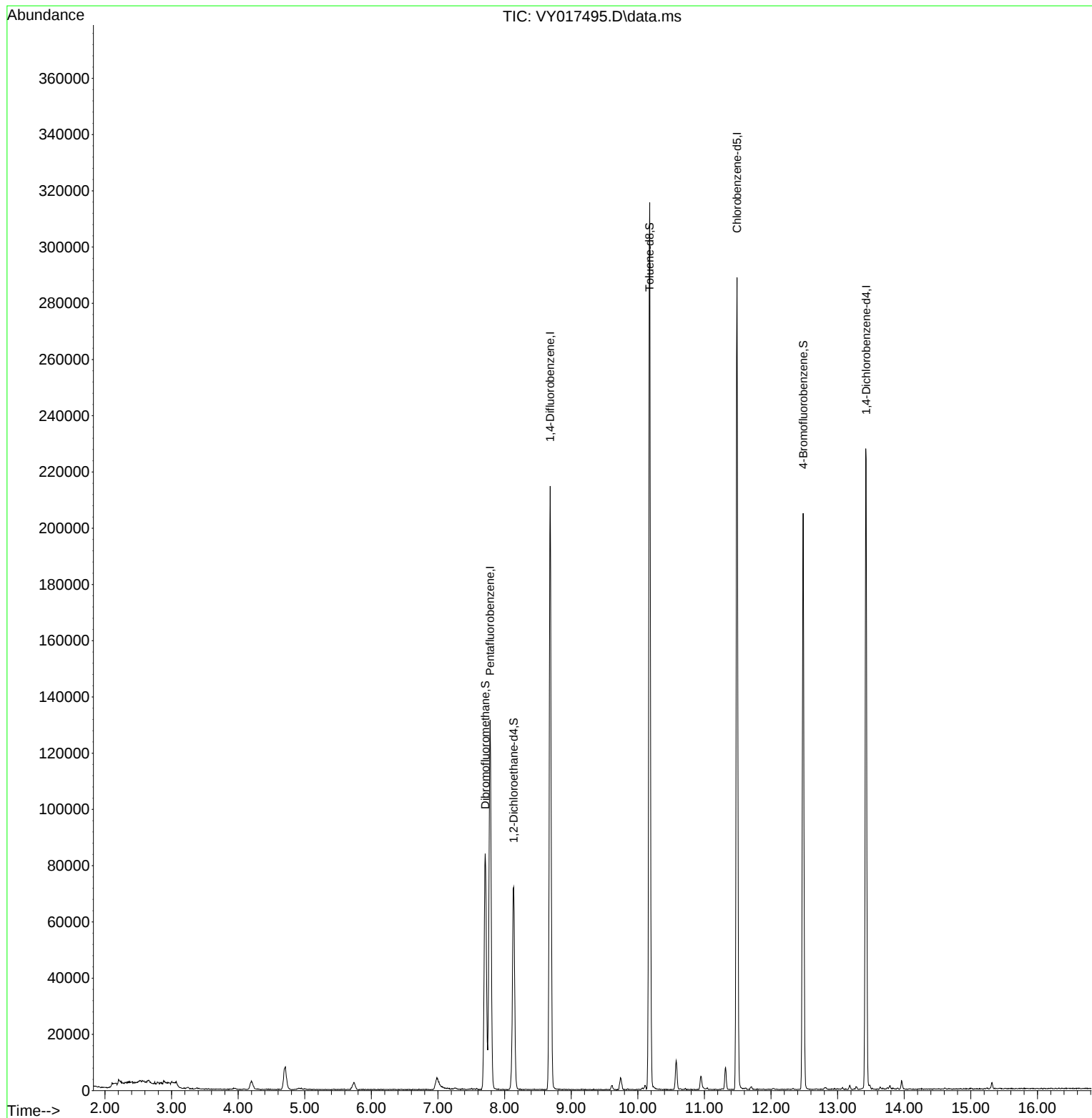
Target Compounds	Qvalue

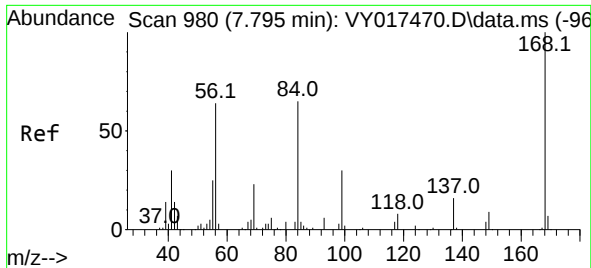
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
Data File : VY017495.D
Acq On : 27 Feb 2024 14:42
Operator : SY/MD
Sample : P1602-07
Misc : 4.45g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-3

Quant Time: Feb 28 00:16:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

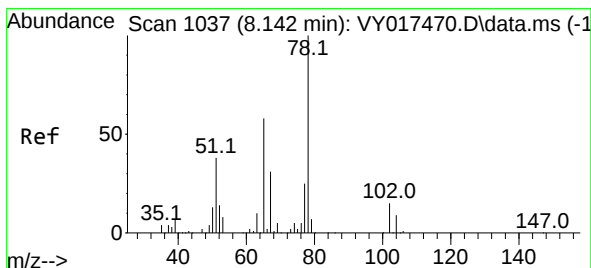
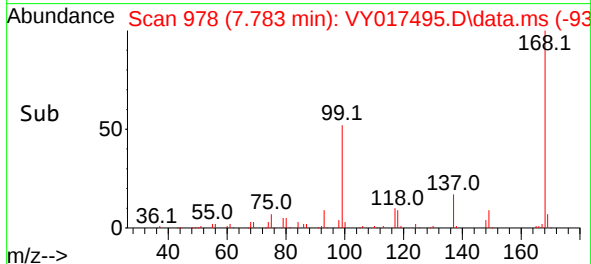
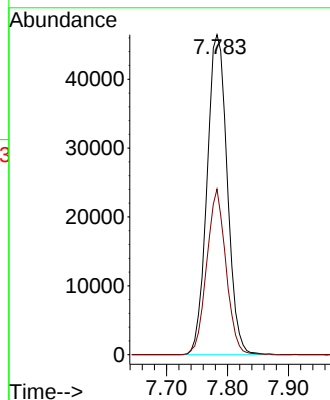
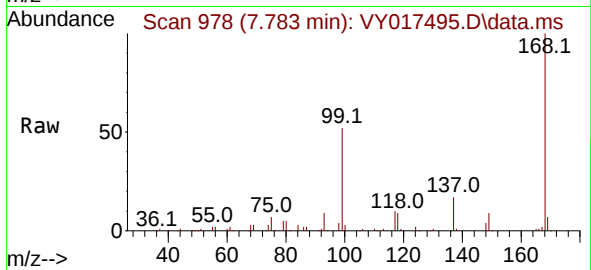




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

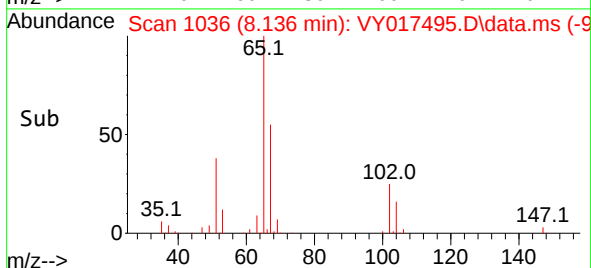
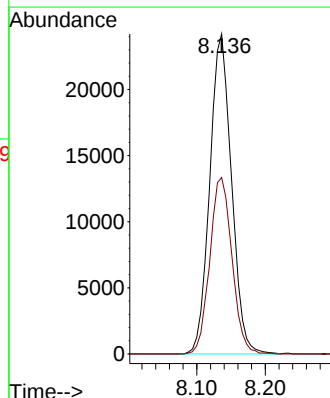
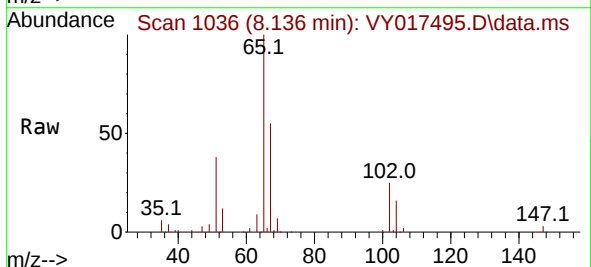
Instrument :
MSVOA_Y
ClientSampleId :
WC-3

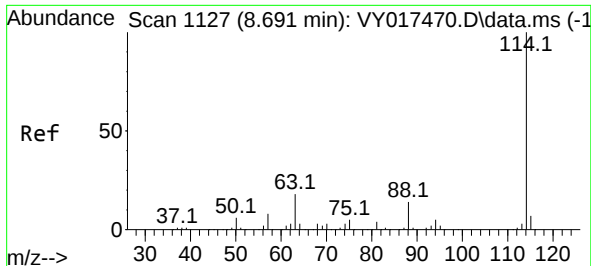
Tgt Ion:168 Resp: 107265
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.413 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017495.D
Acq: 27 Feb 2024 14:42

Tgt Ion: 65 Resp: 53282
Ion Ratio Lower Upper
65 100
67 56.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017495.D

Acq: 27 Feb 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

WC-3

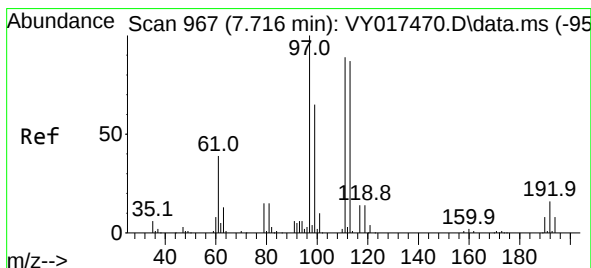
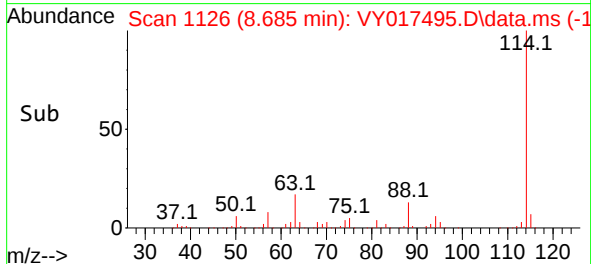
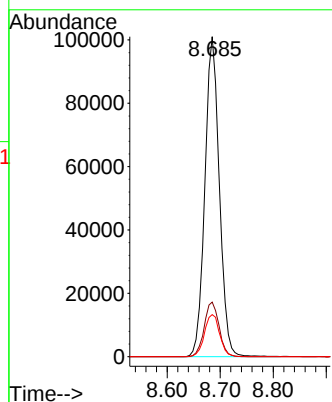
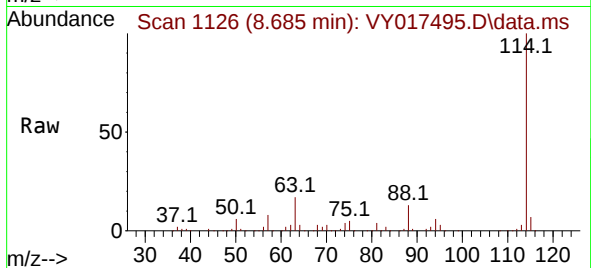
Tgt Ion:114 Resp: 191232

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.234 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017495.D

Acq: 27 Feb 2024 14:42

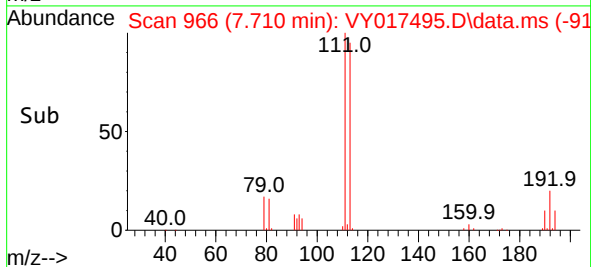
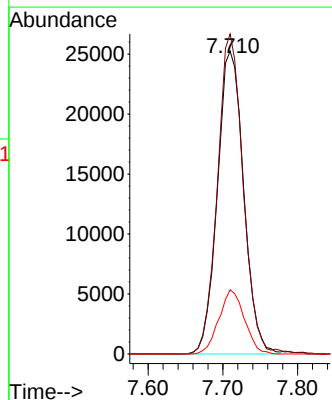
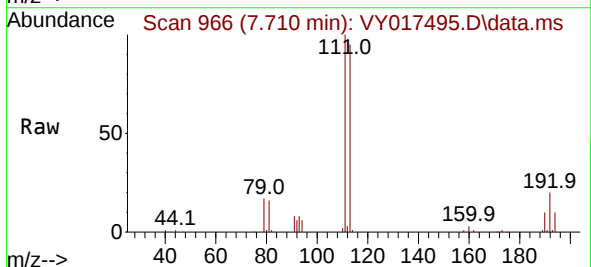
Tgt Ion:113 Resp: 61610

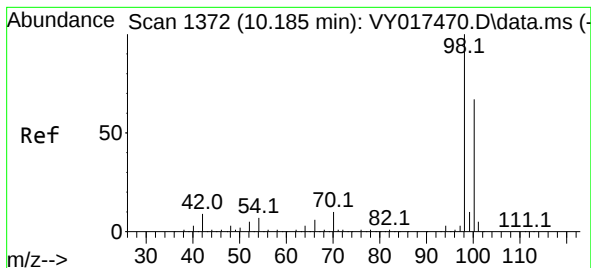
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 20.5 15.9 23.9





#50

Toluene-d8

Concen: 46.334 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017495.D

Acq: 27 Feb 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

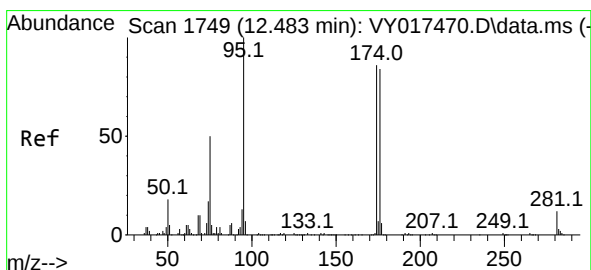
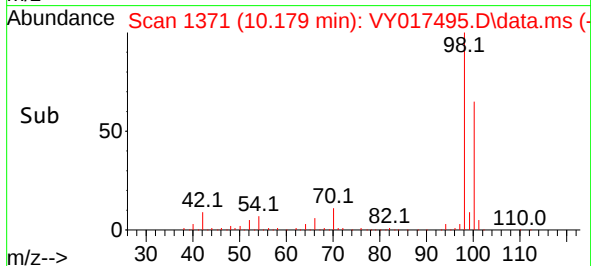
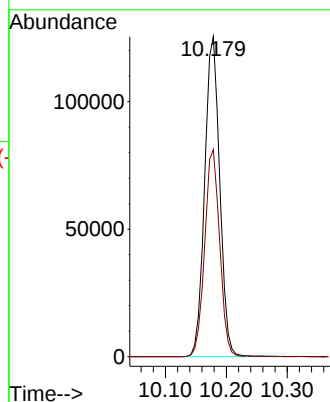
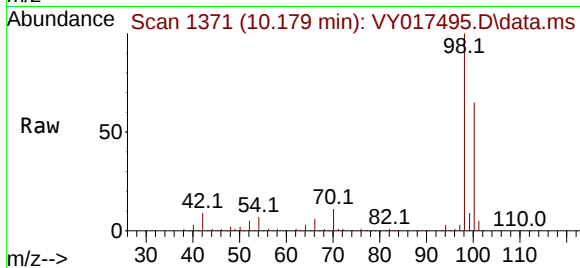
WC-3

Tgt Ion: 98 Resp: 215877

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.590 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017495.D

Acq: 27 Feb 2024 14:42

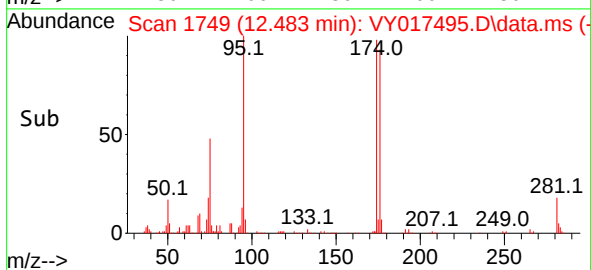
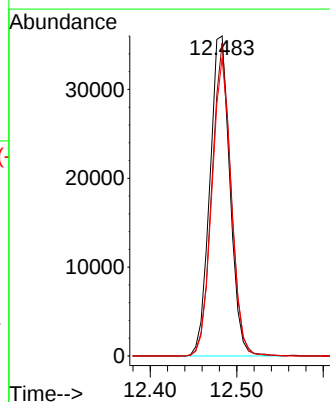
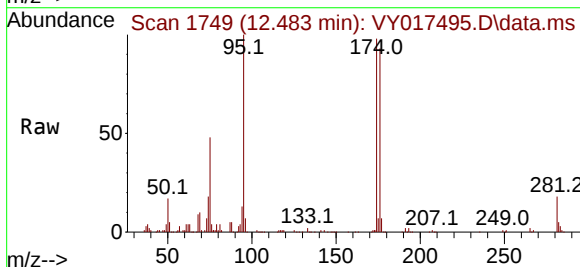
Tgt Ion: 95 Resp: 57970

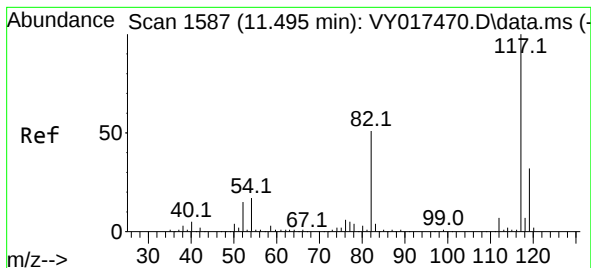
Ion Ratio Lower Upper

95 100

174 93.2 0.0 175.6

176 89.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017495.D

Acq: 27 Feb 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

WC-3

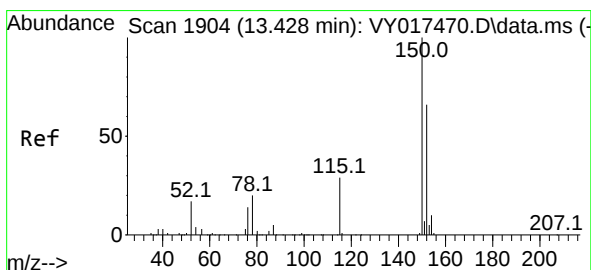
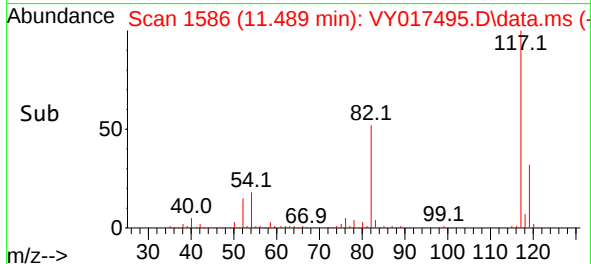
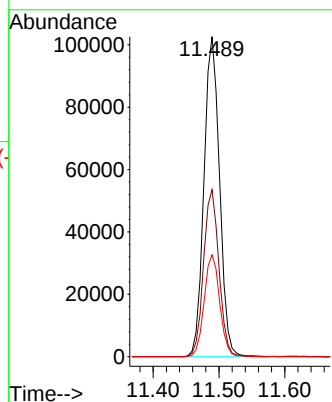
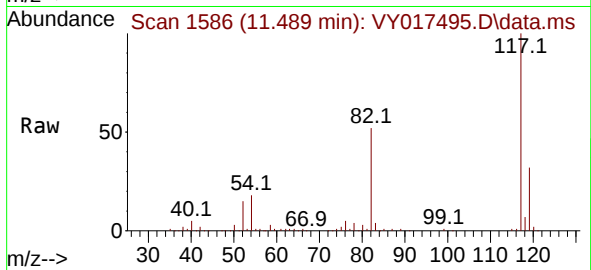
Tgt Ion:117 Resp: 169263

Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017495.D

Acq: 27 Feb 2024 14:42

Tgt Ion:152 Resp: 63817

Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 156.4 0.0 345.6

