

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021266.D
 Acq On : 20 Feb 2025 21:47
 Operator : SY/MD
 Sample : Q1382-15
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-08-021725

Quant Time: Feb 21 02:47:45 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)

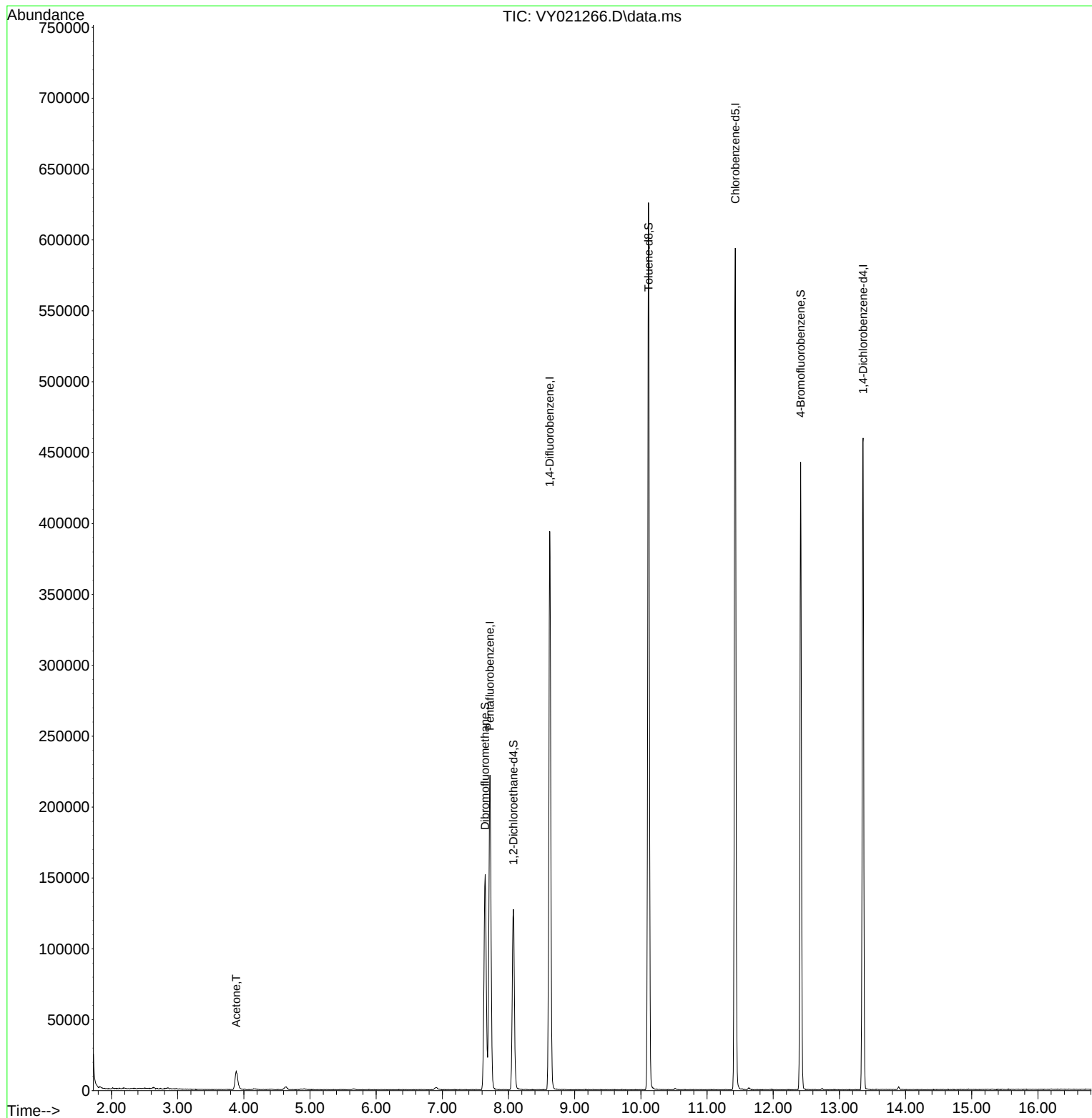
Internal Standards						
1) Pentafluorobenzene	7.720	168	166044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	323822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	301695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	117591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105654	62.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.200%
35) Dibromofluoromethane	7.646	113	105315	50.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.115	98	394390	49.918	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.414	95	126818	49.133	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.260%
Target Compounds						
16) Acetone	3.885	43	24979	94.151	ug/l	Qvalue # 87

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

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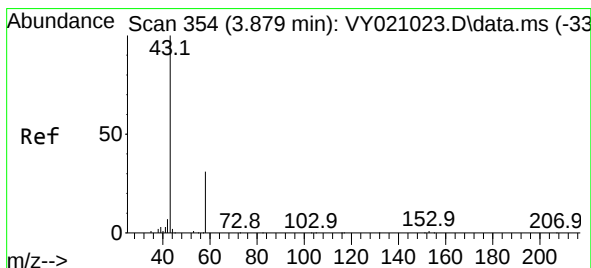
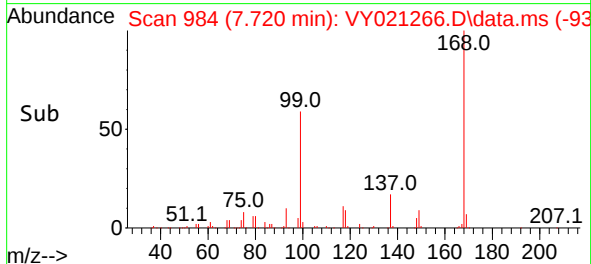
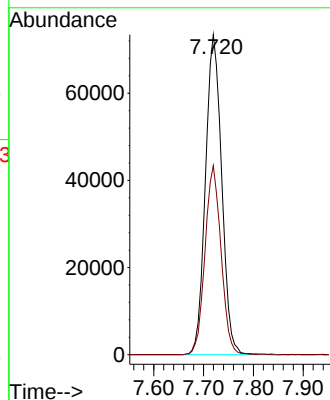
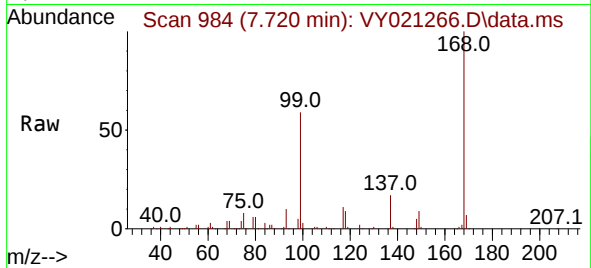




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 984
Delta R.T. 0.007 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

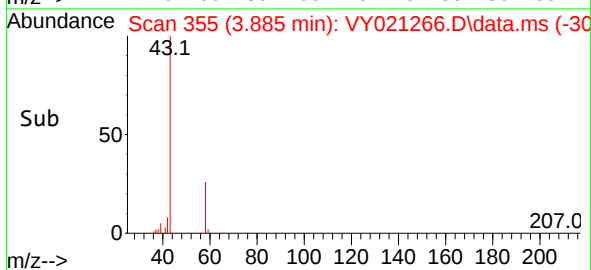
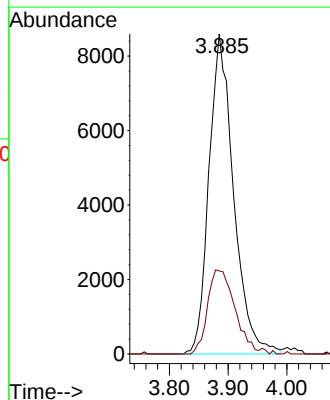
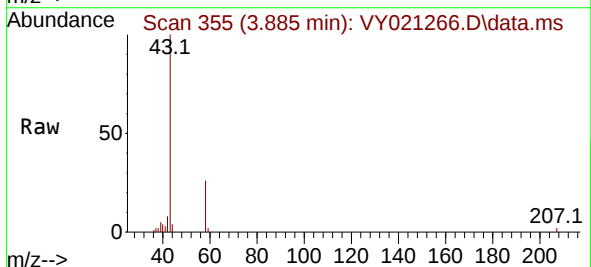
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-08-021725

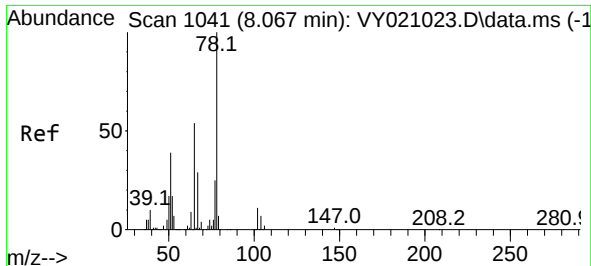
Tgt Ion:168 Resp: 166044
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#16
Acetone
Concen: 94.151 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Tgt Ion: 43 Resp: 24979
Ion Ratio Lower Upper
43 100
58 25.9 26.6 39.8#





#33

1,2-Dichloroethane-d4

Concen: 62.104 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY021266.D

Acq: 20 Feb 2025 21:47

Instrument :

MSVOA_Y

ClientSampleId :

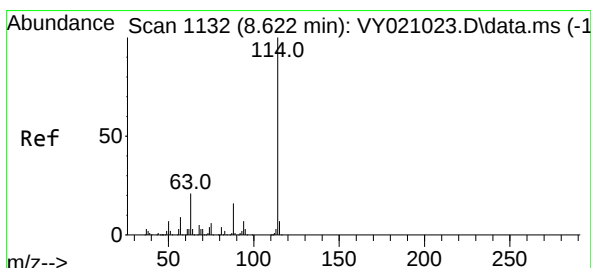
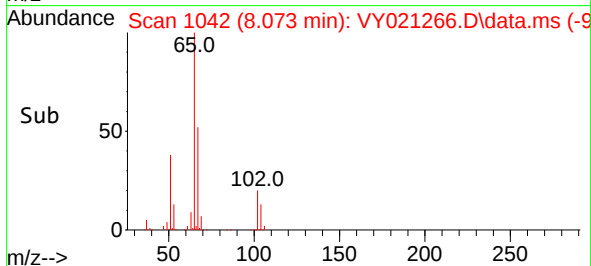
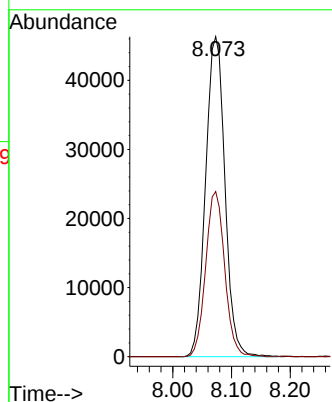
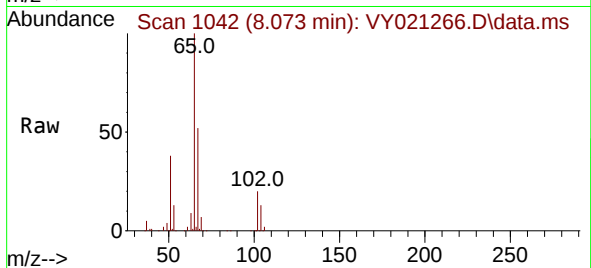
OU4-PCS-TC-08-021725

Tgt Ion: 65 Resp: 105654

Ion Ratio Lower Upper

65 100

67 50.8 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: VY021266.D

Acq: 20 Feb 2025 21:47

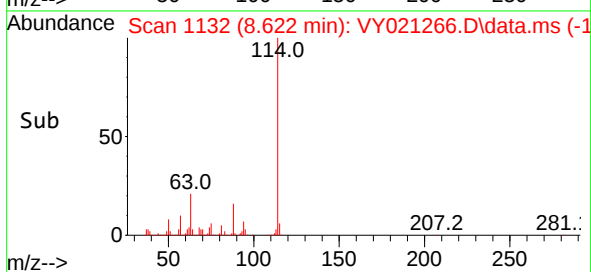
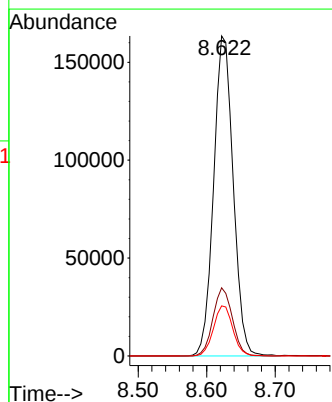
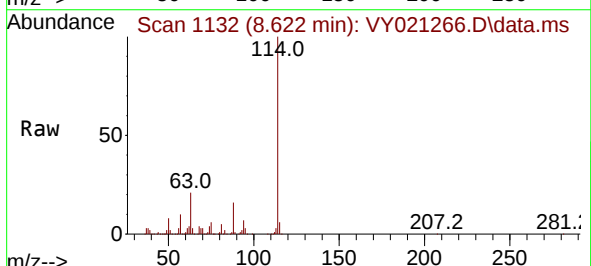
Tgt Ion:114 Resp: 323822

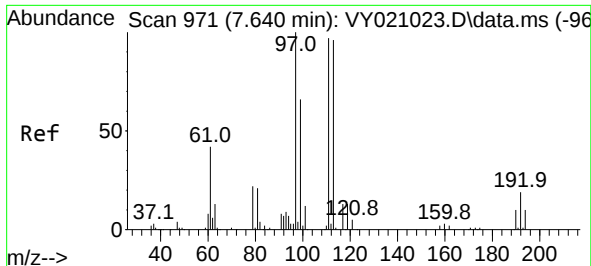
Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

88 15.7 0.0 29.0

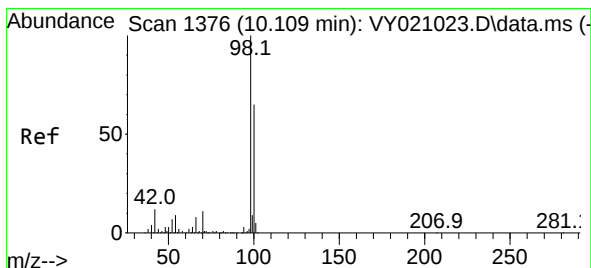
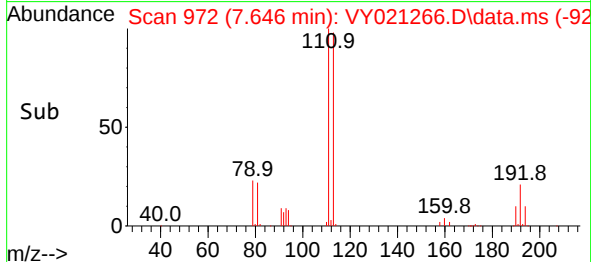
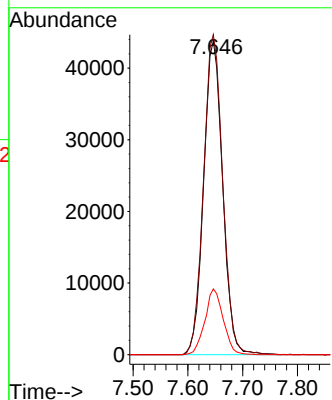
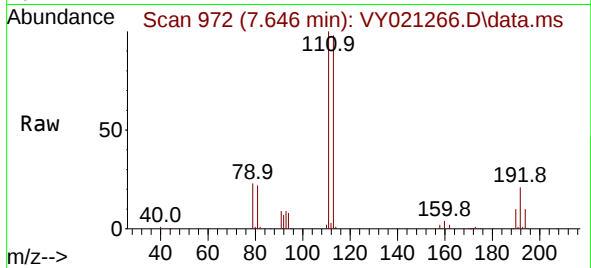




#35
Dibromofluoromethane
Concen: 50.748 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

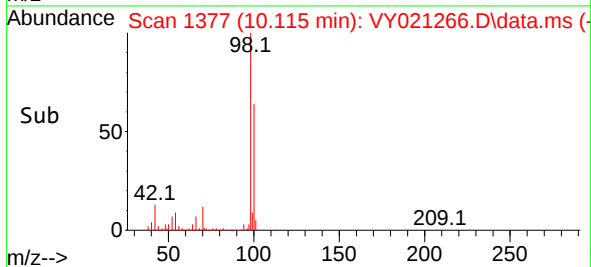
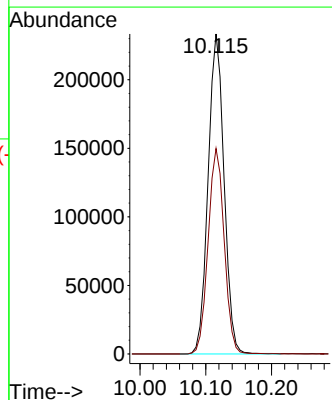
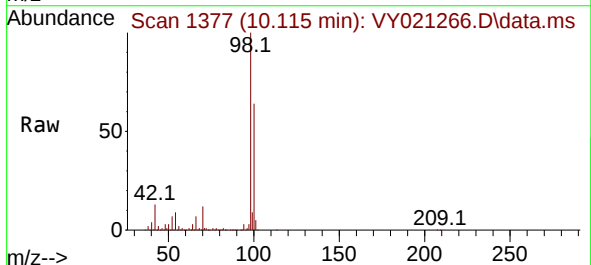
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-08-021725

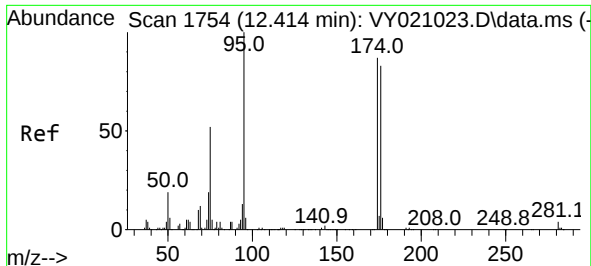
Tgt Ion:113 Resp: 105315
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 20.3 14.5 21.7



#50
Toluene-d8
Concen: 49.918 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

Tgt Ion: 98 Resp: 394390
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

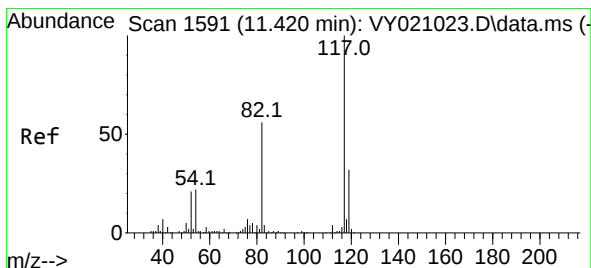
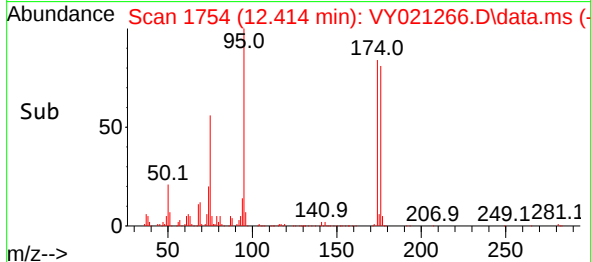
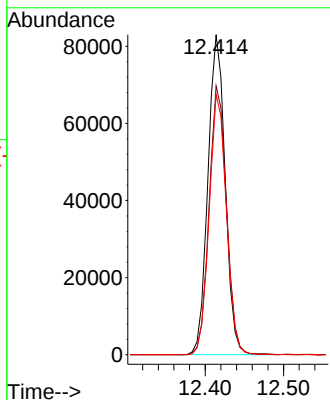
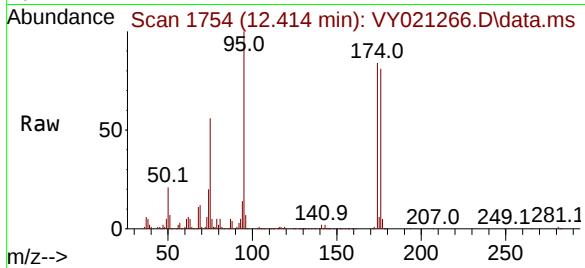




#62
4-Bromofluorobenzene
Concen: 49.133 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

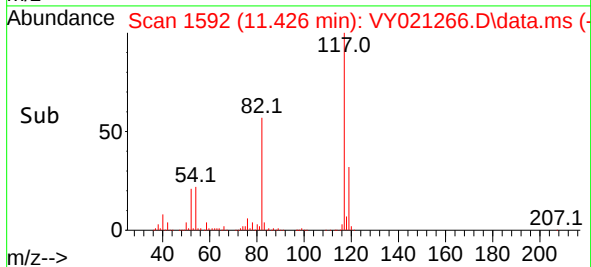
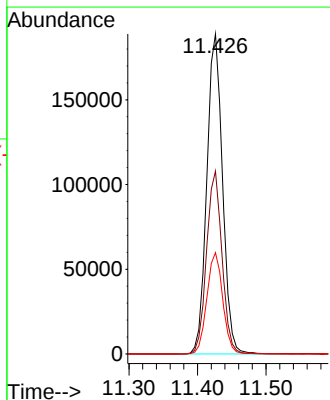
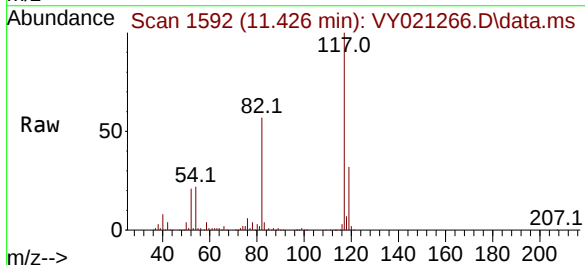
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-08-021725

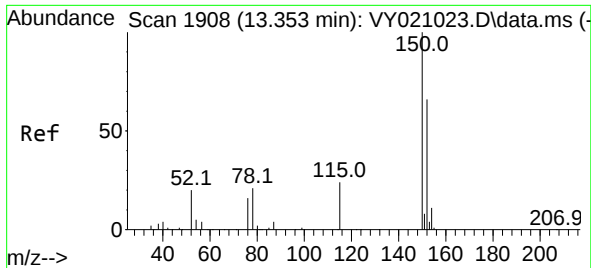
Tgt Ion: 95 Resp: 126818
Ion Ratio Lower Upper
95 100
174 84.8 0.0 160.0
176 81.4 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021266.D
Acq: 20 Feb 2025 21:47

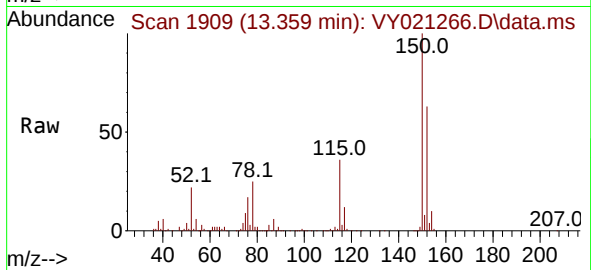
Tgt Ion: 117 Resp: 301695
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.8
119 31.6 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY021266.D
 Acq: 20 Feb 2025 21:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-08-021725



Tgt Ion:152 Resp: 117591
 Ion Ratio Lower Upper
 152 100
 115 58.4 30.0 90.0
 150 157.1 0.0 344.6

