

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020625\
 Data File : VY021126.D
 Acq On : 06 Feb 2025 21:02
 Operator : SY/MD
 Sample : Q1299-07
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC

Quant Time: Feb 07 02:38:19 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)

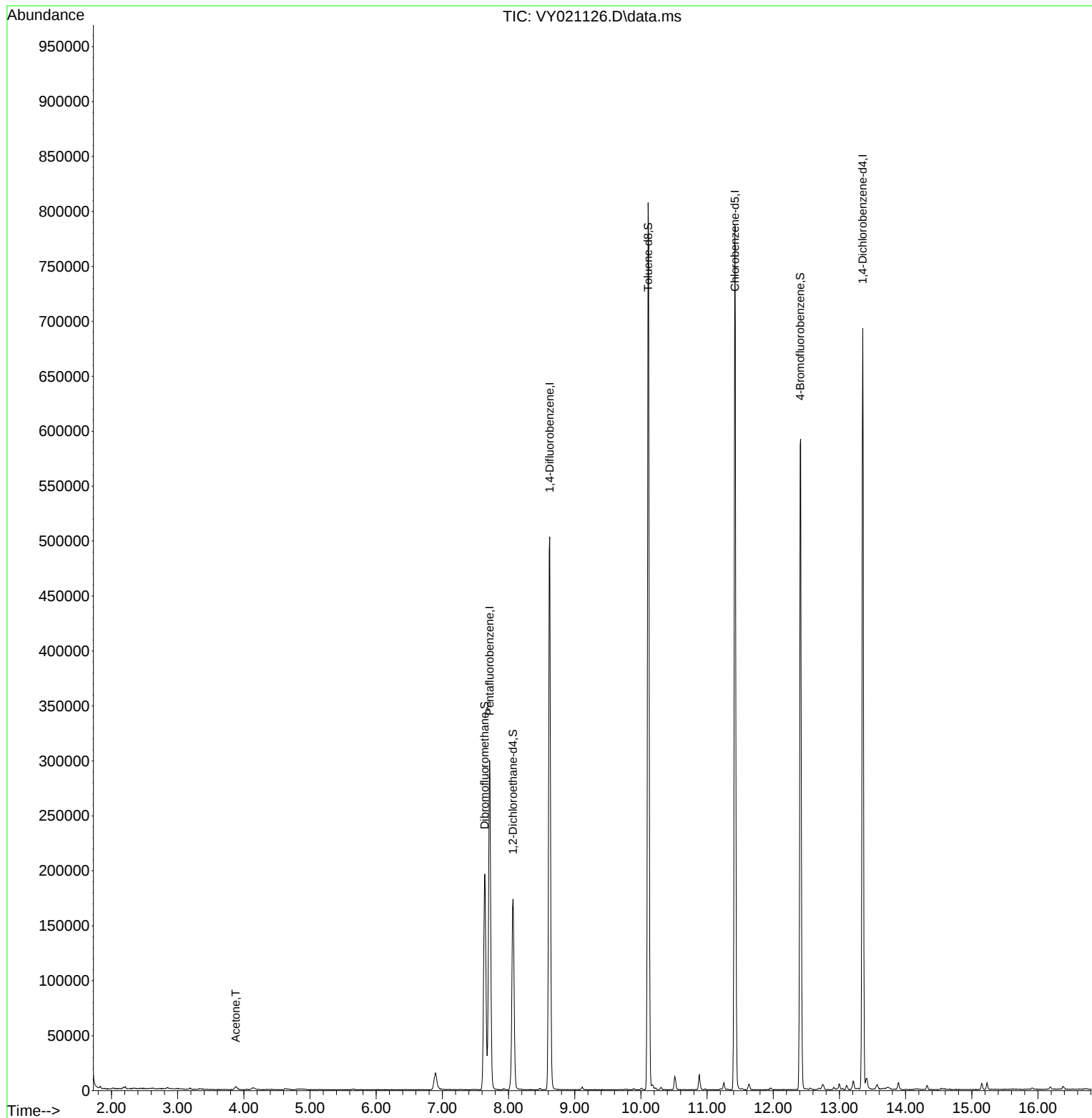
Internal Standards						
1) Pentafluorobenzene	7.713	168	227448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	423672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	399507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	168588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	138312	59.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.700%	
35) Dibromofluoromethane	7.640	113	140367	51.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.400%	
50) Toluene-d8	10.109	98	516998	50.015	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	12.408	95	179242	53.077	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.160%	
Target Compounds						
16) Acetone	3.879	43	5210	14.336	ug/l	Qvalue 97

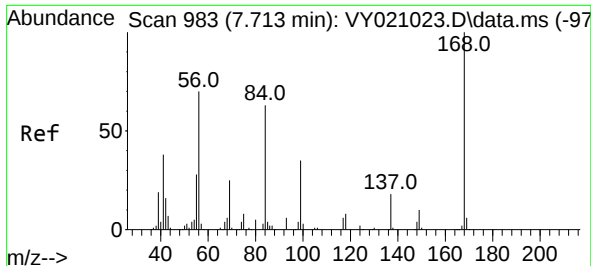
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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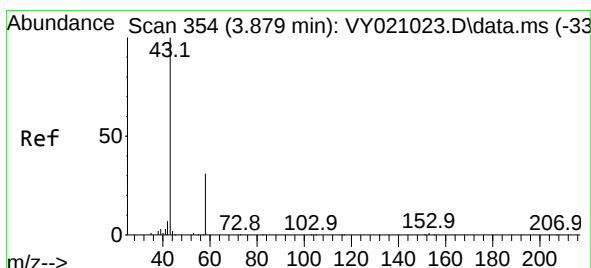
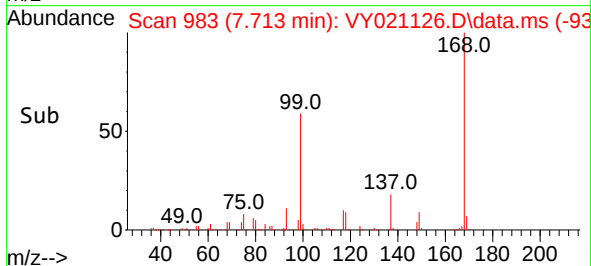
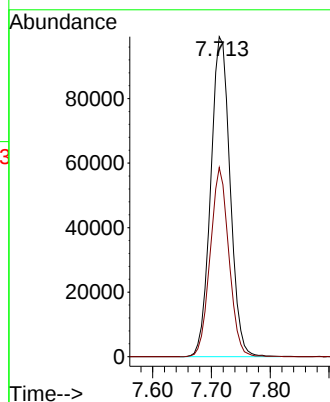
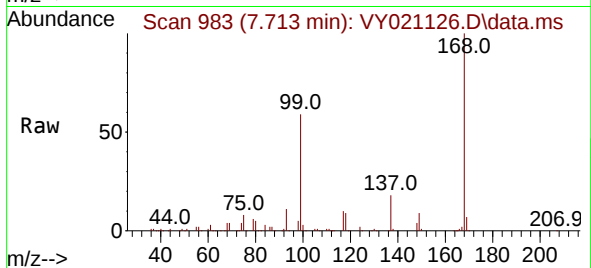




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02

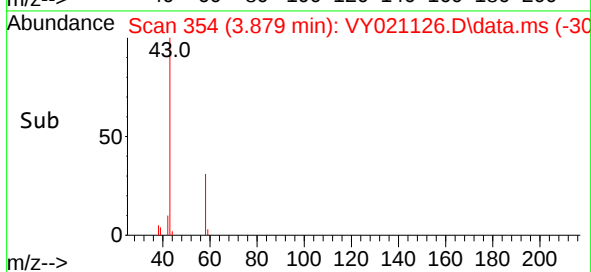
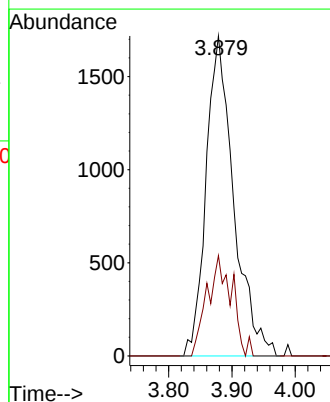
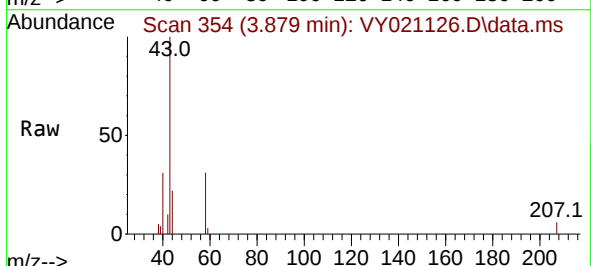
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

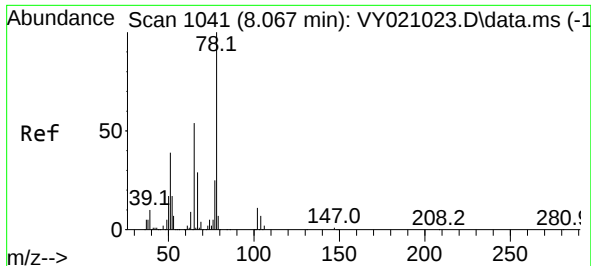
Tgt Ion:168 Resp: 227448
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#16
Acetone
Concen: 14.336 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02

Tgt Ion: 43 Resp: 5210
Ion Ratio Lower Upper
43 100
58 31.3 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 59.351 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. -0.000 min

Lab File: VY021126.D

Acq: 06 Feb 2025 21:02

Instrument :

MSVOA_Y

ClientSampleId :

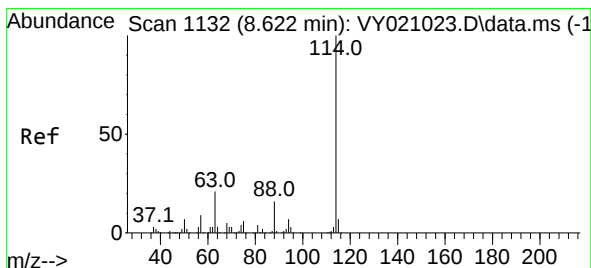
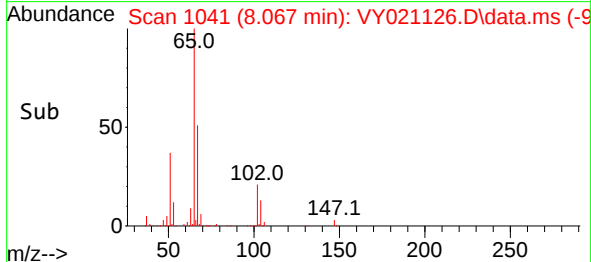
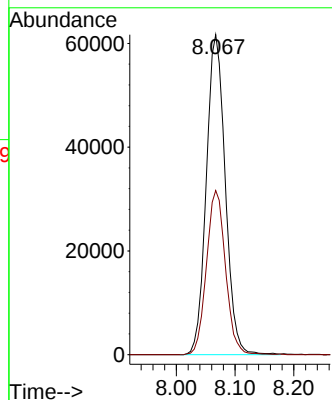
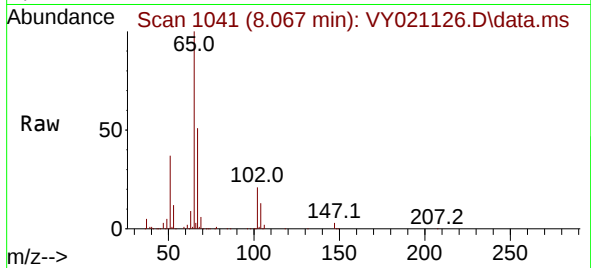
WC-2-VOC

Tgt Ion: 65 Resp: 138312

Ion Ratio Lower Upper

65 100

67 51.5 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: VY021126.D

Acq: 06 Feb 2025 21:02

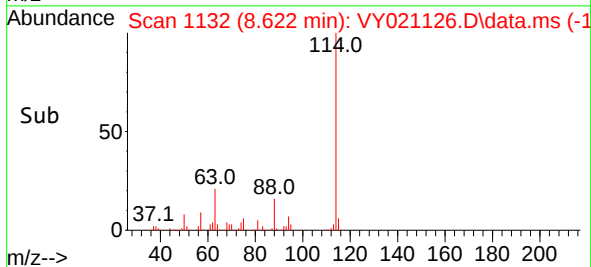
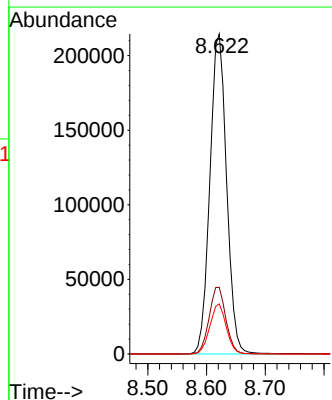
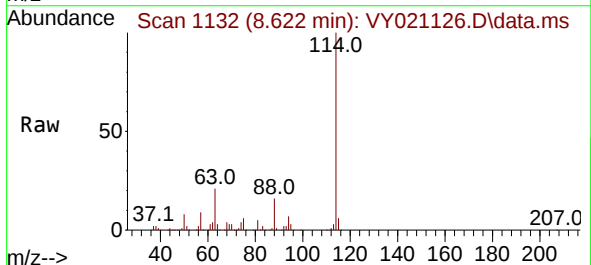
Tgt Ion: 114 Resp: 423672

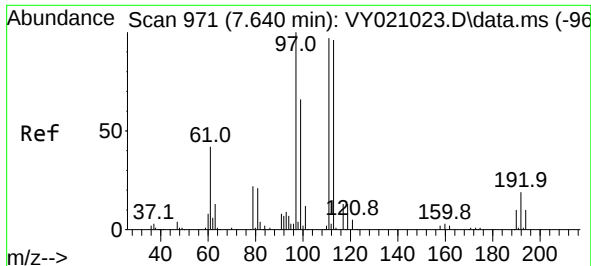
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 15.7 0.0 29.0

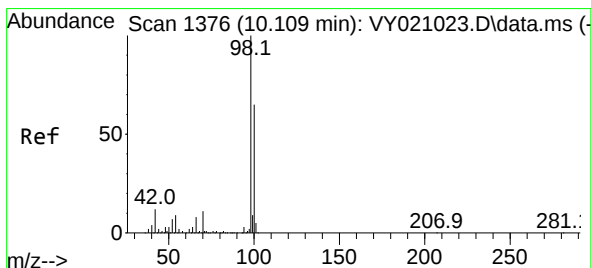
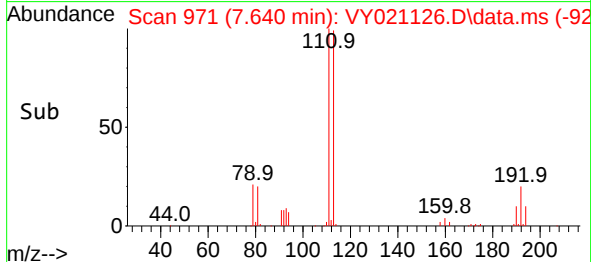
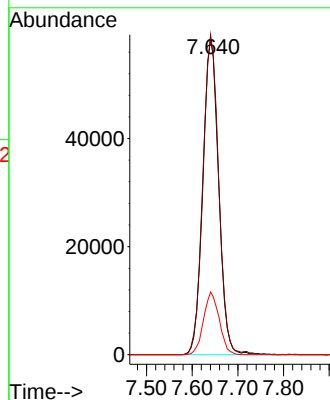
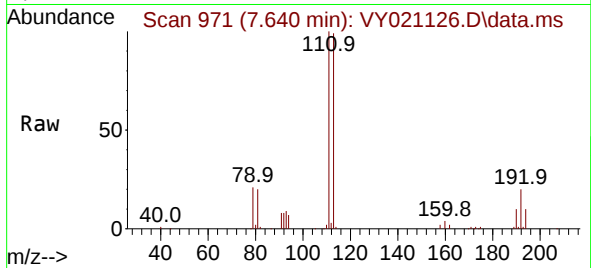




#35
Dibromofluoromethane
Concen: 51.697 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02

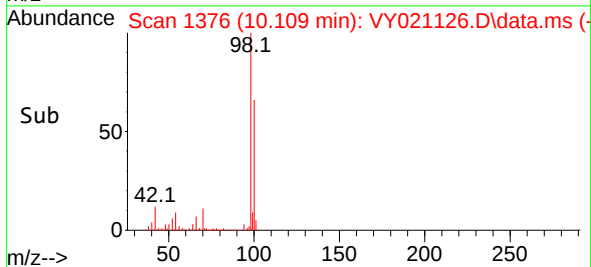
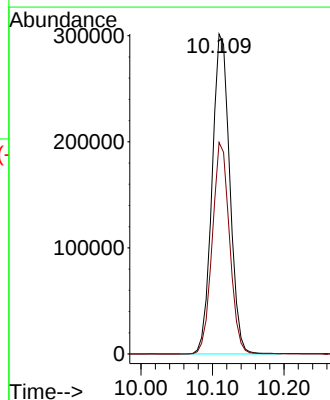
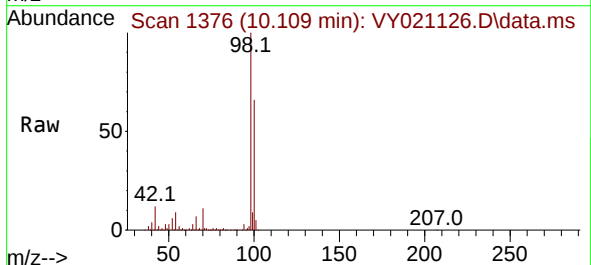
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

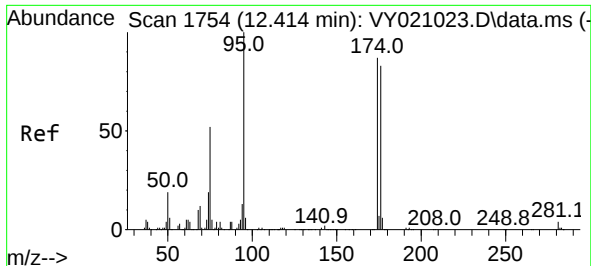
Tgt Ion:113 Resp: 140367
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 19.7 14.5 21.7



#50
Toluene-d8
Concen: 50.015 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02

Tgt Ion: 98 Resp: 516998
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

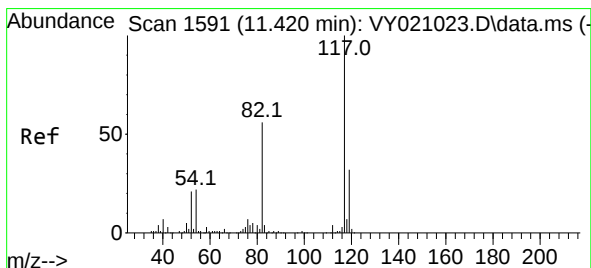
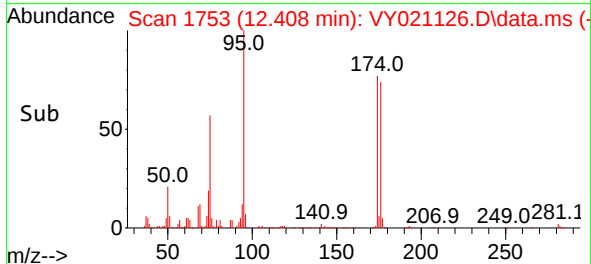
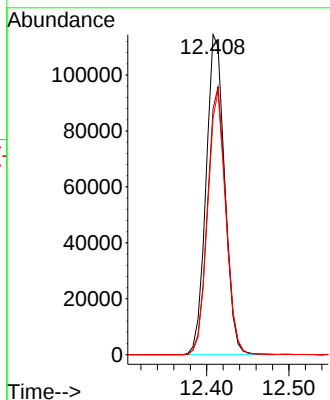
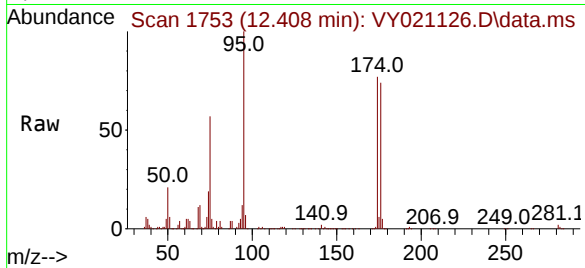




#62
4-Bromofluorobenzene
Concen: 53.077 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02

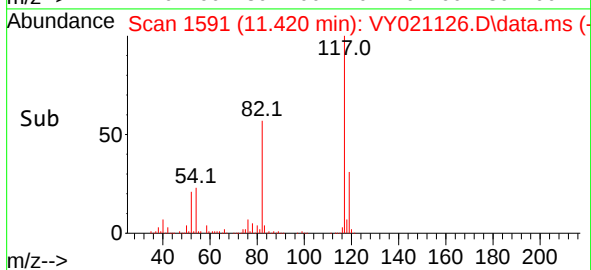
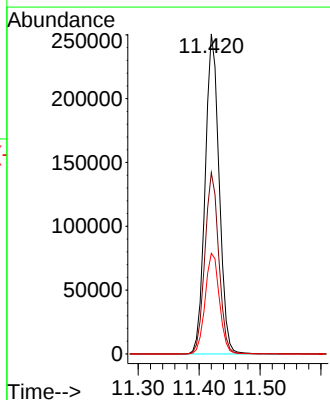
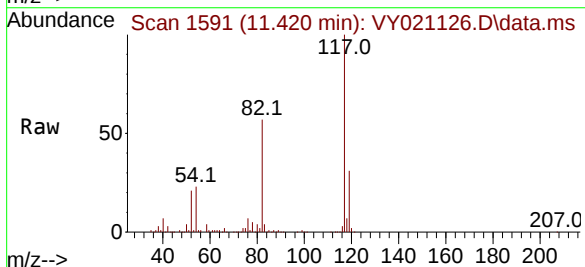
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-VOC

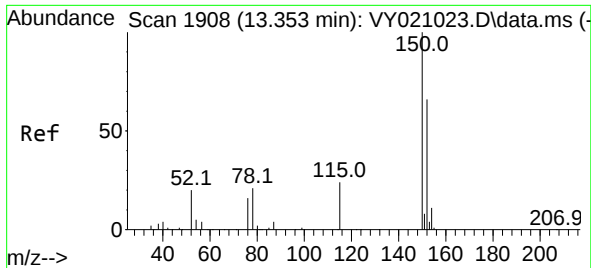
Tgt Ion: 95 Resp: 179242
Ion Ratio Lower Upper
95 100
174 83.2 0.0 160.0
176 80.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021126.D
Acq: 06 Feb 2025 21:02

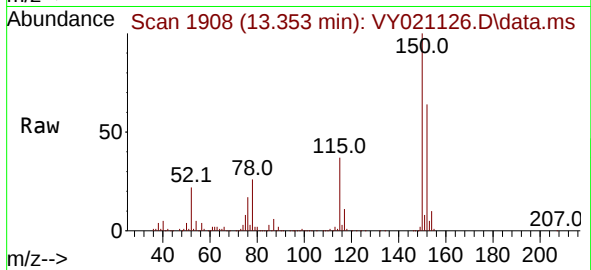
Tgt Ion: 117 Resp: 399507
Ion Ratio Lower Upper
117 100
82 56.7 43.8 65.8
119 31.5 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY021126.D
 Acq: 06 Feb 2025 21:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-VOC



Tgt Ion:152 Resp: 168588
 Ion Ratio Lower Upper
 152 100
 115 59.0 30.0 90.0
 150 157.7 0.0 344.6

