

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018032.D
 Acq On : 24 Apr 2024 12:03
 Operator : SY/MD
 Sample : P2244-02RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Apr 25 01:33:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	36555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	51292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	38995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	13279	41.977	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.960%
35) Dibromofluoromethane	7.710	113	17659	55.805	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.620%
50) Toluene-d8	10.179	98	54531	45.415	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.820%
62) 4-Bromofluorobenzene	12.483	95	11073	29.776	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.560%

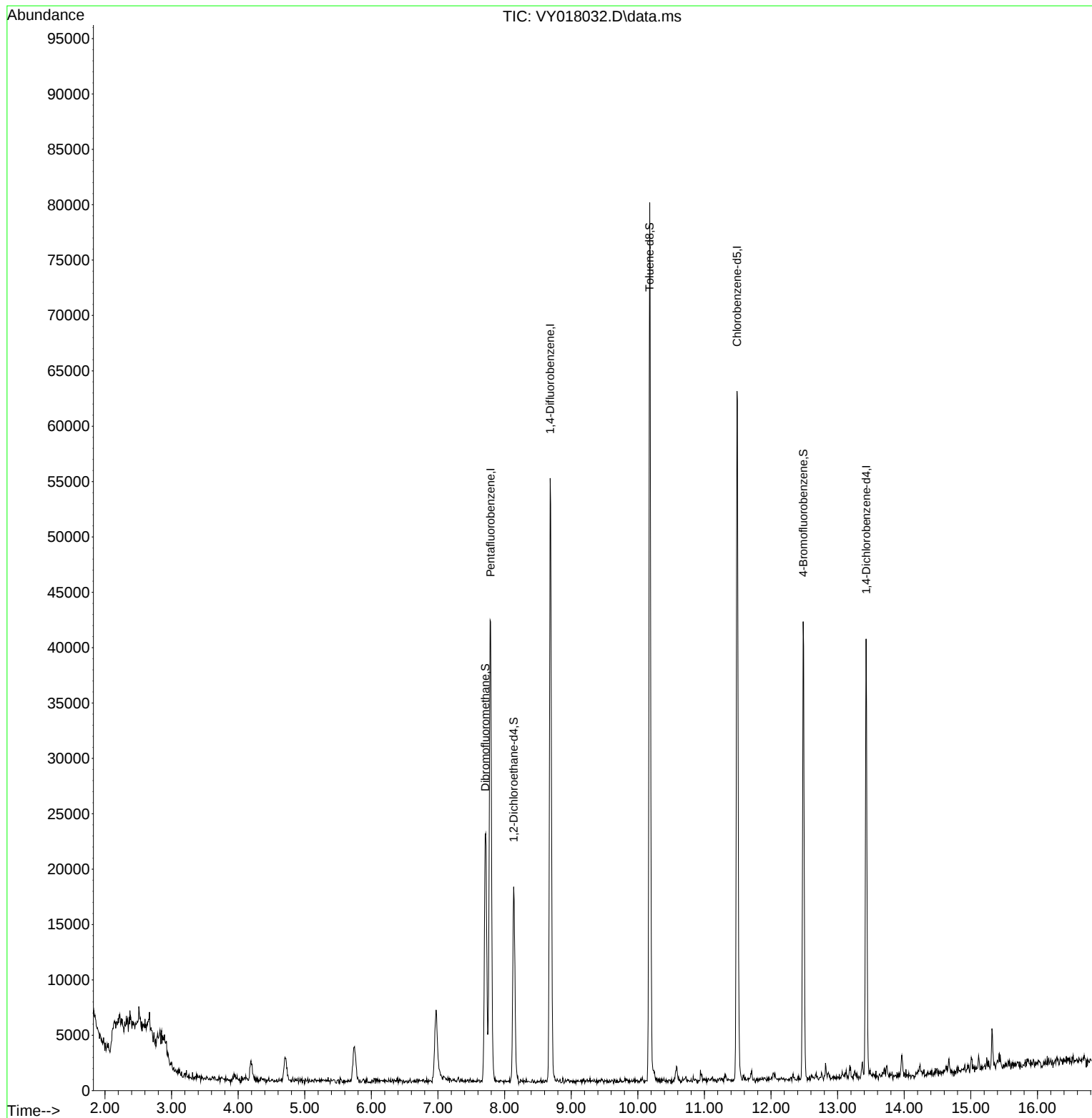
Target Compounds	Qvalue

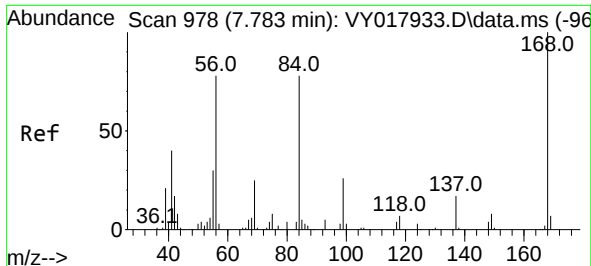
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
Data File : VY018032.D
Acq On : 24 Apr 2024 12:03
Operator : SY/MD
Sample : P2244-02RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Apr 25 01:33:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration

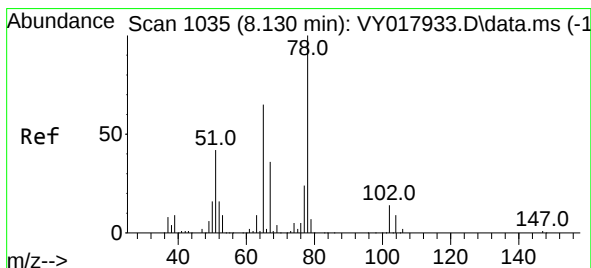
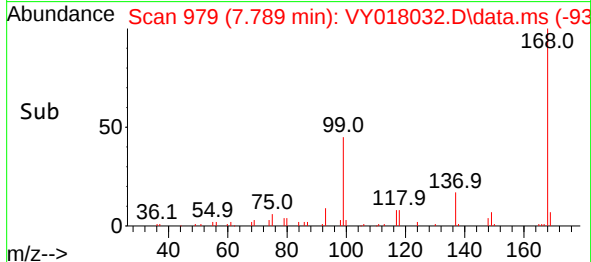
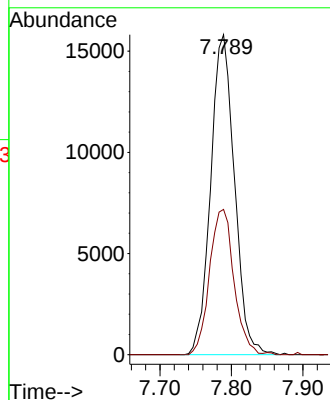
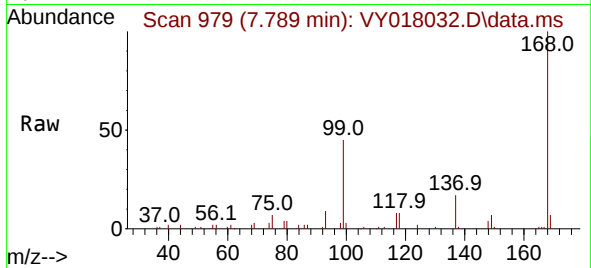




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018032.D
Acq: 24 Apr 2024 12:03

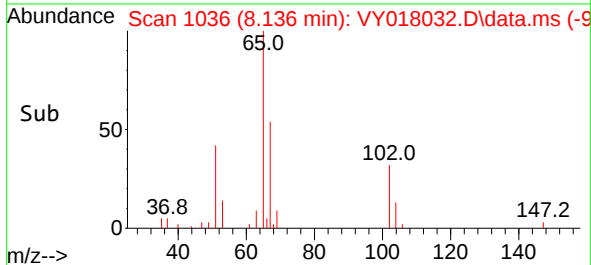
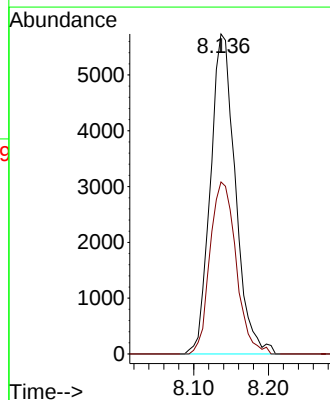
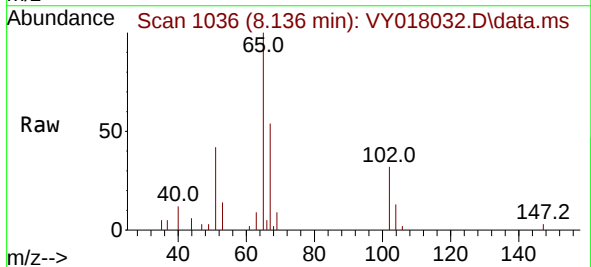
Instrument :
MSVOA_Y
ClientSampleId :
VOC

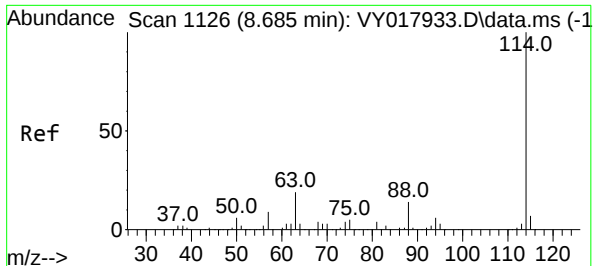
Tgt Ion:168 Resp: 36555
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 41.977 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018032.D
Acq: 24 Apr 2024 12:03

Tgt Ion: 65 Resp: 13279
Ion Ratio Lower Upper
65 100
67 56.3 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: VY018032.D

Acq: 24 Apr 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VOC

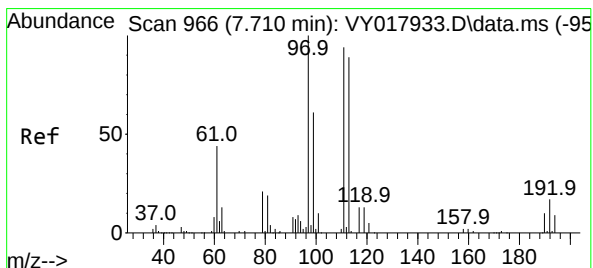
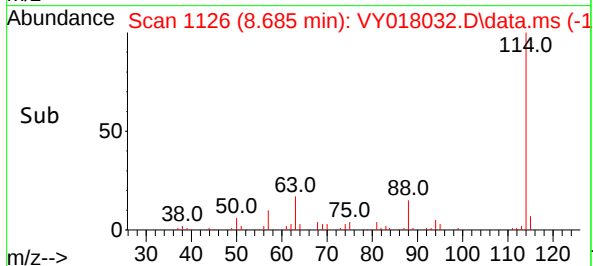
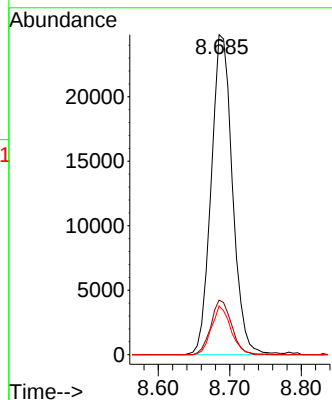
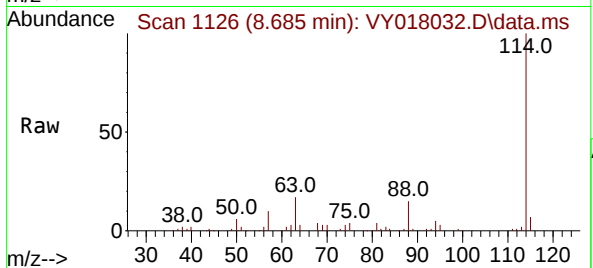
Tgt Ion:114 Resp: 51292

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.805 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018032.D

Acq: 24 Apr 2024 12:03

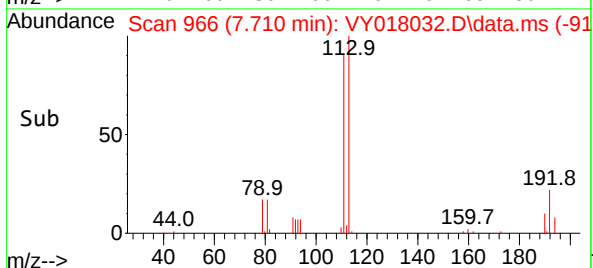
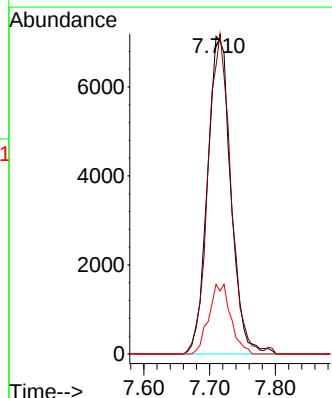
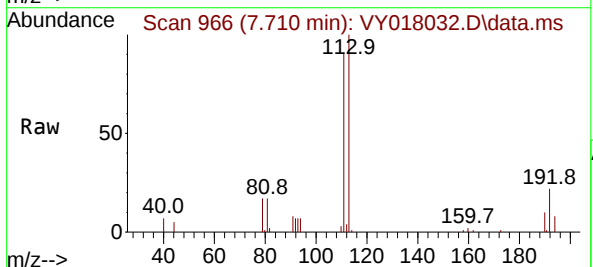
Tgt Ion:113 Resp: 17659

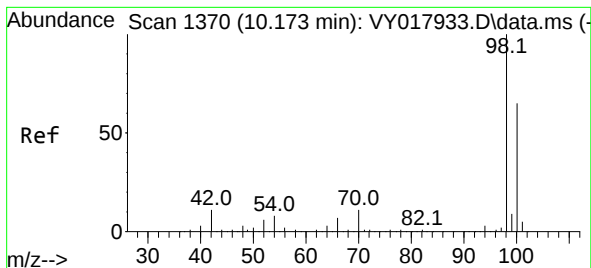
Ion Ratio Lower Upper

113 100

111 98.1 82.2 123.4

192 20.6 15.9 23.9





#50

Toluene-d8

Concen: 45.415 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018032.D

Acq: 24 Apr 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

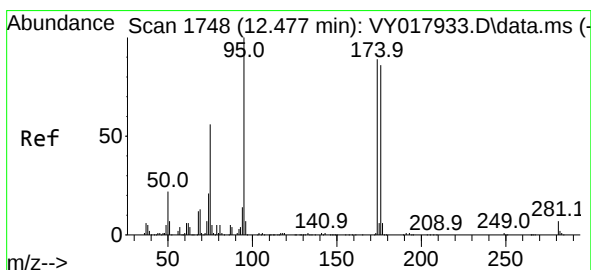
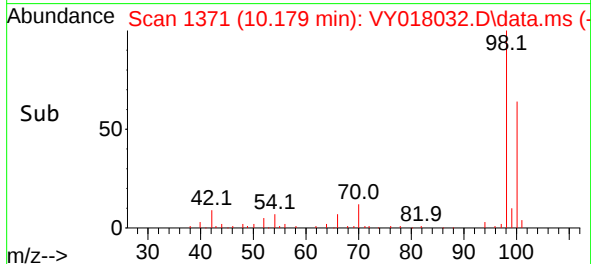
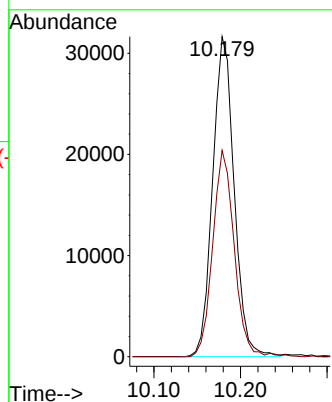
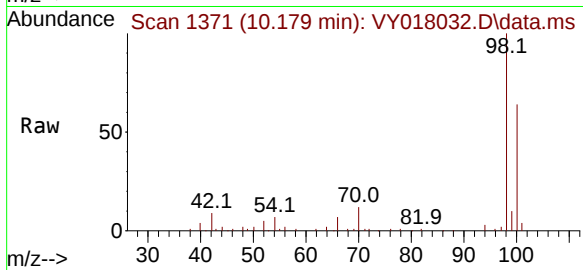
VOC

Tgt Ion: 98 Resp: 54531

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 29.776 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018032.D

Acq: 24 Apr 2024 12:03

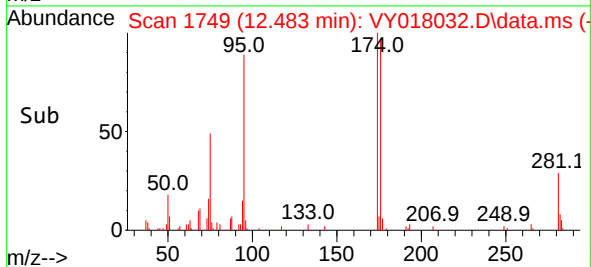
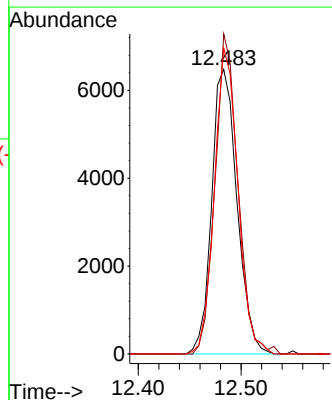
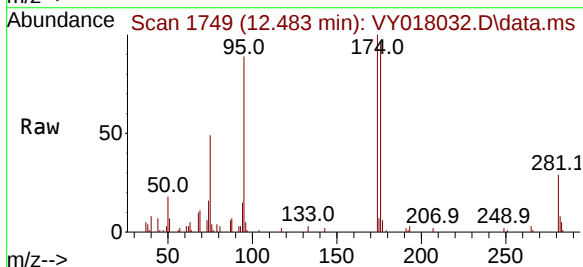
Tgt Ion: 95 Resp: 11073

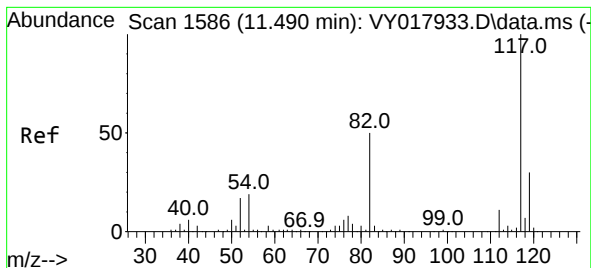
Ion Ratio Lower Upper

95 100

174 102.0 0.0 175.6

176 99.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018032.D

Acq: 24 Apr 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VOC

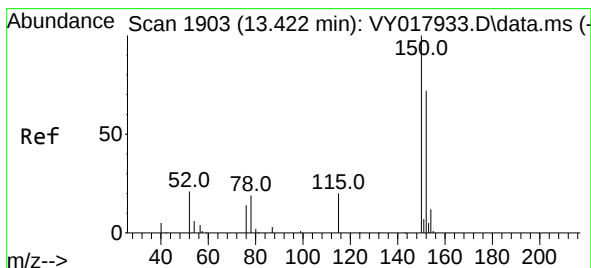
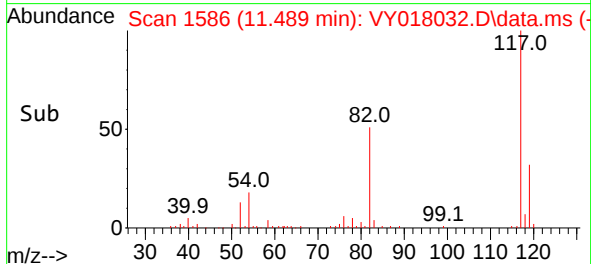
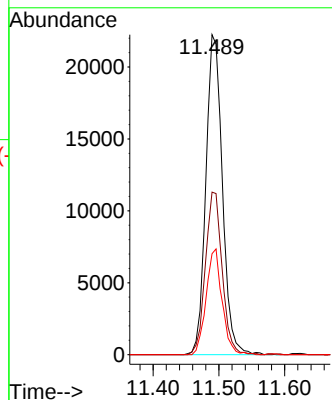
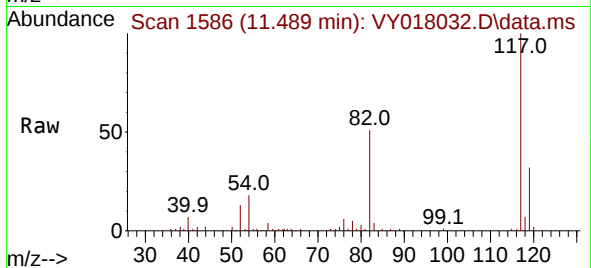
Tgt Ion:117 Resp: 38995

Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 31.5 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: VY018032.D

Acq: 24 Apr 2024 12:03

Tgt Ion:152 Resp: 11060

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 159.2 0.0 345.6

