

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021290.D
 Acq On : 21 Feb 2025 16:57
 Operator : SY/MD
 Sample : Q1382-07
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-04-021725

Quant Time: Feb 21 23:09:43 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	165765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	323525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	308440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	125474	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	107946	63.558	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.120%
35) Dibromofluoromethane	7.640	113	105932	51.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.180%
50) Toluene-d8	10.109	98	405133	51.325	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.414	95	130482	50.599	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.200%

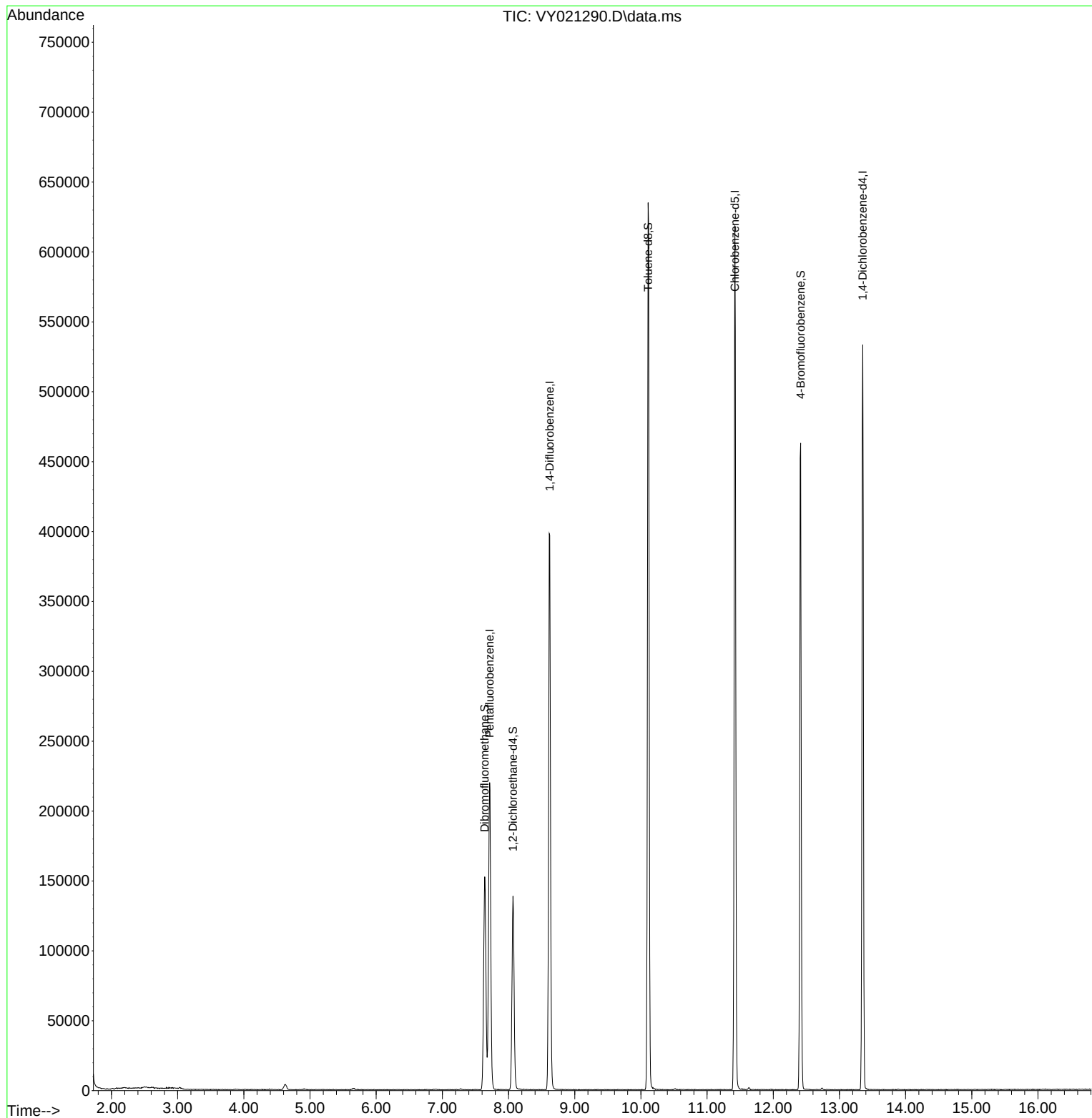
Target Compounds	Qvalue

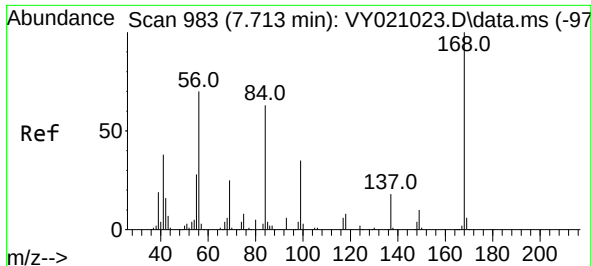
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
Data File : VY021290.D
Acq On : 21 Feb 2025 16:57
Operator : SY/MD
Sample : Q1382-07
Misc : 5.57g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-04-021725

Quant Time: Feb 21 23:09:43 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

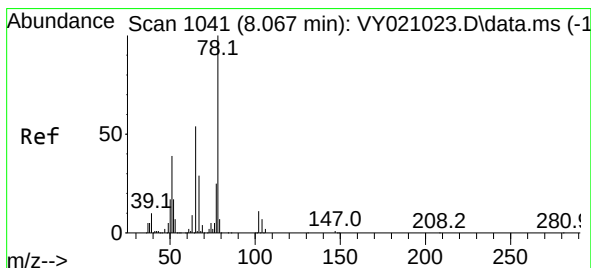
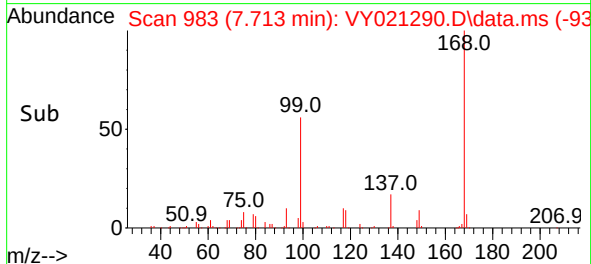
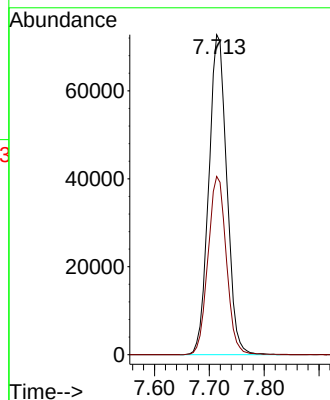
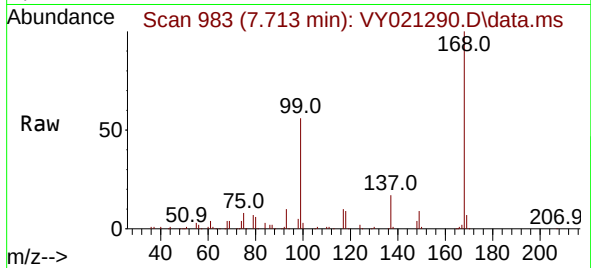




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

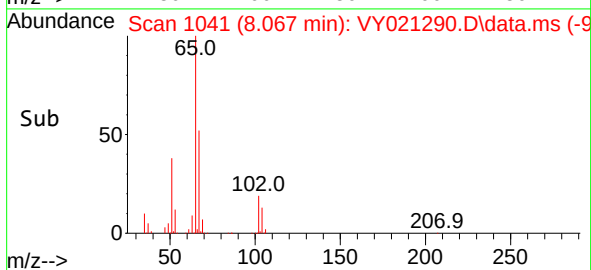
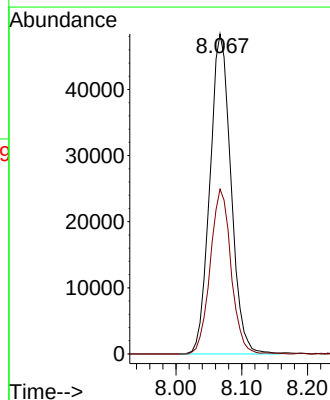
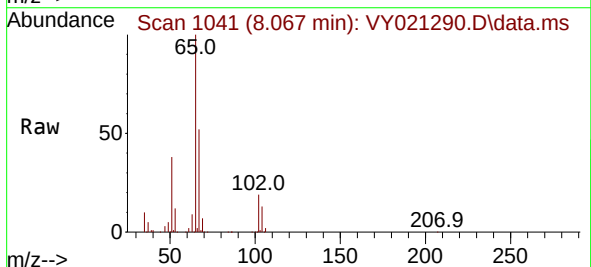
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-04-021725

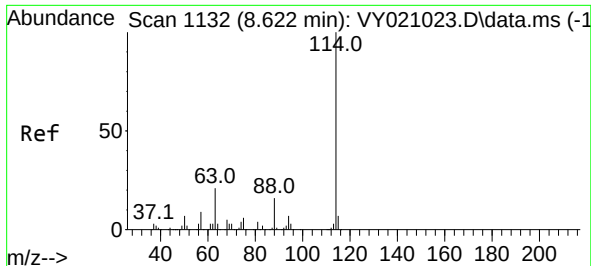
Tgt Ion:168 Resp: 165765
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 63.558 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

Tgt Ion: 65 Resp: 107946
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.0

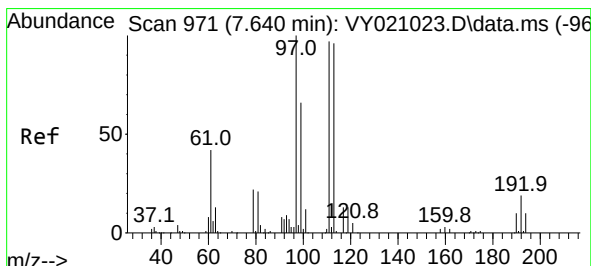
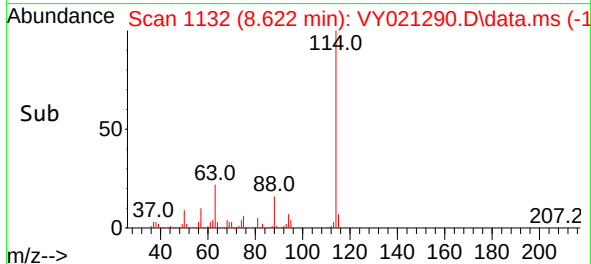
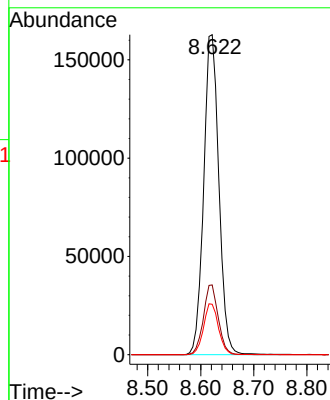
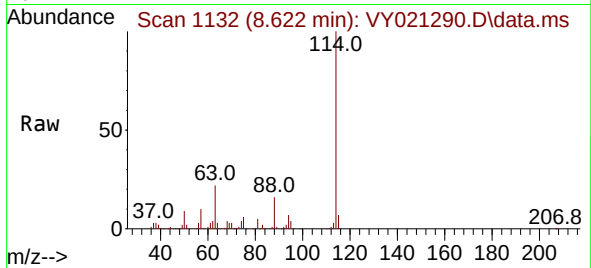




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

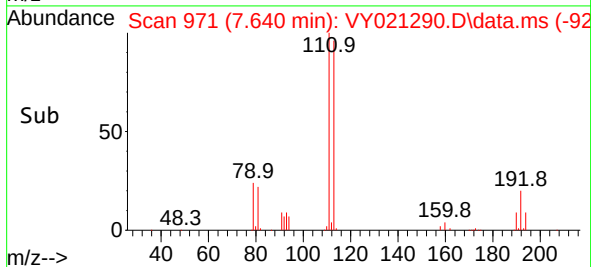
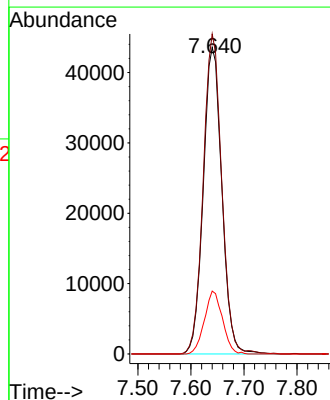
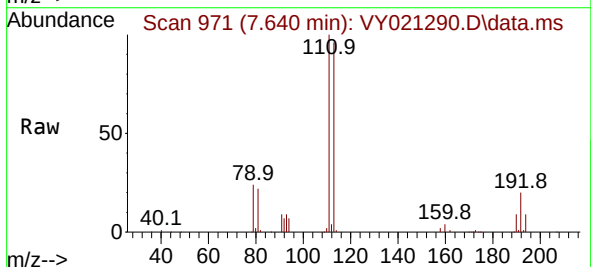
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-04-021725

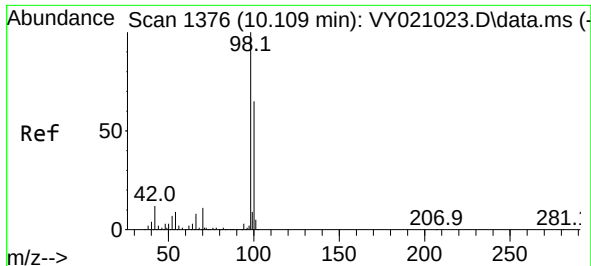
Tgt Ion:114 Resp: 323525
Ion Ratio Lower Upper
114 100
63 21.8 0.0 37.4
88 15.8 0.0 29.0



#35
Dibromofluoromethane
Concen: 51.092 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

Tgt Ion:113 Resp: 105932
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 19.9 14.5 21.7

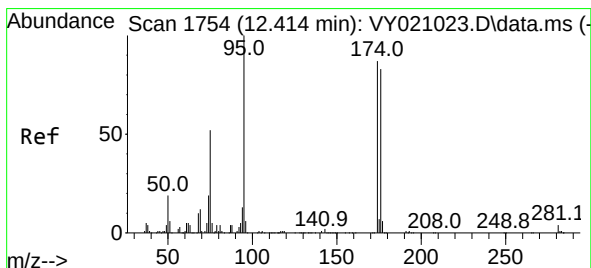
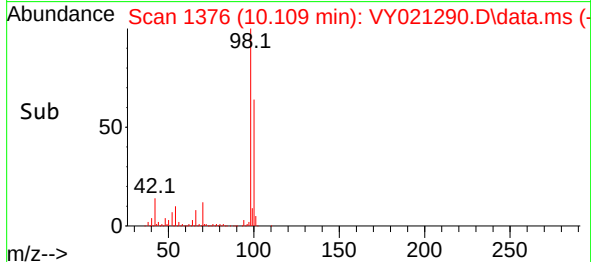
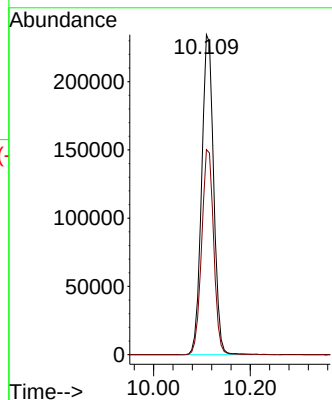
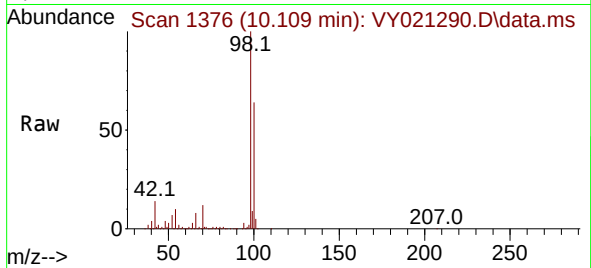




#50
Toluene-d8
Concen: 51.325 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

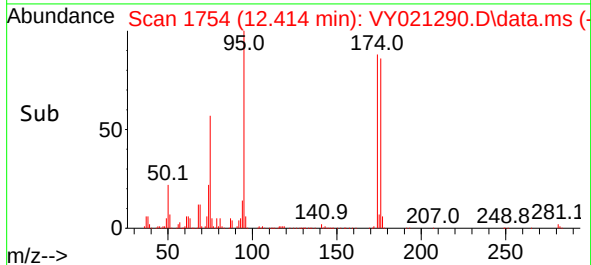
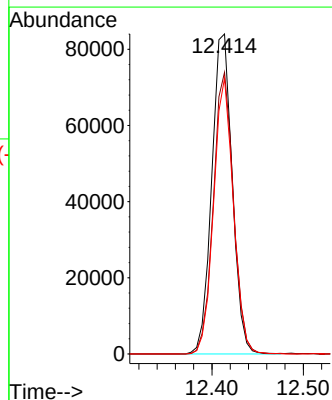
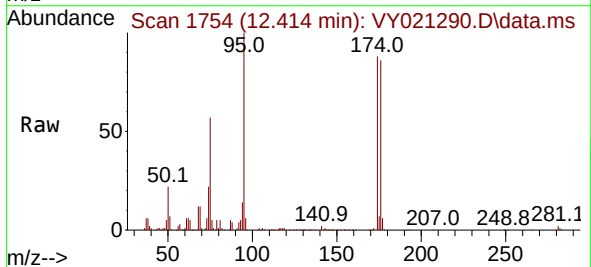
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-04-021725

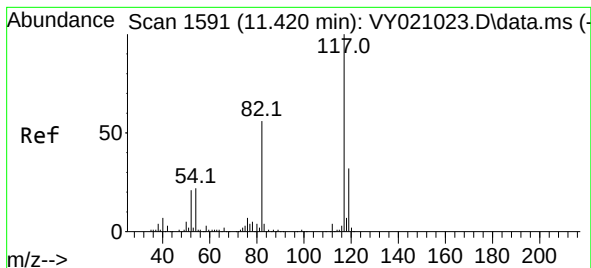
Tgt Ion: 98 Resp: 405133
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 50.599 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021290.D
Acq: 21 Feb 2025 16:57

Tgt Ion: 95 Resp: 130482
Ion Ratio Lower Upper
95 100
174 86.8 0.0 160.0
176 83.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021290.D

Acq: 21 Feb 2025 16:57

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-04-021725

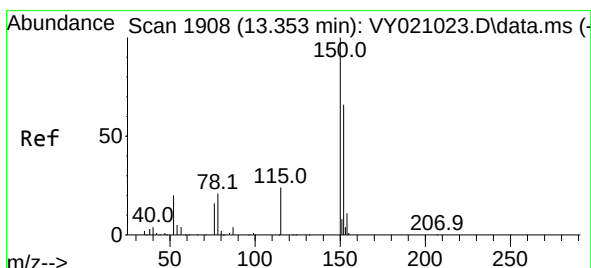
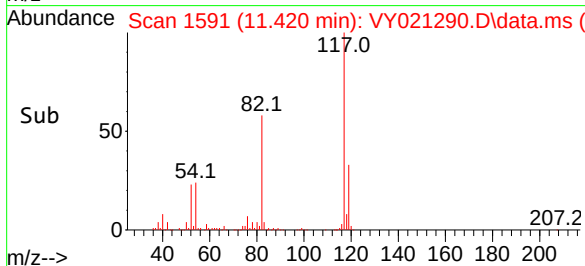
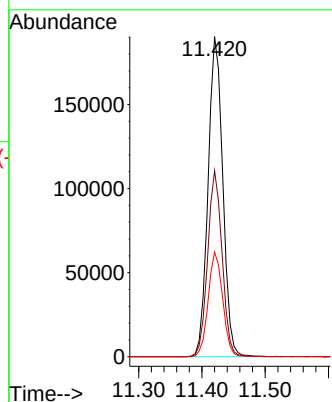
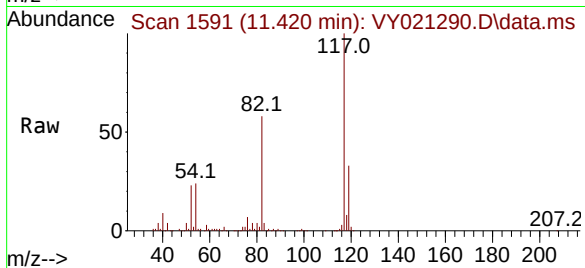
Tgt Ion:117 Resp: 308440

Ion Ratio Lower Upper

117 100

82 58.1 43.8 65.8

119 32.7 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: VY021290.D

Acq: 21 Feb 2025 16:57

Tgt Ion:152 Resp: 125474

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 158.5 0.0 344.6

