

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021293.D
 Acq On : 21 Feb 2025 18:08
 Operator : SY/MD
 Sample : Q1382-13
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-07-021725

Quant Time: Feb 21 23:10:31 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)

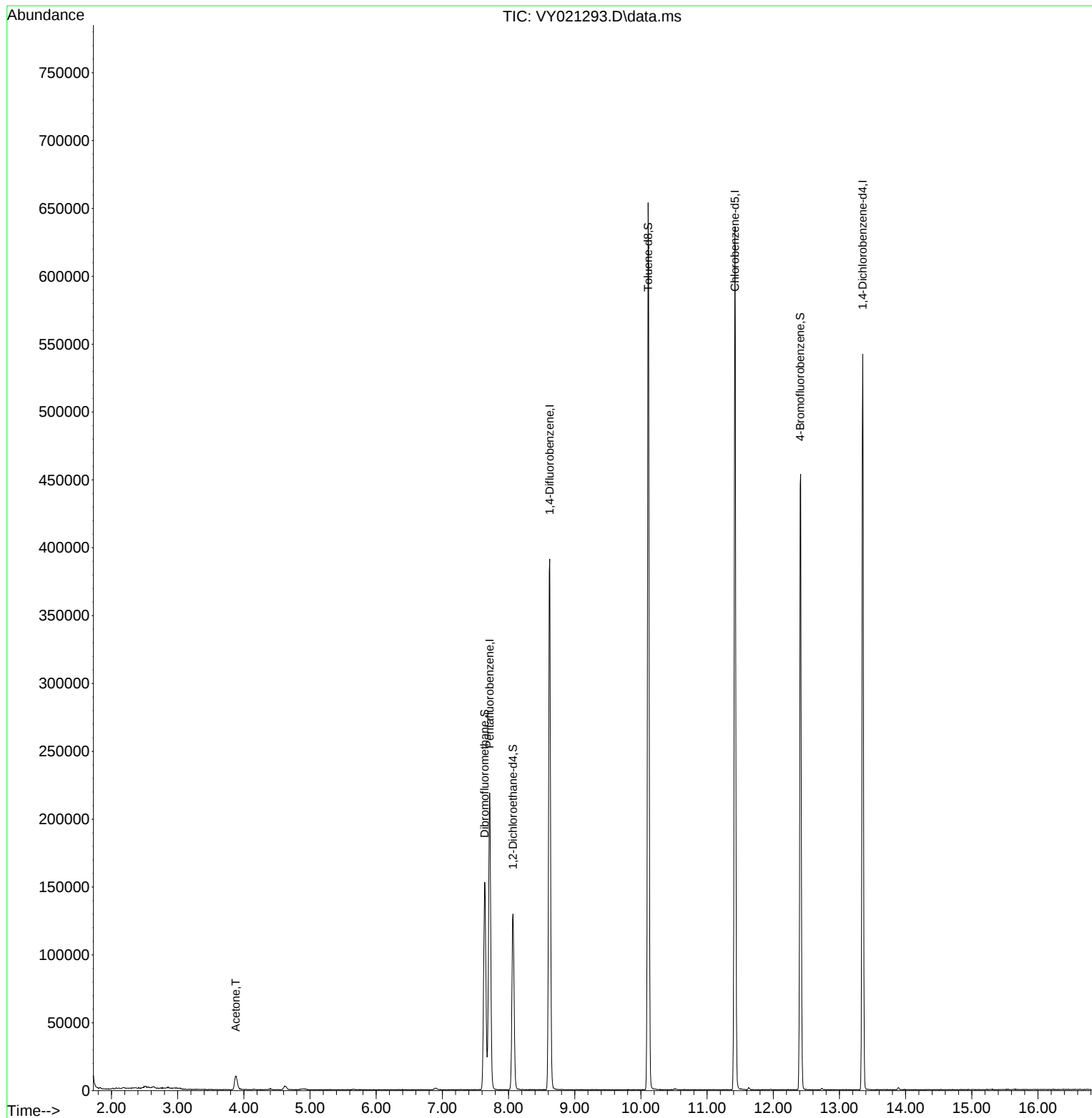
Internal Standards						
1) Pentafluorobenzene	7.713	168	164423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	323654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	310093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	128437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	105861	62.839	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.680%
35) Dibromofluoromethane	7.640	113	105573	50.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.800%
50) Toluene-d8	10.109	98	402179	50.931	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.860%
62) 4-Bromofluorobenzene	12.408	95	131648	51.031	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.060%
Target Compounds						
16) Acetone	3.879	43	19696	74.970	ug/l	Qvalue 94

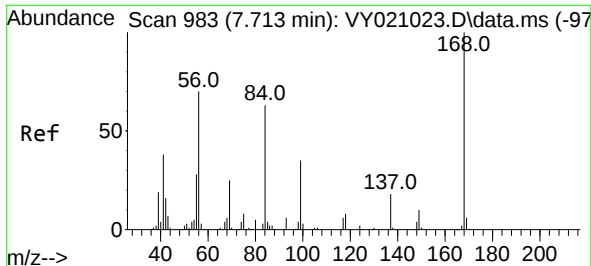
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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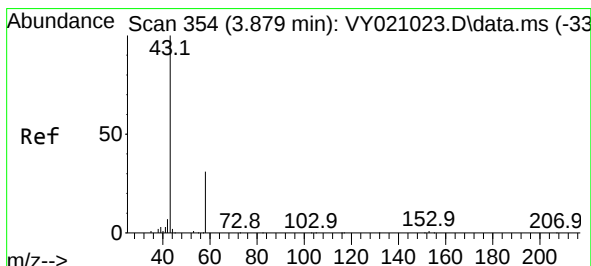
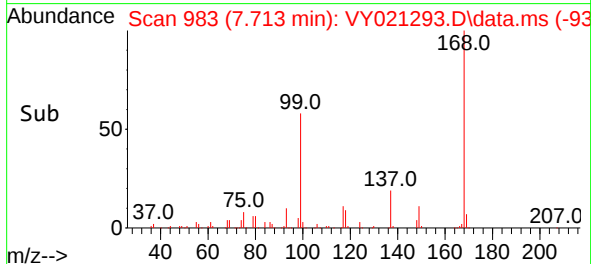
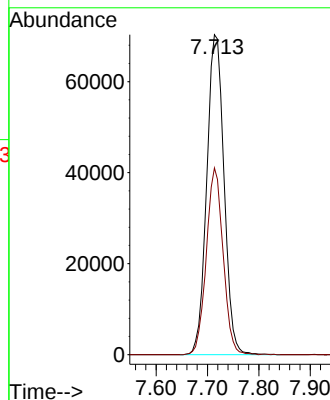
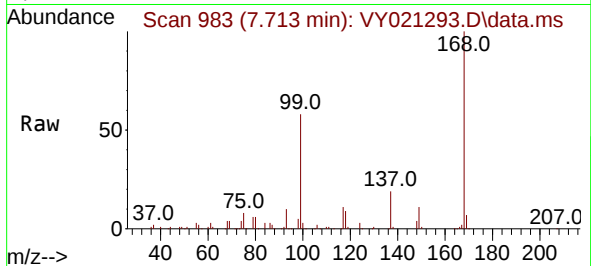




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021293.D
Acq: 21 Feb 2025 18:08

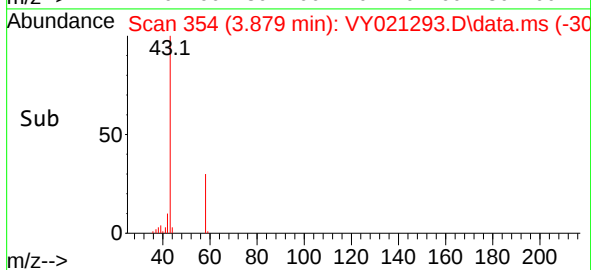
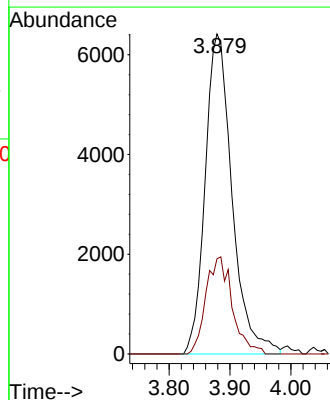
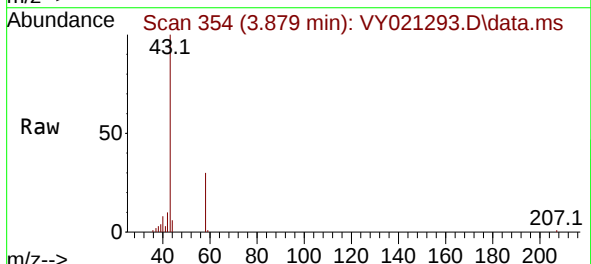
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-07-021725

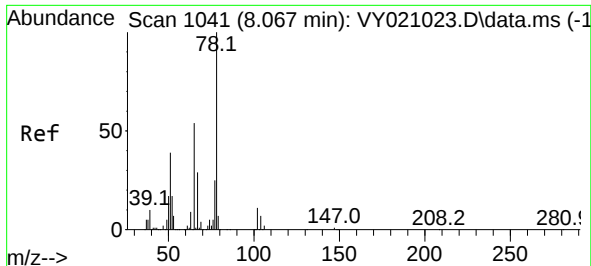
Tgt Ion:168 Resp: 164423
Ion Ratio Lower Upper
168 100
99 58.4 44.2 66.4



#16
Acetone
Concen: 74.970 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021293.D
Acq: 21 Feb 2025 18:08

Tgt Ion: 43 Resp: 19696
Ion Ratio Lower Upper
43 100
58 29.7 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 62.839 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021293.D

Acq: 21 Feb 2025 18:08

Instrument :

MSVOA_Y

ClientSampleId :

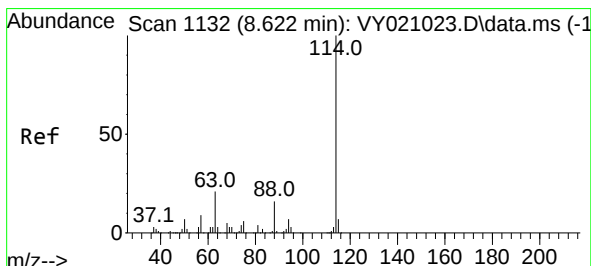
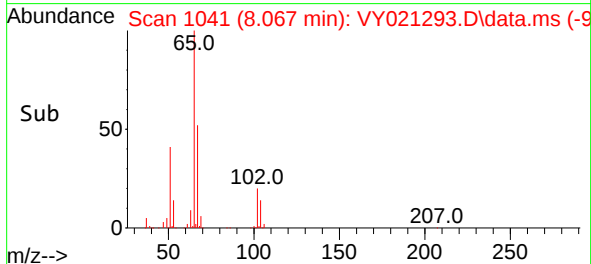
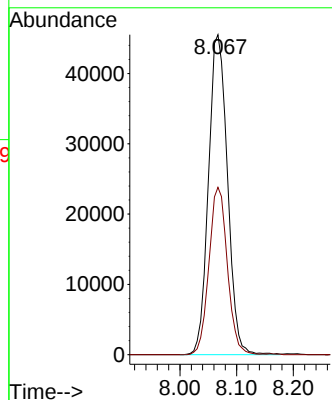
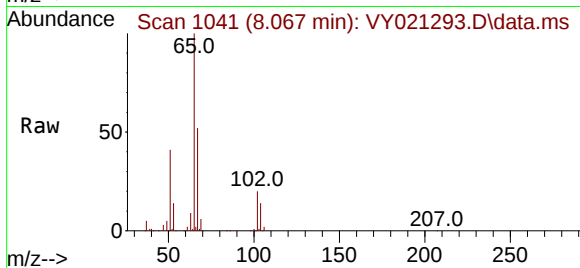
OU4-PCS-TC-07-021725

Tgt Ion: 65 Resp: 105861

Ion Ratio Lower Upper

65 100

67 50.7 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: VY021293.D

Acq: 21 Feb 2025 18:08

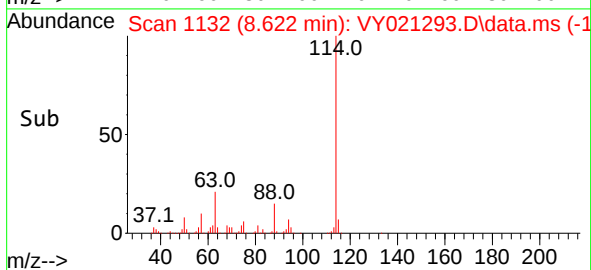
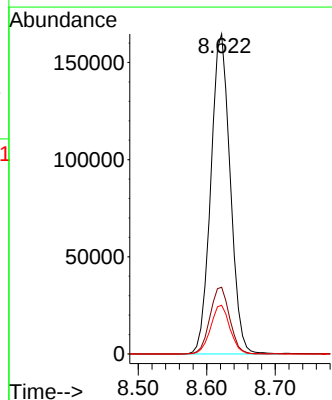
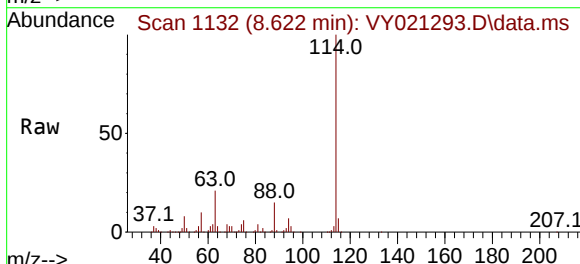
Tgt Ion: 114 Resp: 323654

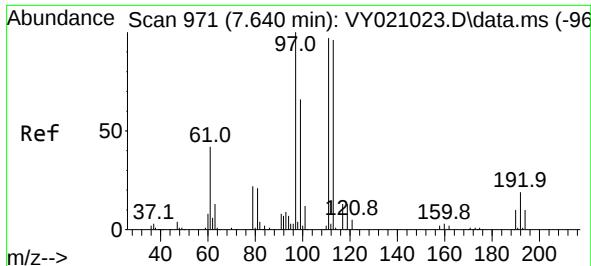
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 15.2 0.0 29.0

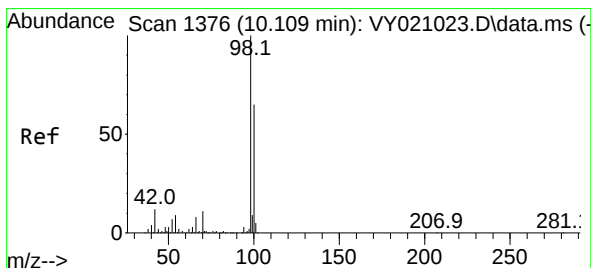
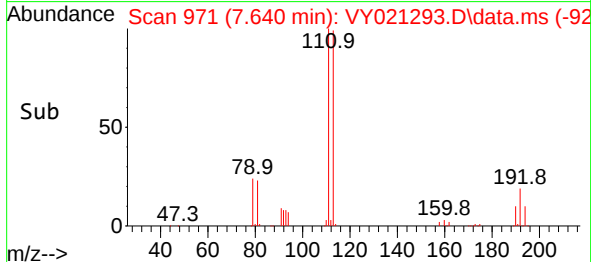
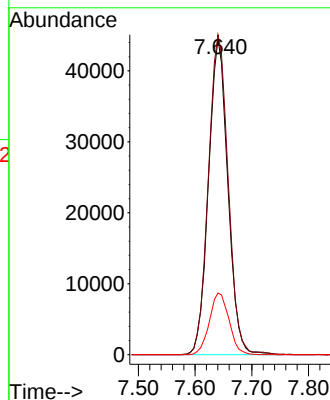
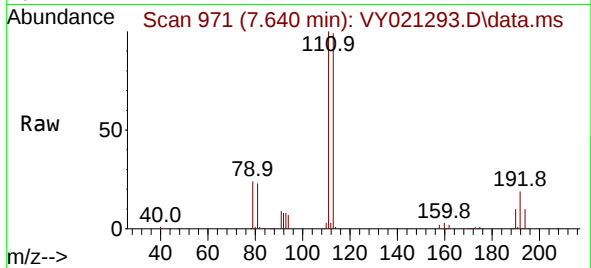




#35
Dibromofluoromethane
Concen: 50.898 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021293.D
Acq: 21 Feb 2025 18:08

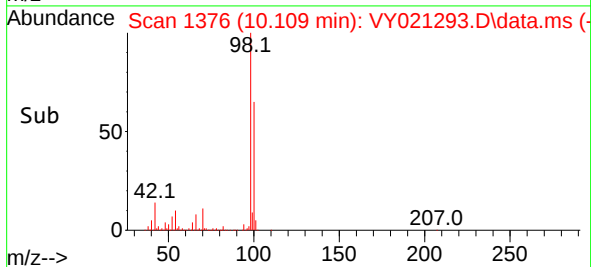
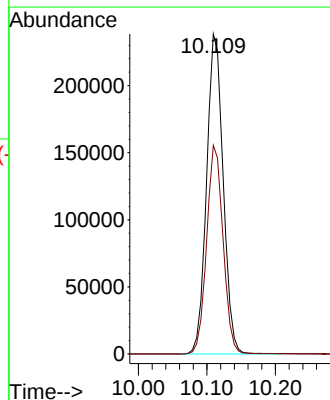
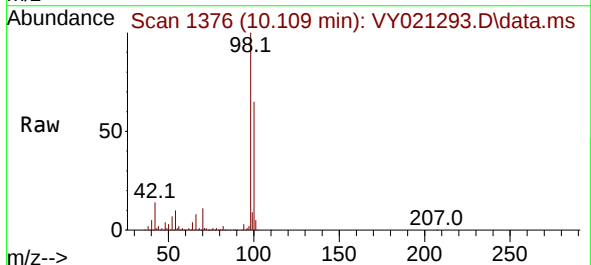
Instrument :
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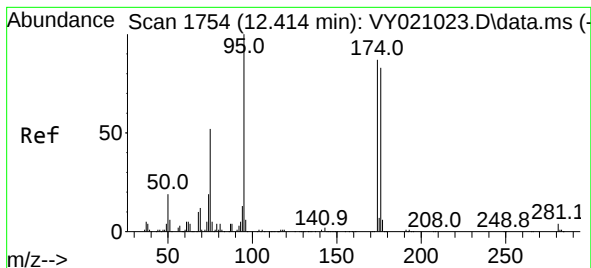
Tgt Ion:113 Resp: 105573
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 19.8 14.5 21.7



#50
Toluene-d8
Concen: 50.931 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021293.D
Acq: 21 Feb 2025 18:08

Tgt Ion: 98 Resp: 402179
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

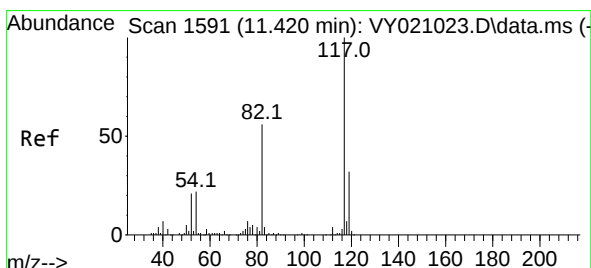
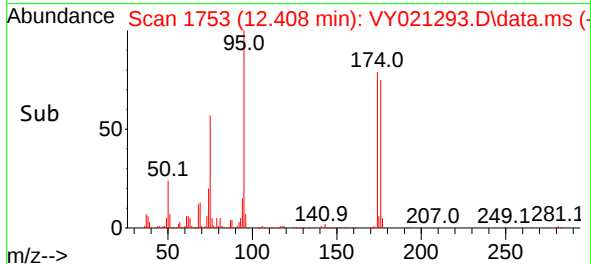
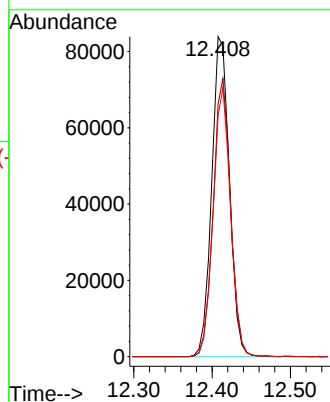
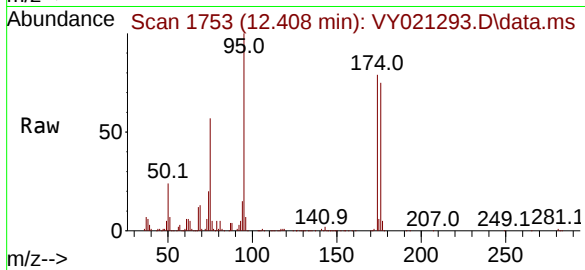




#62
4-Bromofluorobenzene
Concen: 51.031 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021293.D
Acq: 21 Feb 2025 18:08

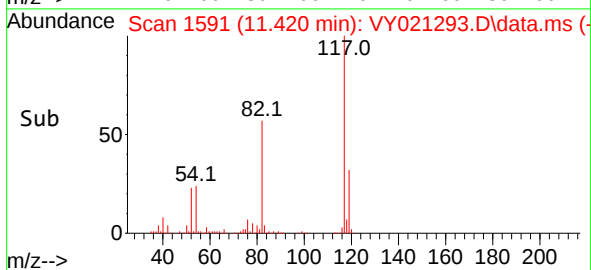
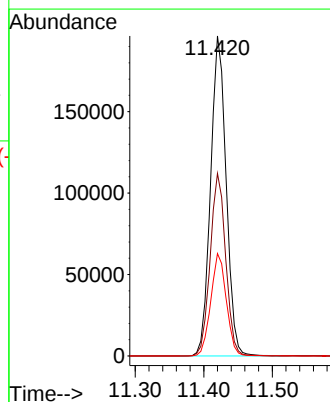
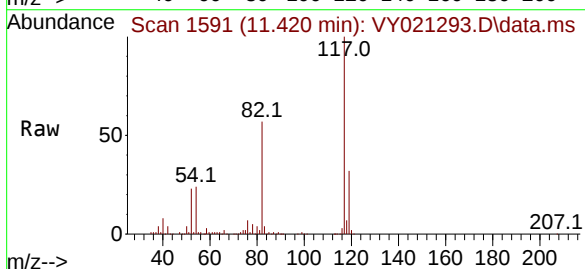
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-07-021725

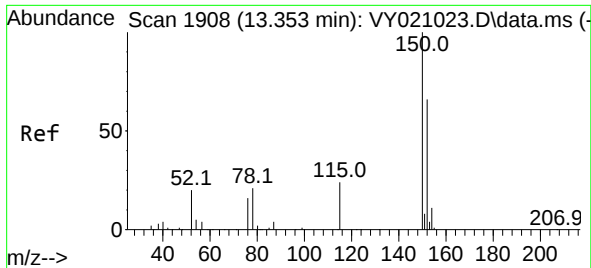
Tgt Ion: 95 Resp: 131648
Ion Ratio Lower Upper
95 100
174 85.3 0.0 160.0
176 82.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021293.D
Acq: 21 Feb 2025 18:08

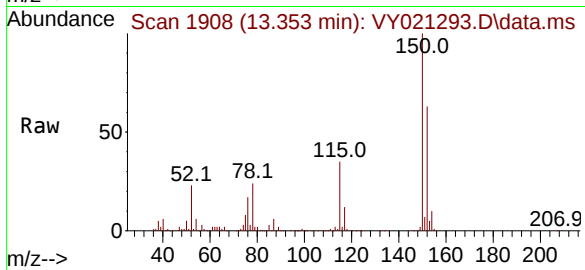
Tgt Ion: 117 Resp: 310093
Ion Ratio Lower Upper
117 100
82 57.0 43.8 65.8
119 32.0 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY021293.D
 Acq: 21 Feb 2025 18:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-07-021725



Tgt Ion:152 Resp: 128437
 Ion Ratio Lower Upper
 152 100
 115 57.6 30.0 90.0
 150 158.0 0.0 344.6

