

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021784.D
 Acq On : 04 Apr 2025 14:37
 Operator : SY/MD
 Sample : Q1730-07
 Misc : 5.52g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-21-040325

Quant Time: Apr 04 23:40:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

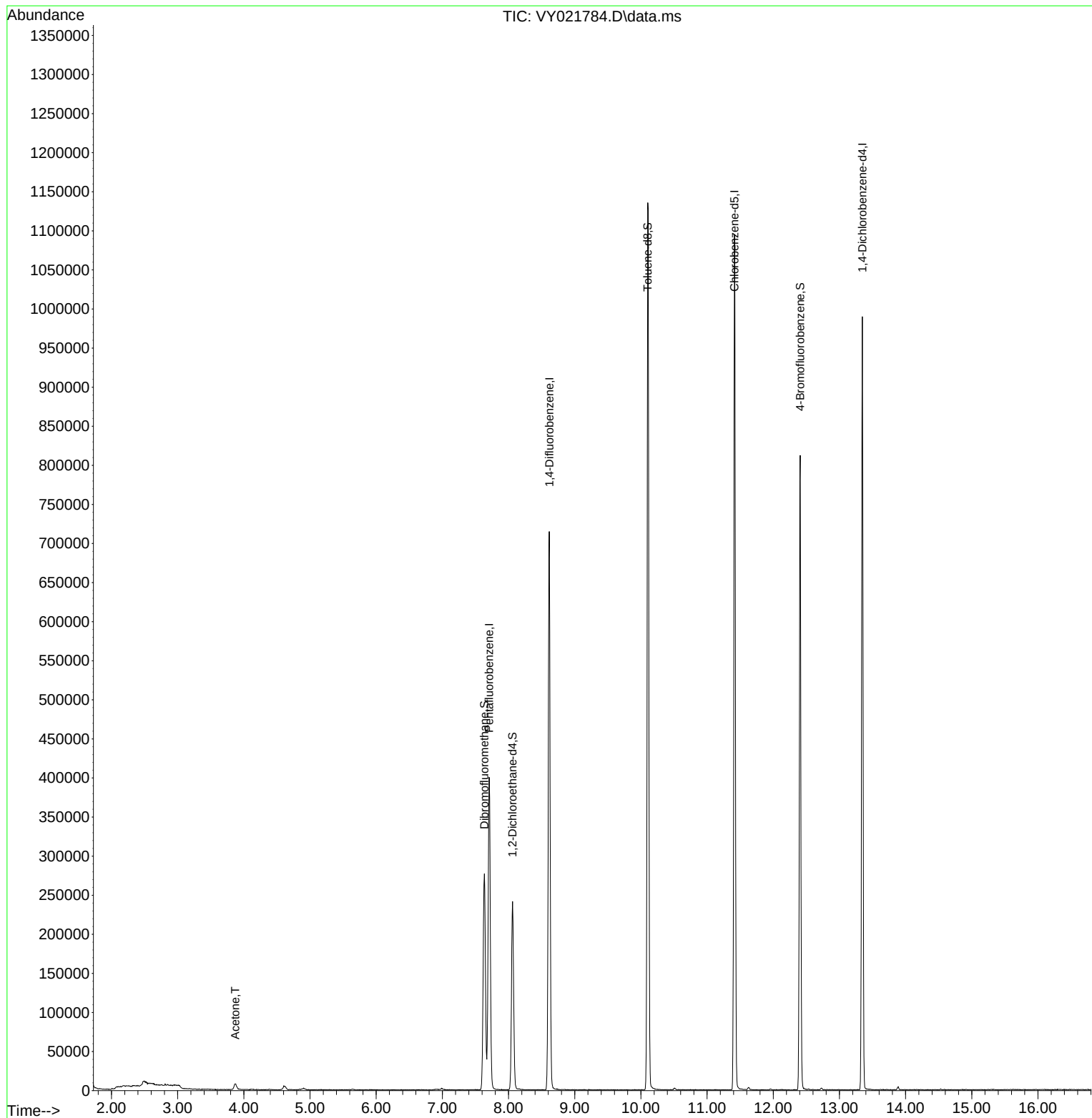
Internal Standards						
1) Pentafluorobenzene	7.707	168	300002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	589442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	558862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	236951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	191441	58.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.800%
35) Dibromofluoromethane	7.634	113	197606	51.680	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.360%
50) Toluene-d8	10.103	98	726513	49.945	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.408	95	241379	49.059	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.120%
Target Compounds						
16) Acetone	3.873	43	13804	20.751	ug/l	Qvalue 94

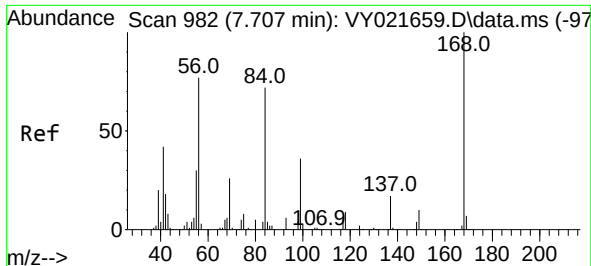
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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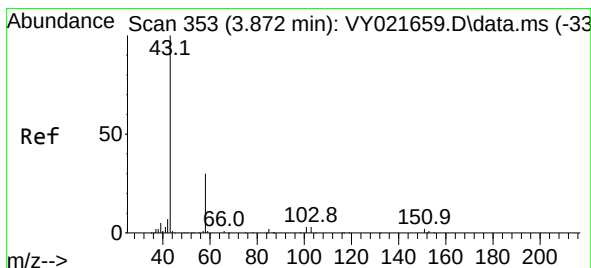
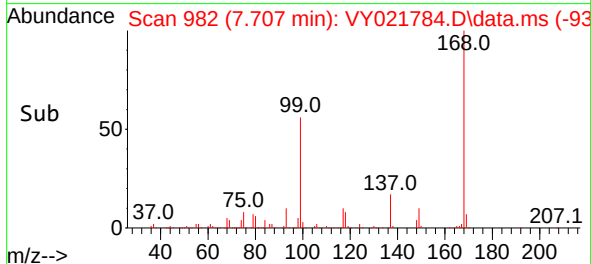
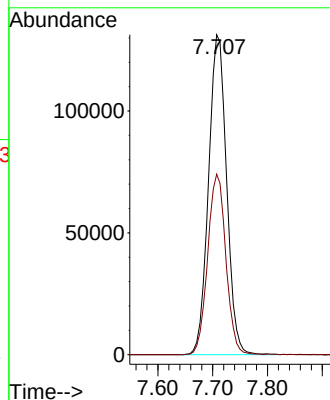
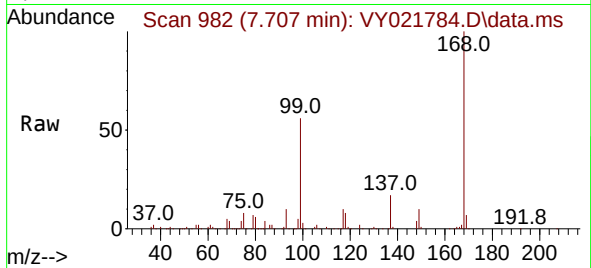




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021784.D
Acq: 04 Apr 2025 14:37

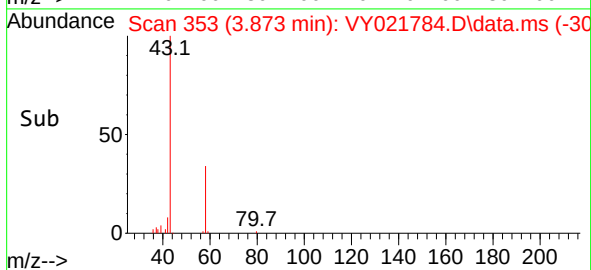
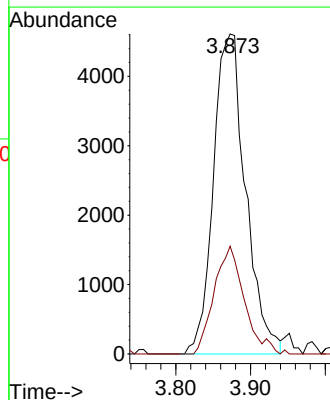
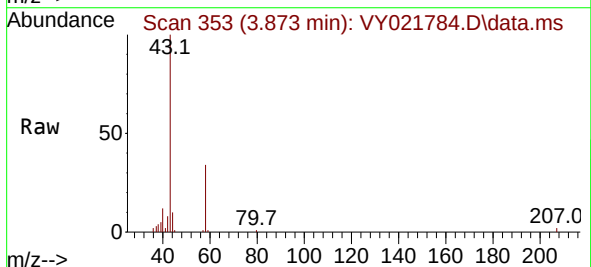
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-21-040325

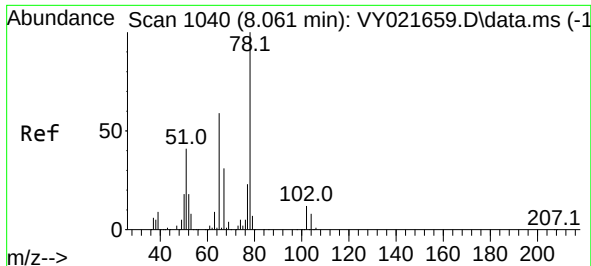
Tgt Ion:168 Resp: 300002
Ion Ratio Lower Upper
168 100
99 56.4 46.7 70.1



#16
Acetone
Concen: 20.751 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021784.D
Acq: 04 Apr 2025 14:37

Tgt Ion: 43 Resp: 13804
Ion Ratio Lower Upper
43 100
58 33.7 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 58.897 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021784.D

Acq: 04 Apr 2025 14:37

Instrument :

MSVOA_Y

ClientSampleId :

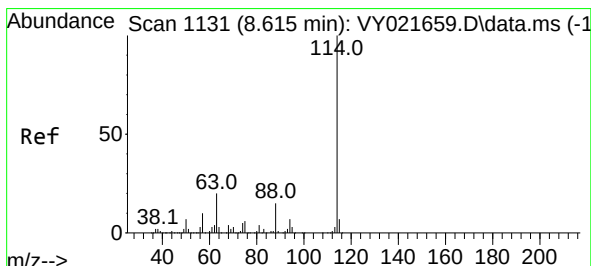
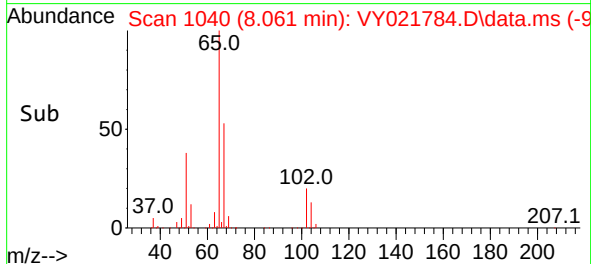
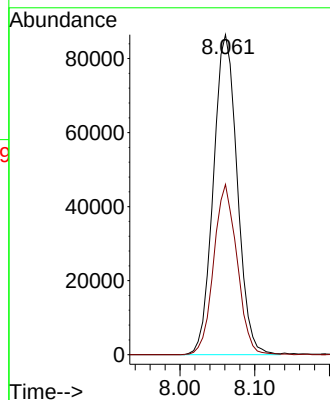
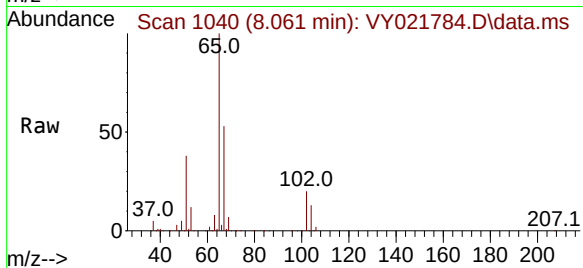
OU4-PCS-TC-21-040325

Tgt Ion: 65 Resp: 191441

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021784.D

Acq: 04 Apr 2025 14:37

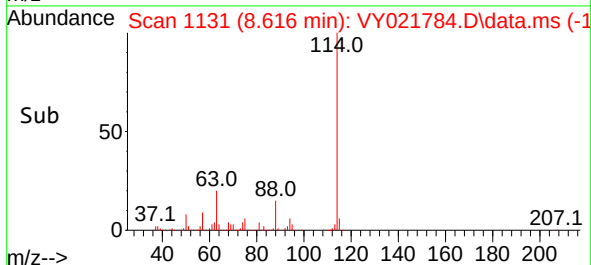
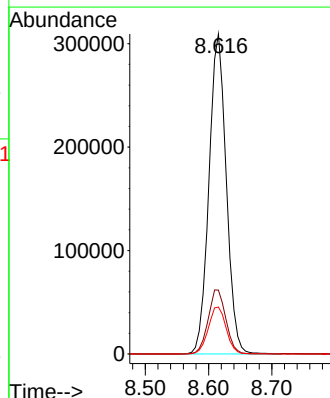
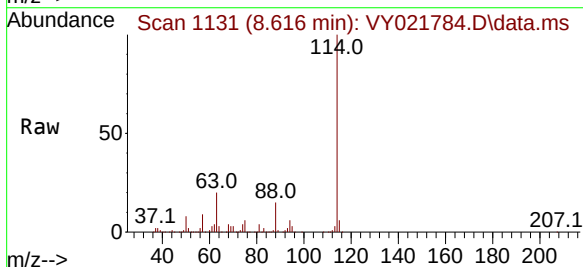
Tgt Ion: 114 Resp: 589442

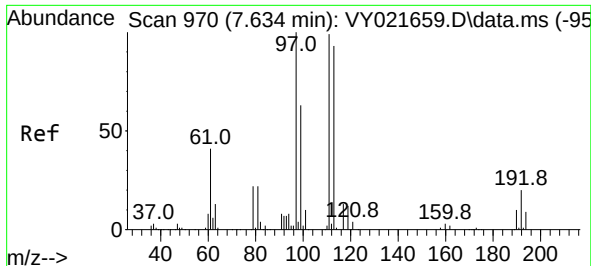
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

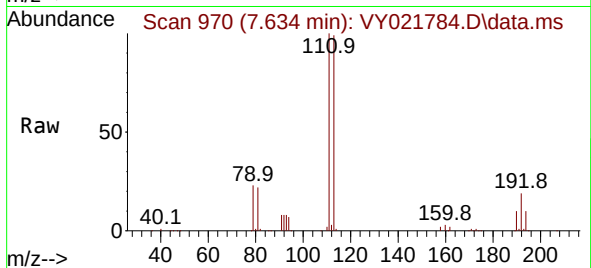
88 14.6 0.0 29.8



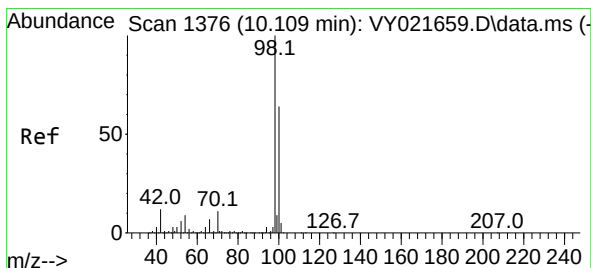
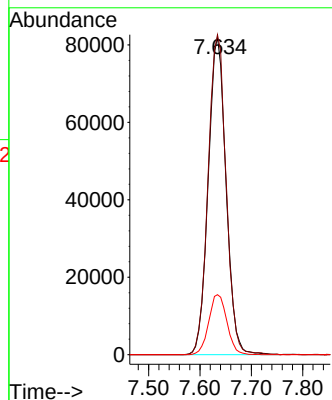
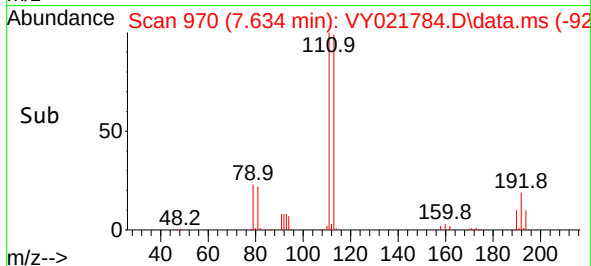


#35
Dibromofluoromethane
Concen: 51.680 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021784.D
Acq: 04 Apr 2025 14:37

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-21-040325

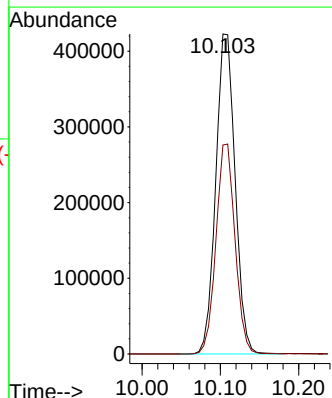
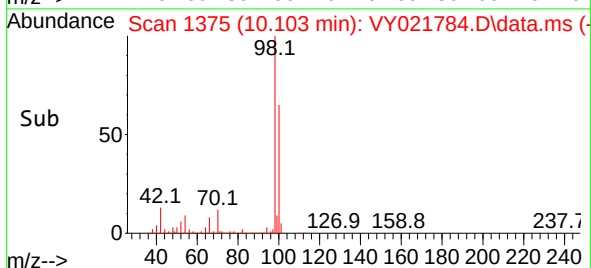
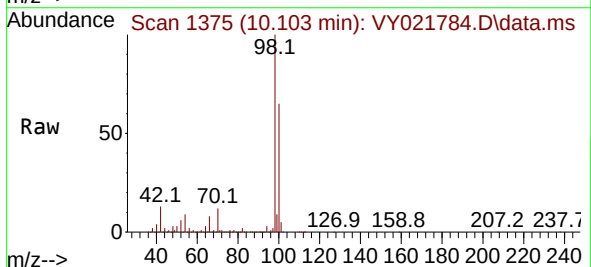


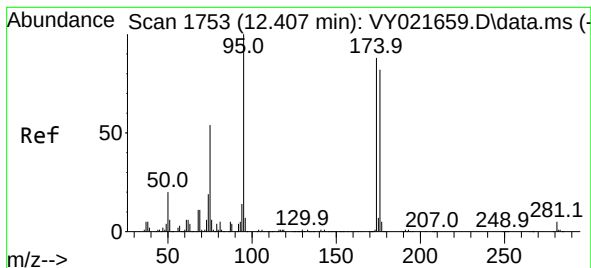
Tgt Ion:113 Resp: 197606
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 19.3 16.2 24.4



#50
Toluene-d8
Concen: 49.945 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021784.D
Acq: 04 Apr 2025 14:37

Tgt Ion: 98 Resp: 726513
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

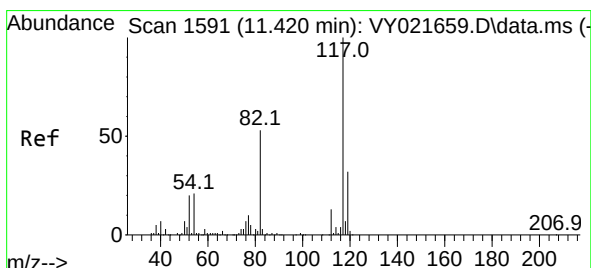
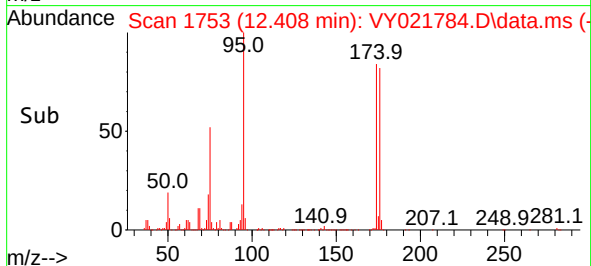
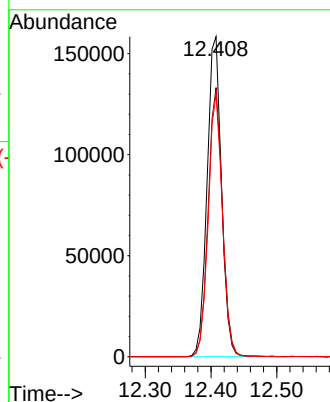
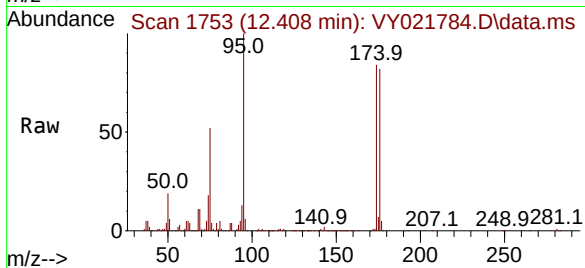




#62
4-Bromofluorobenzene
Concen: 49.059 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021784.D
Acq: 04 Apr 2025 14:37

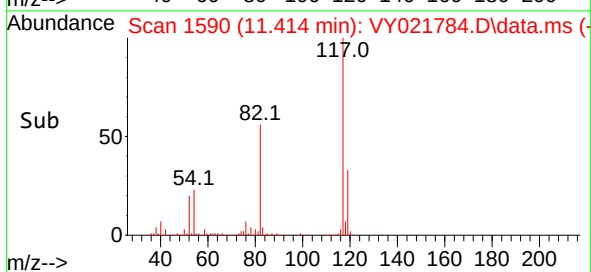
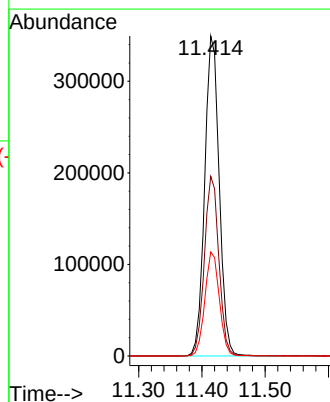
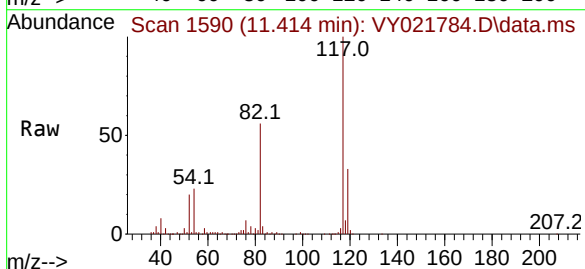
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-21-040325

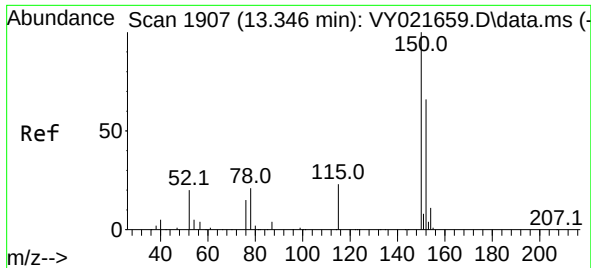
Tgt Ion: 95 Resp: 241379
Ion Ratio Lower Upper
95 100
174 83.6 0.0 170.8
176 80.6 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021784.D
Acq: 04 Apr 2025 14:37

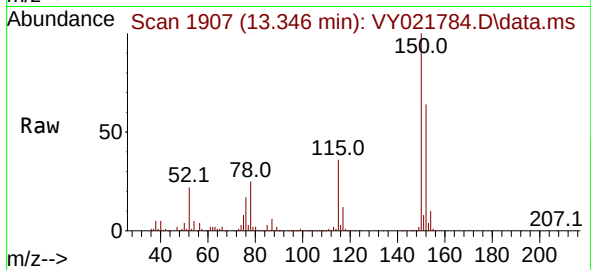
Tgt Ion: 117 Resp: 558862
Ion Ratio Lower Upper
117 100
82 56.2 42.8 64.2
119 32.5 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021784.D
 Acq: 04 Apr 2025 14:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-21-040325



Tgt Ion:152 Resp: 236951
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.8 86.5
 150 156.0 0.0 348.4

