

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021219.D
 Acq On : 17 Feb 2025 14:04
 Operator : SY/MD
 Sample : Q1365-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR22266

Quant Time: Feb 18 00:47:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	18445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	27472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	20010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	4316	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	8187	43.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.640%
35) Dibromofluoromethane	7.640	113	9402	53.403	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.800%
50) Toluene-d8	10.109	98	31261	46.640	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.414	95	5916	27.017	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.040%

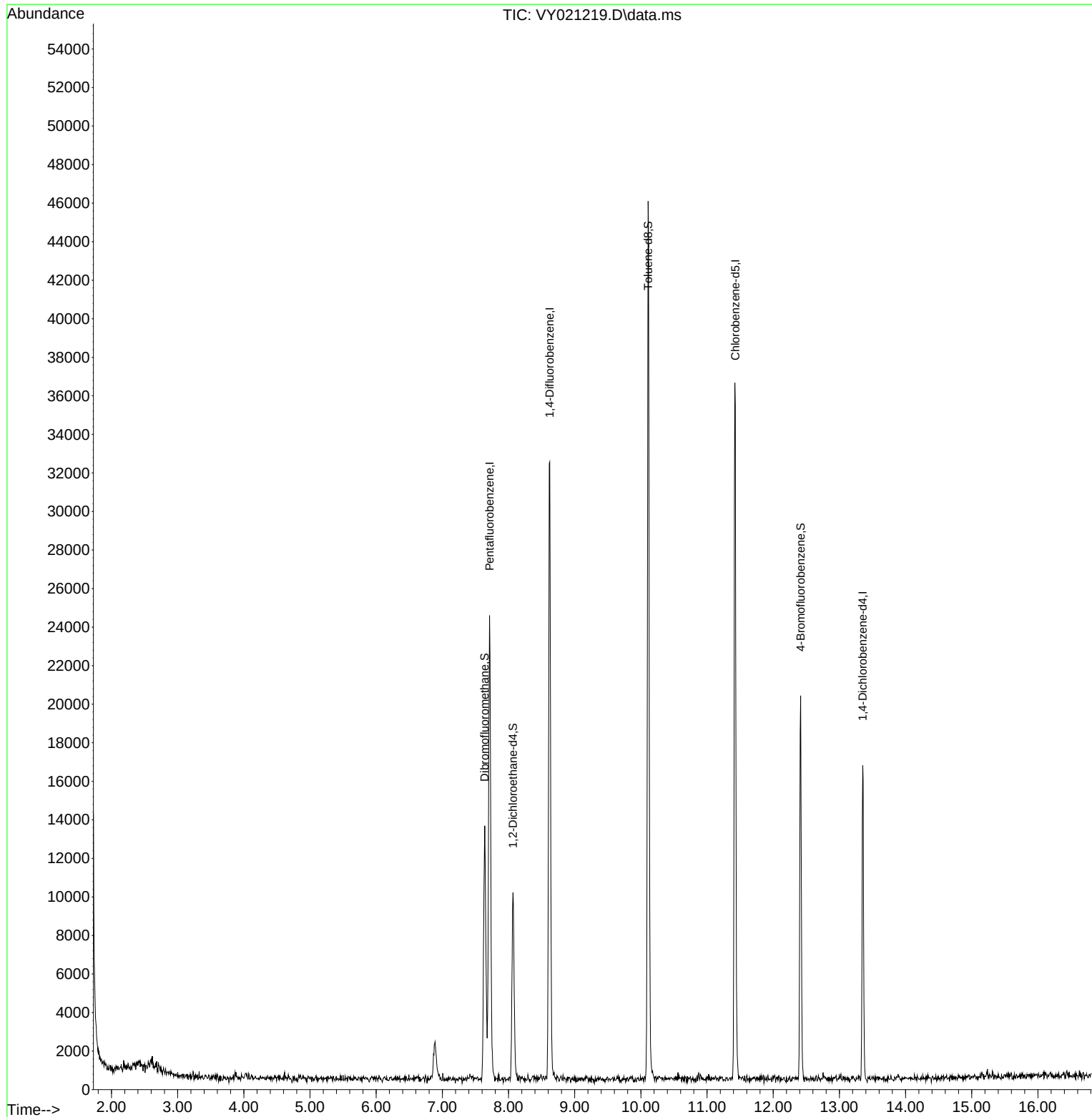
Target Compounds	Qvalue

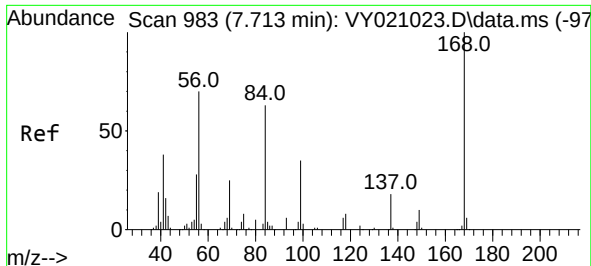
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
Data File : VY021219.D
Acq On : 17 Feb 2025 14:04
Operator : SY/MD
Sample : Q1365-07
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RBR22266

Quant Time: Feb 18 00:47:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

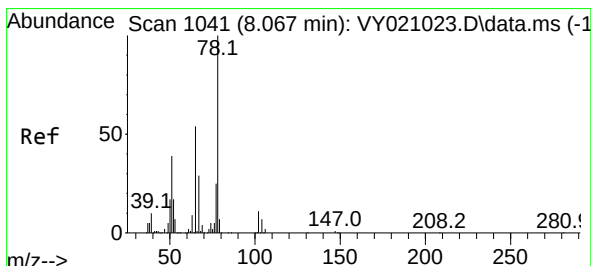
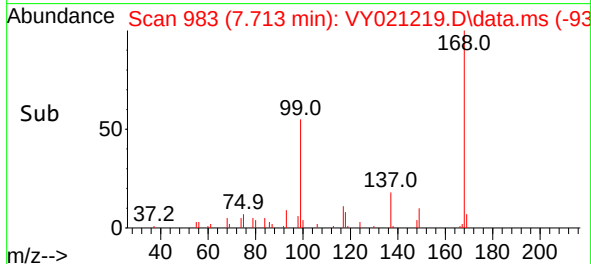
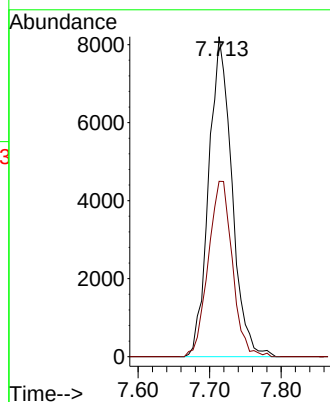
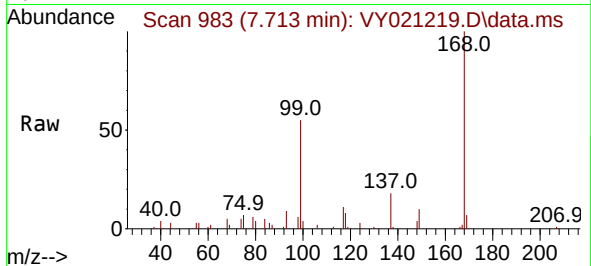




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021219.D
Acq: 17 Feb 2025 14:04

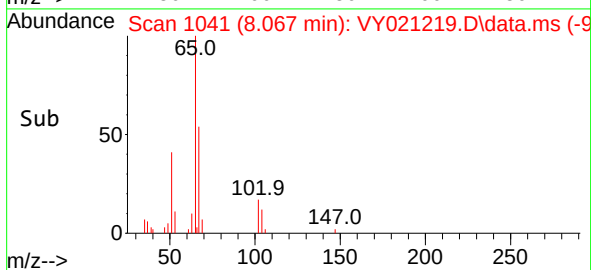
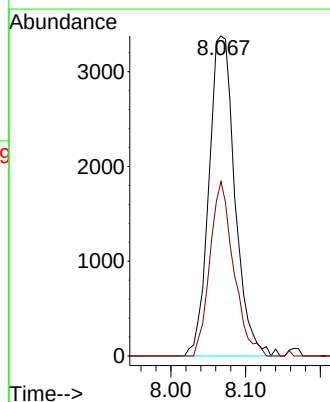
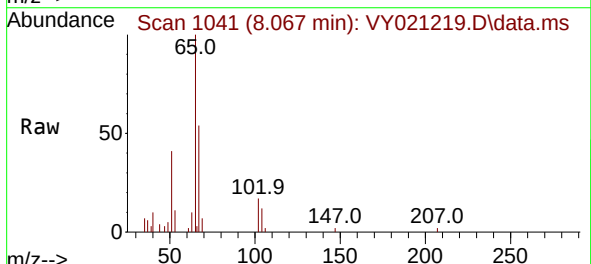
Instrument :
MSVOA_Y
ClientSampleId :
RBR22266

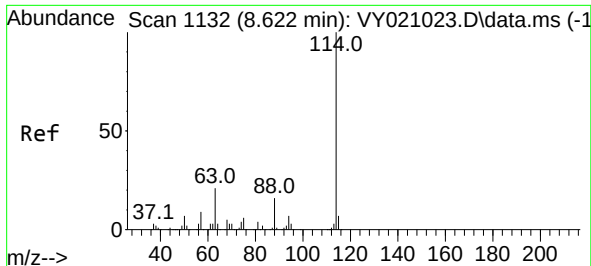
Tgt Ion:168 Resp: 18445
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 43.321 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021219.D
Acq: 17 Feb 2025 14:04

Tgt Ion: 65 Resp: 8187
Ion Ratio Lower Upper
65 100
67 49.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021219.D

Acq: 17 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

RBR22266

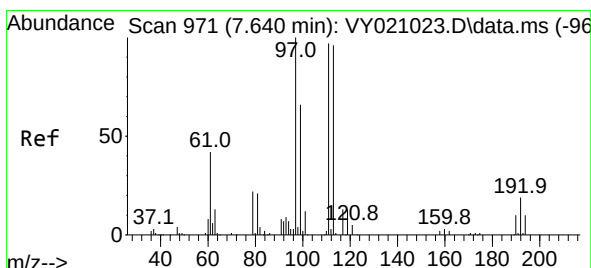
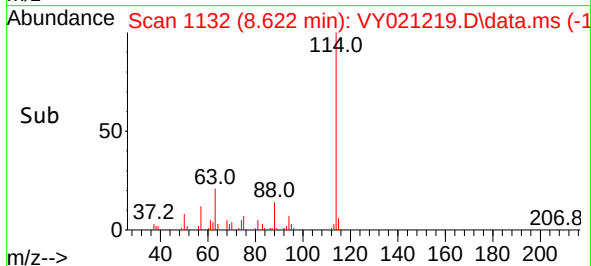
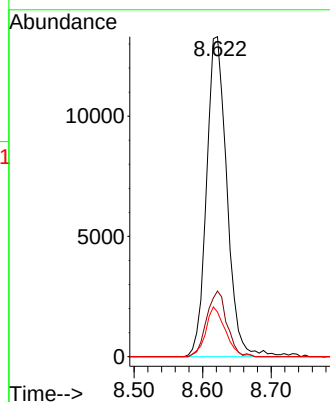
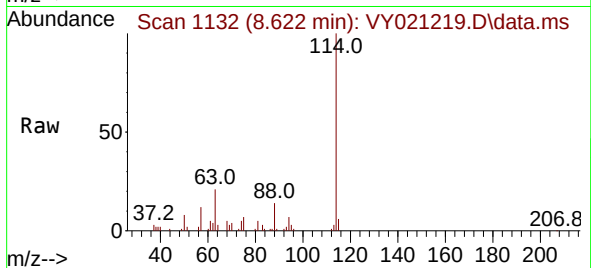
Tgt Ion:114 Resp: 27472

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 13.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.403 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021219.D

Acq: 17 Feb 2025 14:04

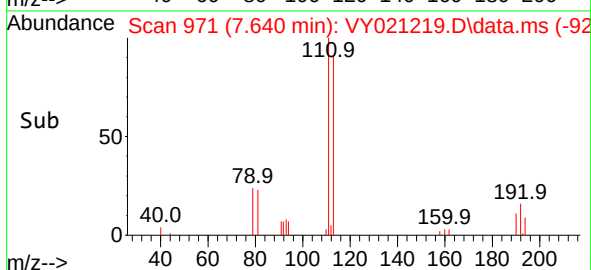
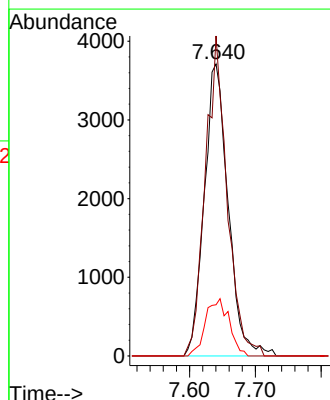
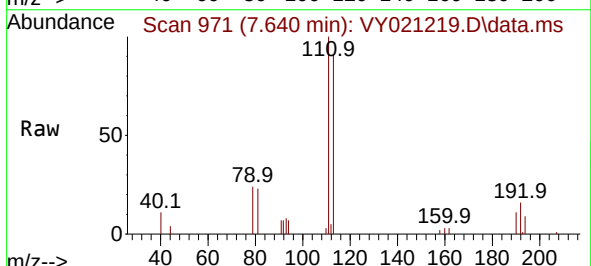
Tgt Ion:113 Resp: 9402

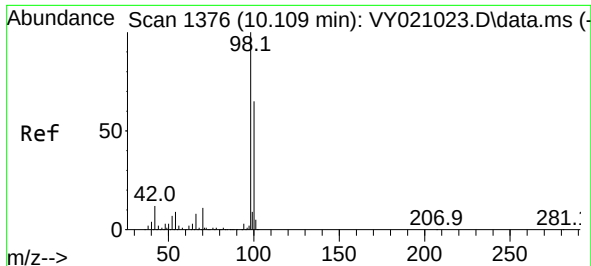
Ion Ratio Lower Upper

113 100

111 100.0 83.8 125.6

192 19.3 14.5 21.7

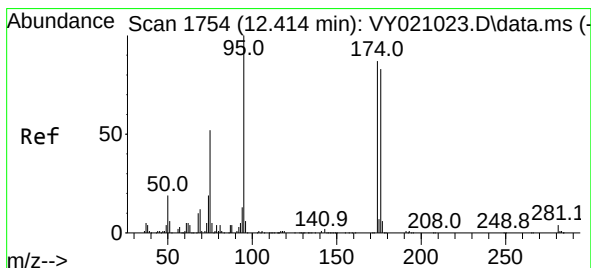
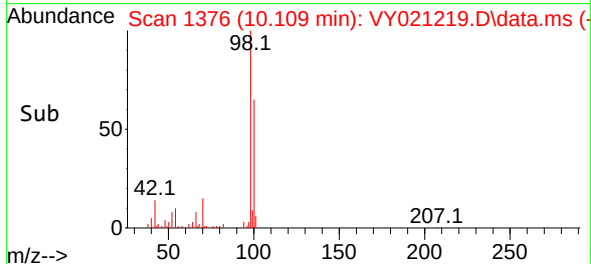
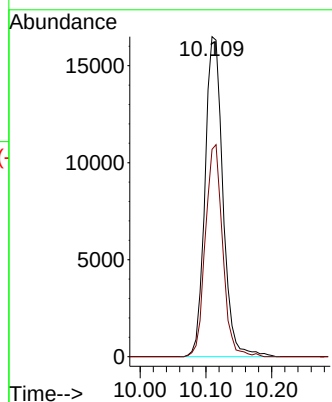
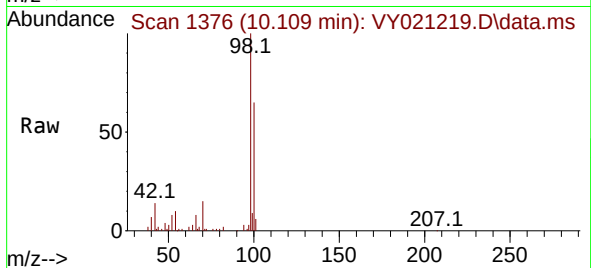




#50
Toluene-d8
Concen: 46.640 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021219.D
Acq: 17 Feb 2025 14:04

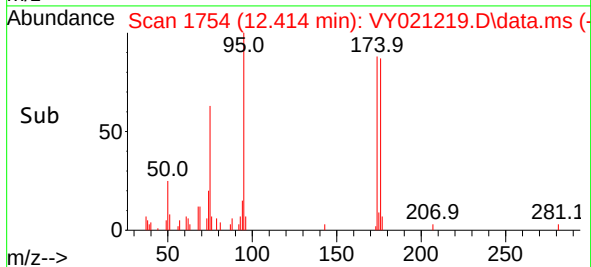
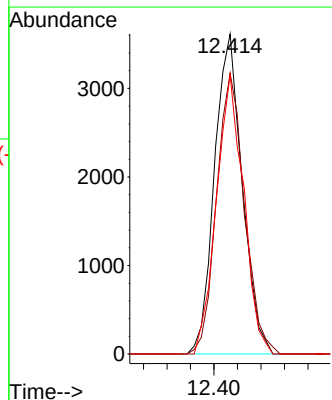
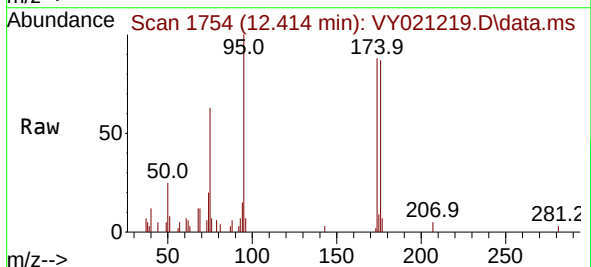
Instrument :
MSVOA_Y
ClientSampleId :
RBR22266

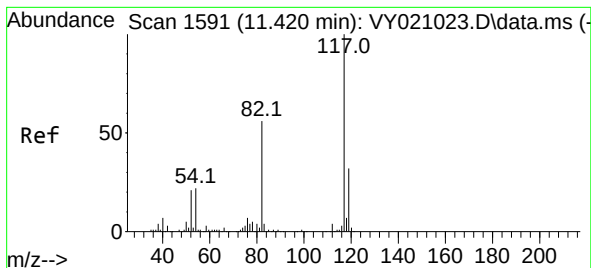
Tgt Ion: 98 Resp: 31261
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 27.017 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021219.D
Acq: 17 Feb 2025 14:04

Tgt Ion: 95 Resp: 5916
Ion Ratio Lower Upper
95 100
174 88.1 0.0 160.0
176 85.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021219.D

Acq: 17 Feb 2025 14:04

Instrument :

MSVOA_Y

ClientSampleId :

RBR22266

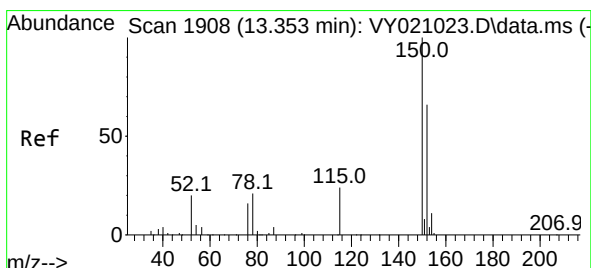
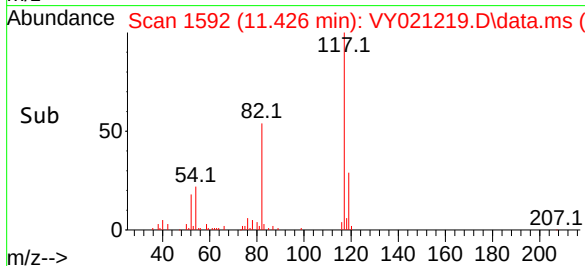
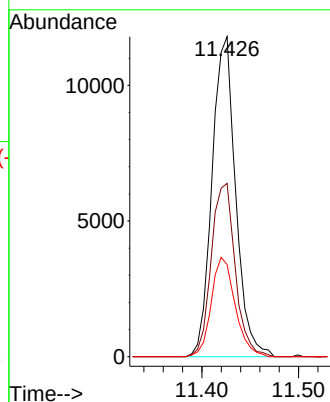
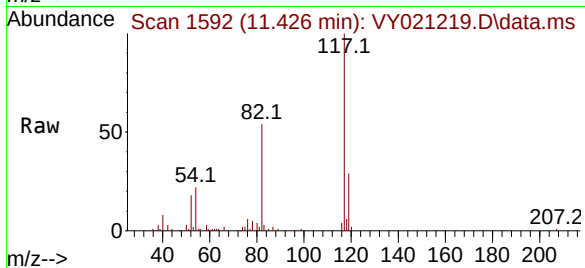
Tgt Ion:117 Resp: 20010

Ion Ratio Lower Upper

117 100

82 54.1 43.8 65.8

119 28.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021219.D

Acq: 17 Feb 2025 14:04

Tgt Ion:152 Resp: 4316

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 151.7 0.0 344.6

