

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018515.D
 Acq On : 06 Jun 2024 19:19
 Operator : SY/MD
 Sample : P2707-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-01

Quant Time: Jun 07 02:31:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.771	168	5310	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	9212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6160	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	4234	40.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.200%
35) Dibromofluoromethane	7.716	113	3938	33.712	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.420%
50) Toluene-d8	10.173	98	14219	30.597	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	61.200%
62) 4-Bromofluorobenzene	12.483	95	3167	21.888	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.780%

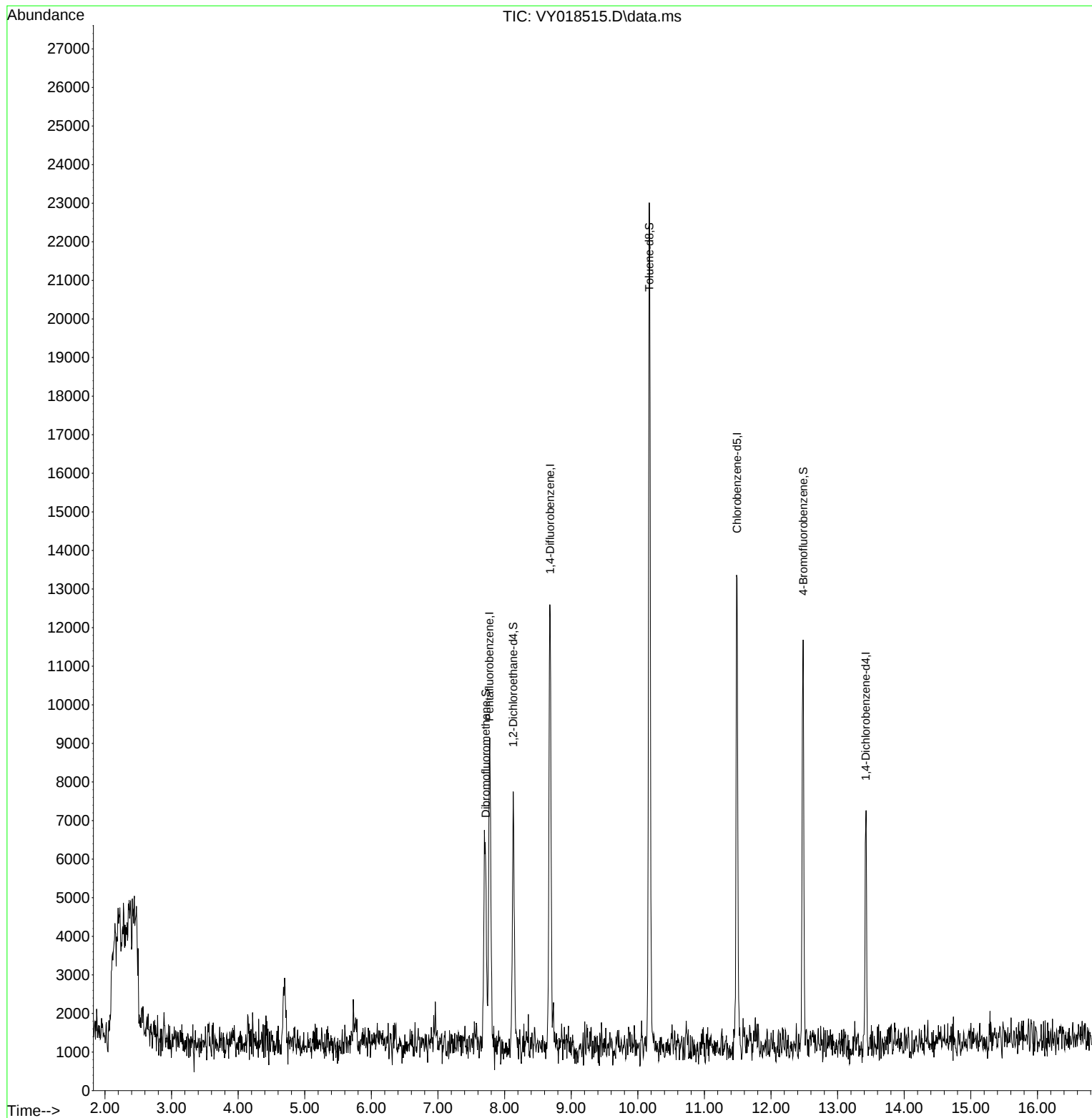
Target Compounds	Qvalue

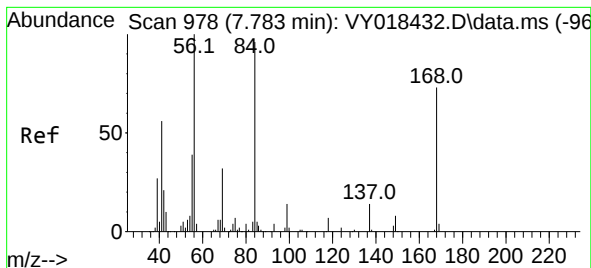
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
Data File : VY018515.D
Acq On : 06 Jun 2024 19:19
Operator : SY/MD
Sample : P2707-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-01

Quant Time: Jun 07 02:31:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.771 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY018515.D

Acq: 06 Jun 2024 19:19

Instrument :

MSVOA_Y

ClientSampleId :

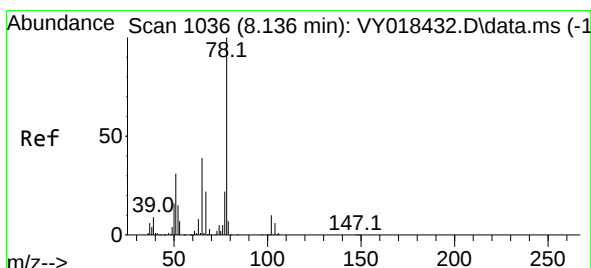
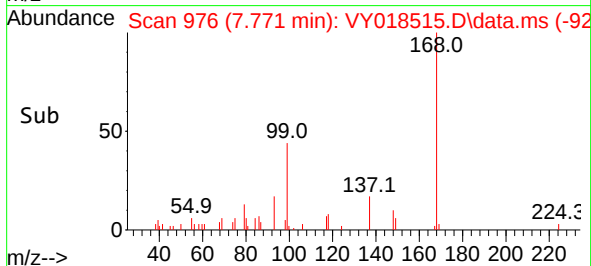
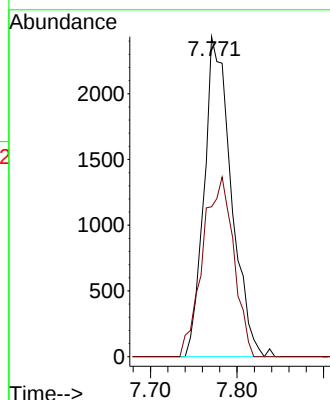
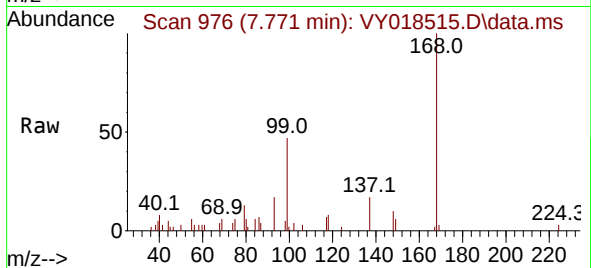
B-01

Tgt Ion:168 Resp: 5310

Ion Ratio Lower Upper

168 100

99 46.8 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 40.602 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018515.D

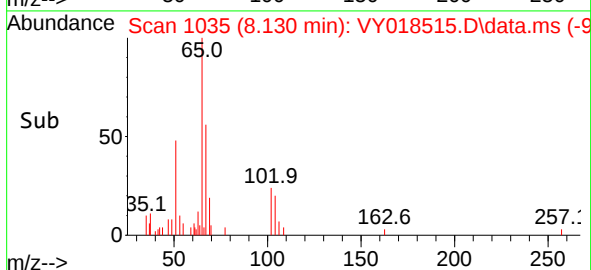
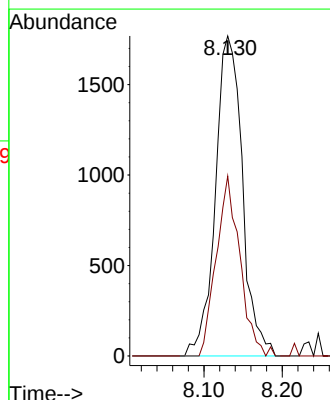
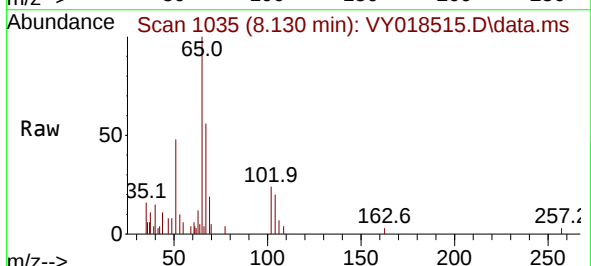
Acq: 06 Jun 2024 19:19

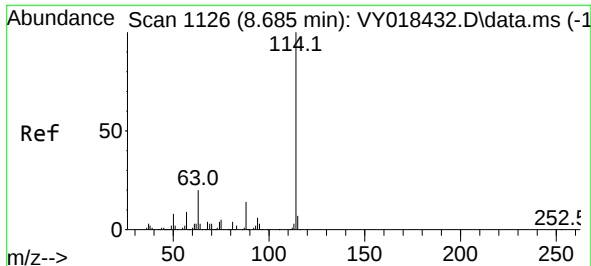
Tgt Ion: 65 Resp: 4234

Ion Ratio Lower Upper

65 100

67 49.3 0.0 109.6

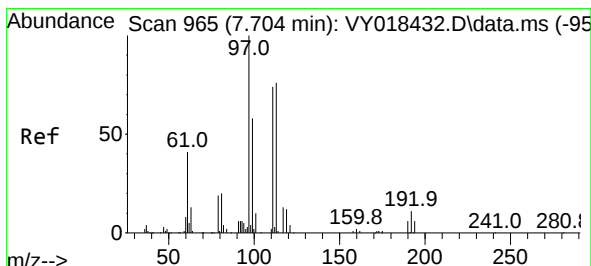
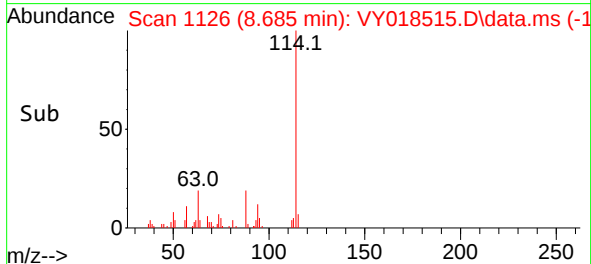
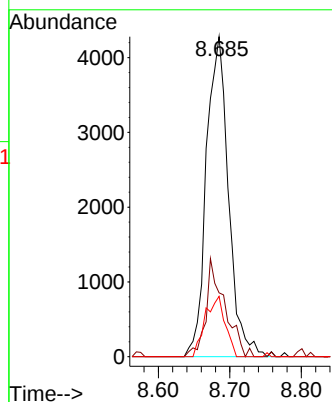
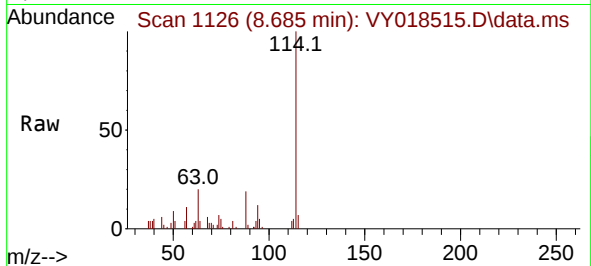




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018515.D
Acq: 06 Jun 2024 19:19

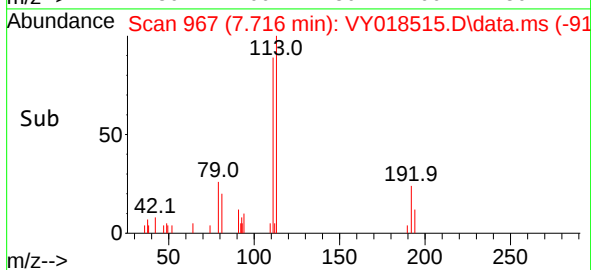
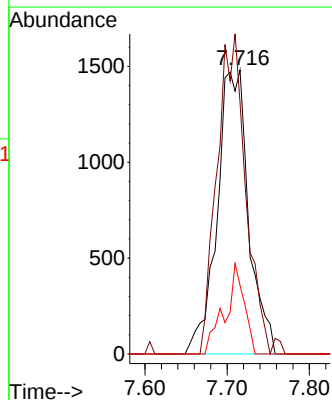
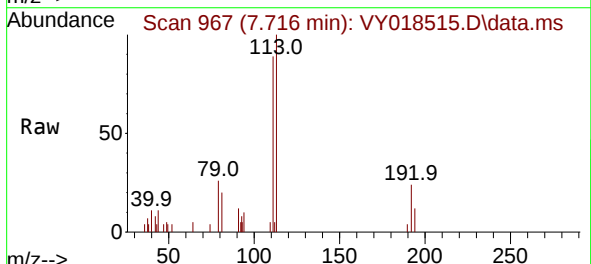
Instrument :
MSVOA_Y
ClientSampleId :
B-01

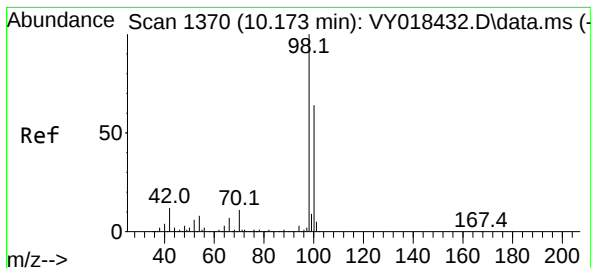
Tgt Ion:	114	Resp:	9212
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	35.0
88	18.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 33.712 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY018515.D
Acq: 06 Jun 2024 19:19

Tgt Ion:	113	Resp:	3938
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	19.4	15.9	23.9





#50

Toluene-d8

Concen: 30.597 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018515.D

Acq: 06 Jun 2024 19:19

Instrument :

MSVOA_Y

ClientSampleId :

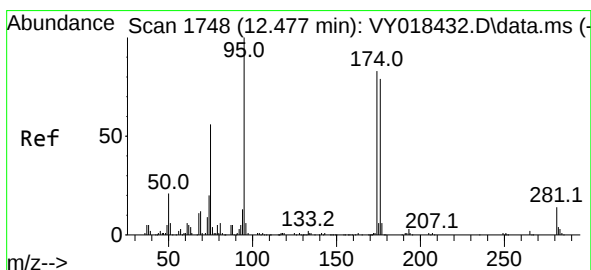
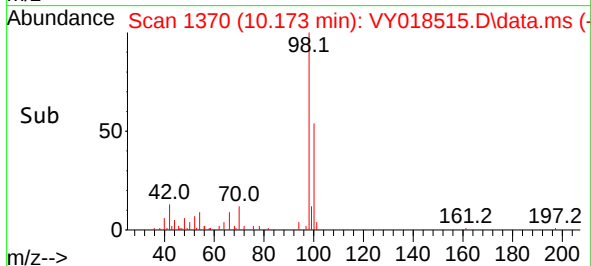
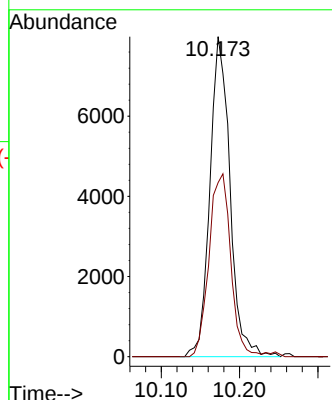
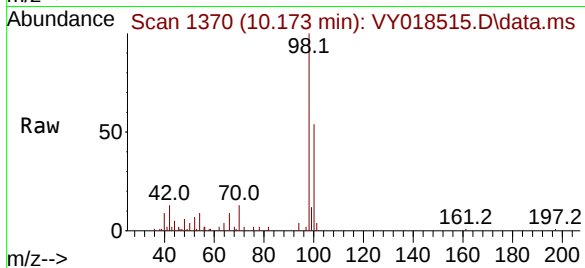
B-01

Tgt Ion: 98 Resp: 14219

Ion Ratio Lower Upper

98 100

100 61.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 21.888 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018515.D

Acq: 06 Jun 2024 19:19

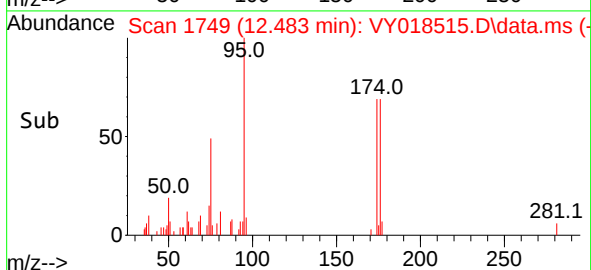
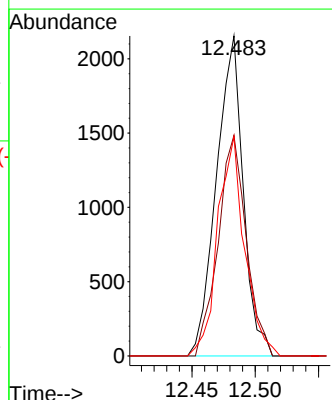
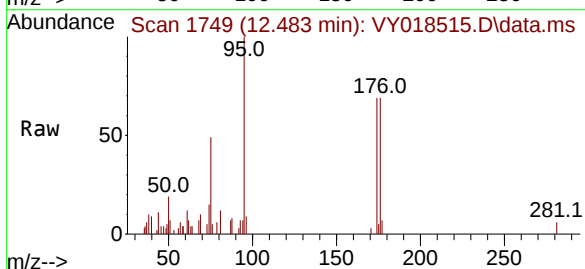
Tgt Ion: 95 Resp: 3167

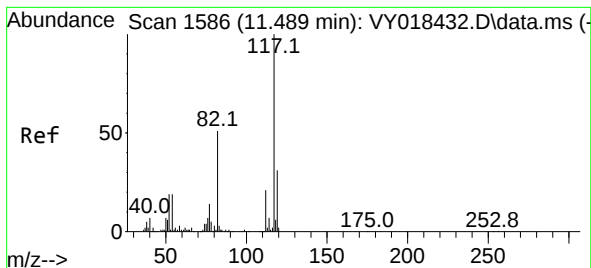
Ion Ratio Lower Upper

95 100

174 72.6 0.0 175.6

176 69.1 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: VY018515.D

Acq: 06 Jun 2024 19:19

Instrument :

MSVOA_Y

ClientSampleId :

B-01

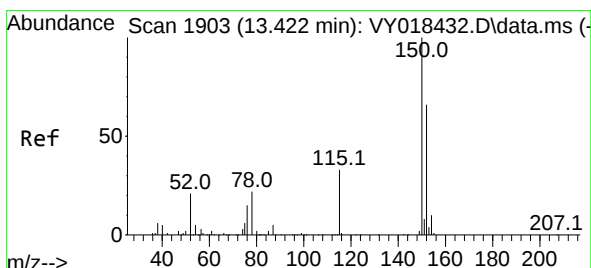
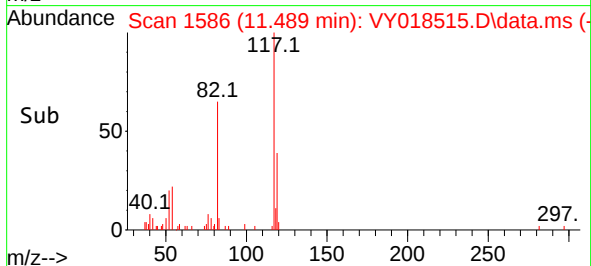
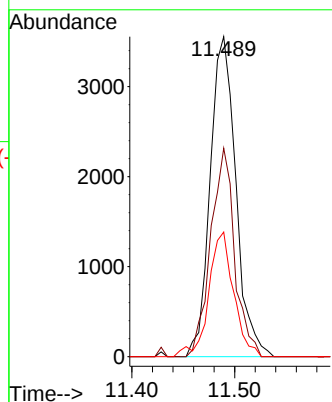
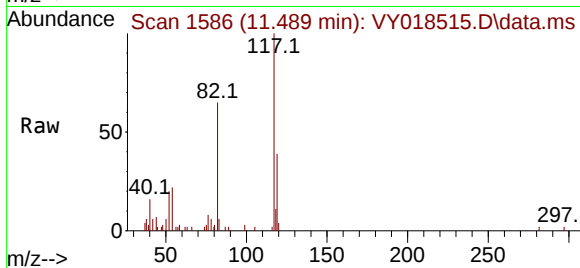
Tgt Ion:117 Resp: 6160

Ion Ratio Lower Upper

117 100

82 65.1 42.4 63.6#

119 38.9 25.9 38.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018515.D

Acq: 06 Jun 2024 19:19

Tgt Ion:152 Resp: 1285

Ion Ratio Lower Upper

152 100

115 65.4 28.2 84.7

150 177.3 0.0 345.6

