

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021736.D
 Acq On : 01 Apr 2025 12:59
 Operator : SY/MD
 Sample : Q1680-03
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-VOC

Quant Time: Apr 02 03:22:53 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)

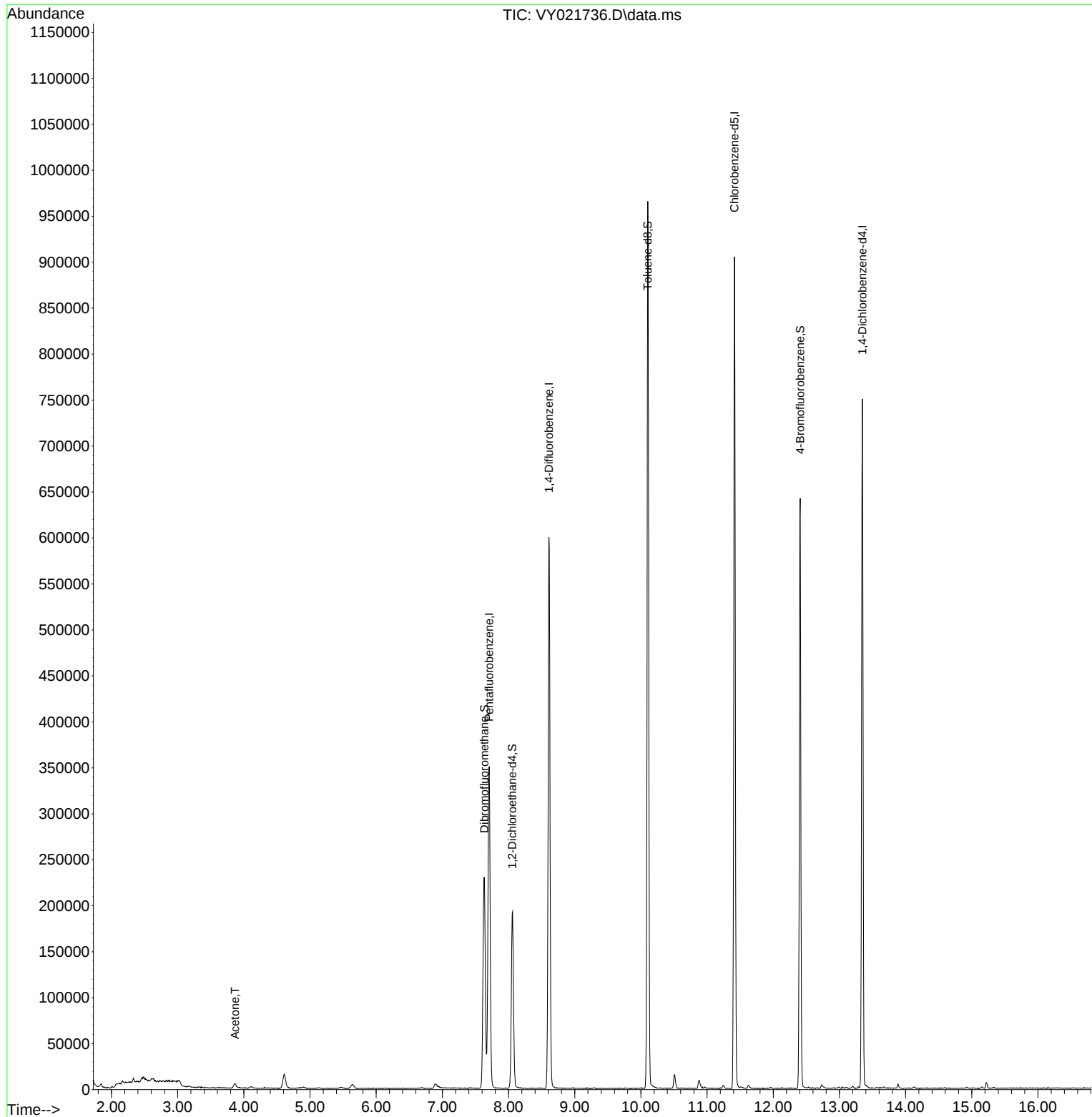
Internal Standards						
1) Pentafluorobenzene	7.707	168	266915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	501844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	458795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	186419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	150512	52.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.100%	
35) Dibromofluoromethane	7.634	113	165196	50.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.500%	
50) Toluene-d8	10.103	98	606288	48.956	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	12.408	95	193272	46.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.280%	
Target Compounds						Qvalue
16) Acetone	3.866	43	8390	14.175	ug/l	98

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

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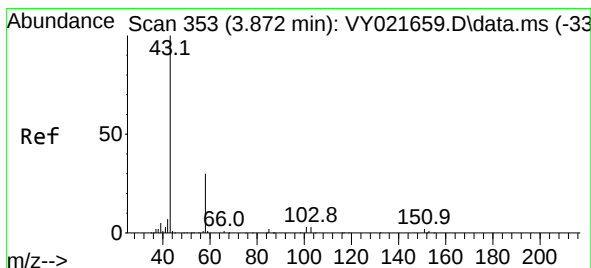
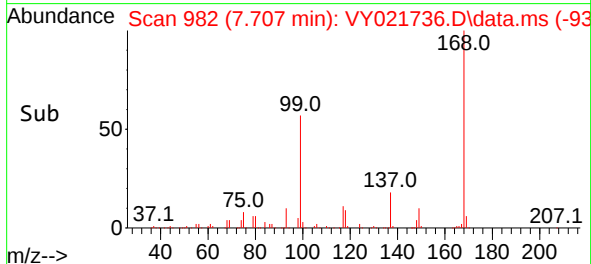
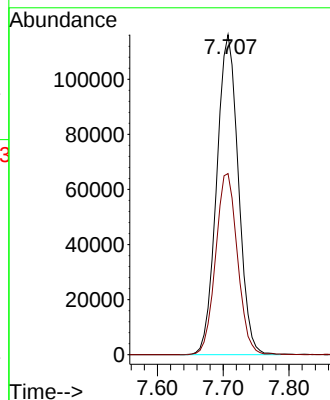
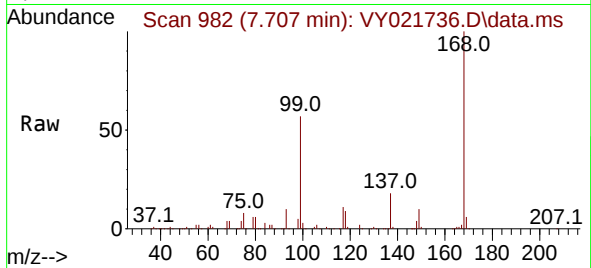




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021736.D
Acq: 01 Apr 2025 12:59

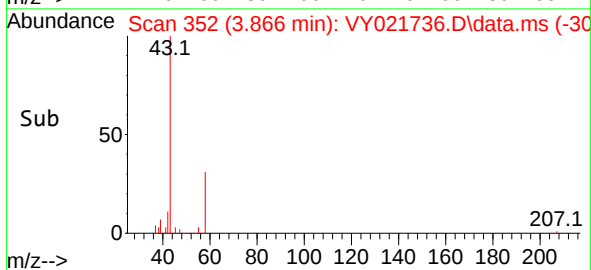
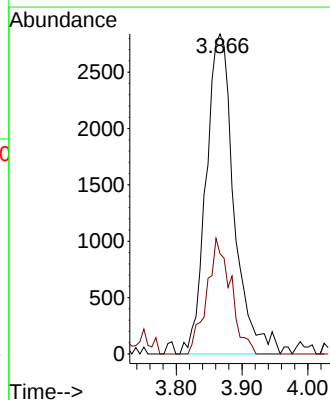
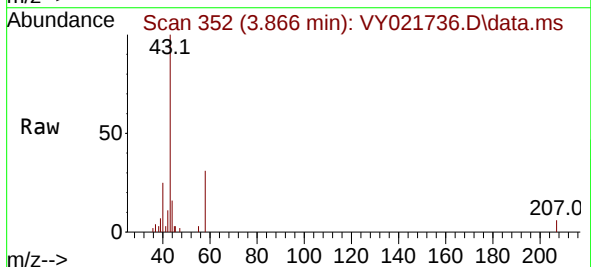
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-VOC

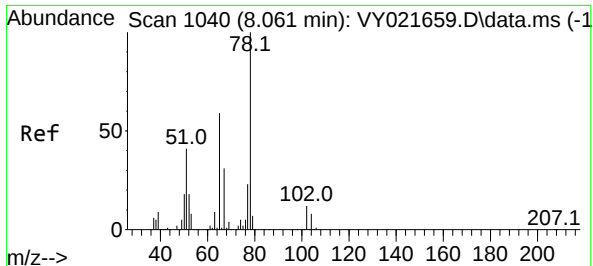
Tgt Ion:168 Resp: 266915
Ion Ratio Lower Upper
168 100
99 56.6 46.7 70.1



#16
Acetone
Concen: 14.175 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021736.D
Acq: 01 Apr 2025 12:59

Tgt Ion: 43 Resp: 8390
Ion Ratio Lower Upper
43 100
58 31.3 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 52.045 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021736.D

Acq: 01 Apr 2025 12:59

Instrument :

MSVOA_Y

ClientSampleId :

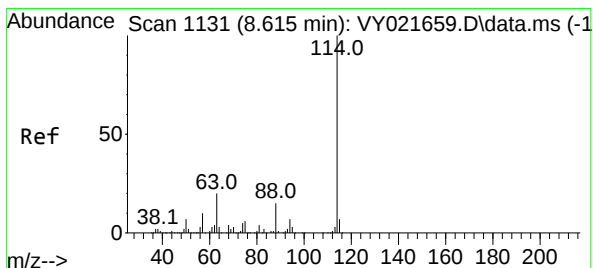
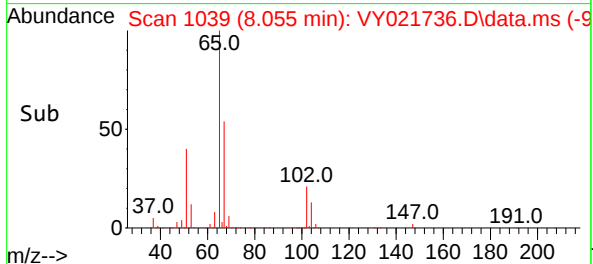
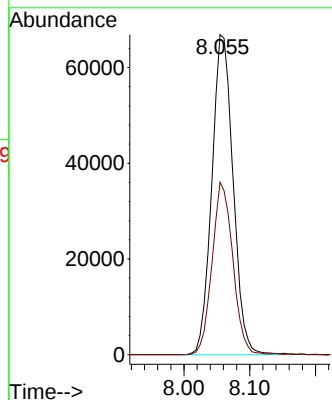
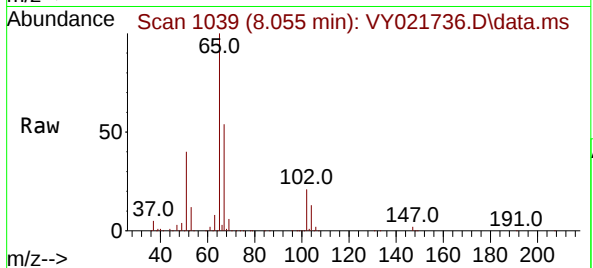
TP-4-VOC

Tgt Ion: 65 Resp: 150512

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY021736.D

Acq: 01 Apr 2025 12:59

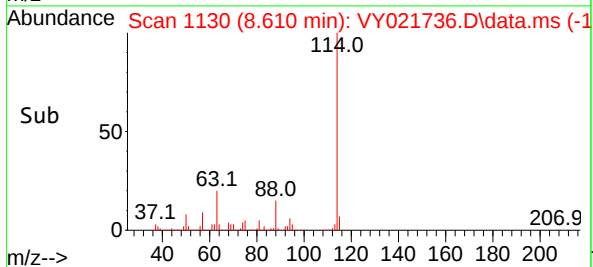
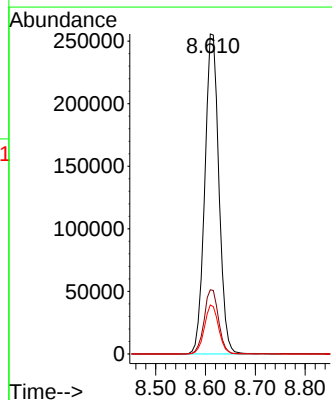
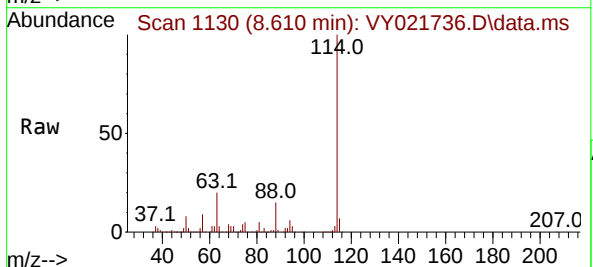
Tgt Ion: 114 Resp: 501844

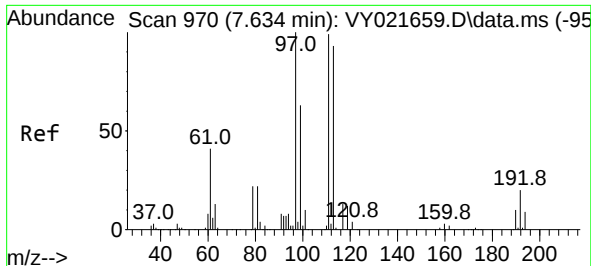
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.3 0.0 29.8

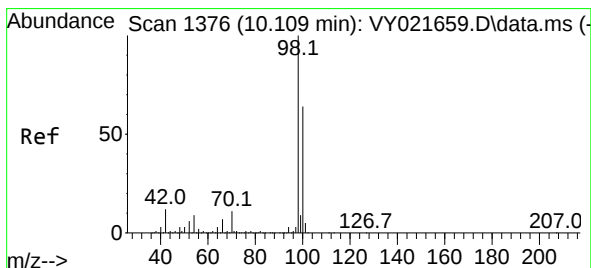
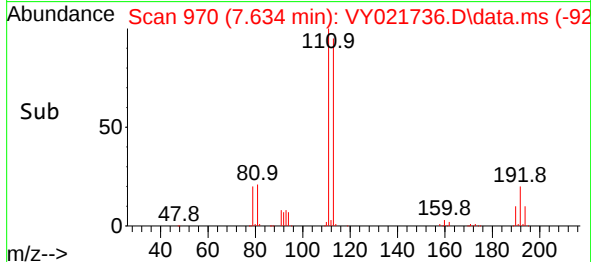
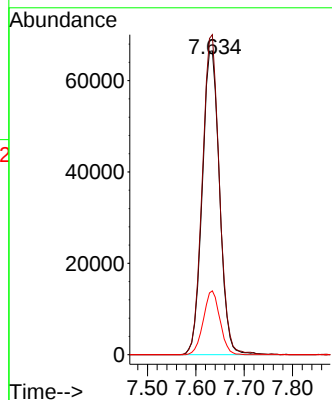
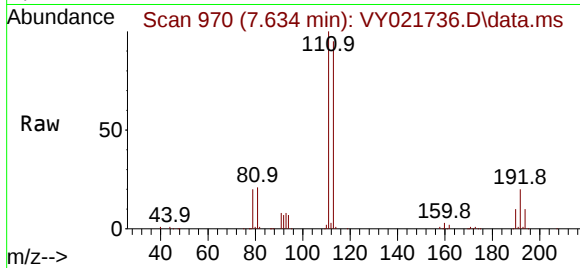




#35
Dibromofluoromethane
Concen: 50.746 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021736.D
Acq: 01 Apr 2025 12:59

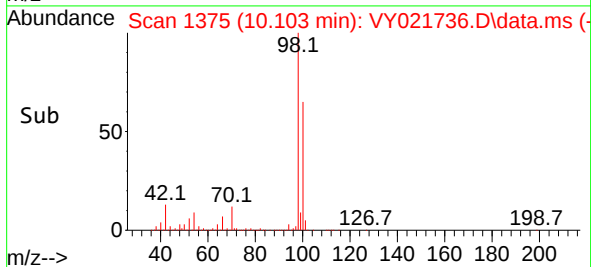
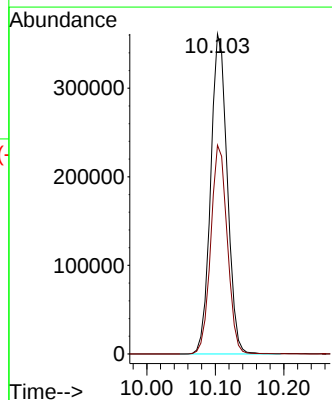
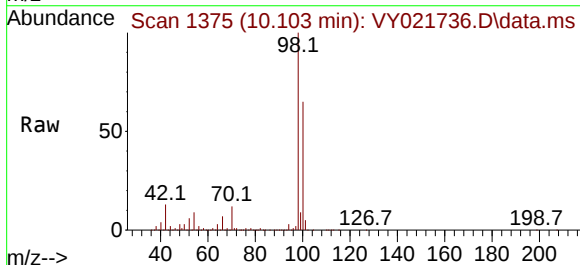
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-VOC

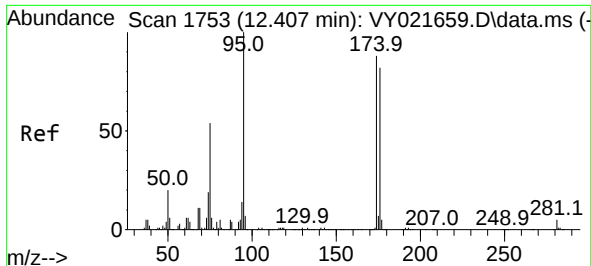
Tgt Ion:113 Resp: 165196
Ion Ratio Lower Upper
113 100
111 103.8 82.6 123.8
192 20.1 16.2 24.4



#50
Toluene-d8
Concen: 48.956 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021736.D
Acq: 01 Apr 2025 12:59

Tgt Ion: 98 Resp: 606288
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1

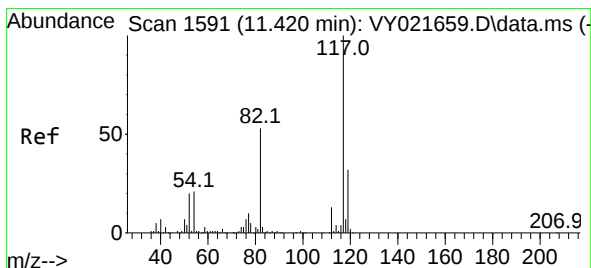
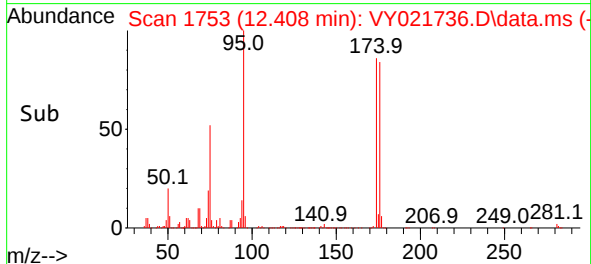
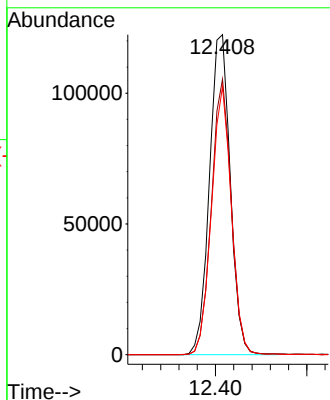
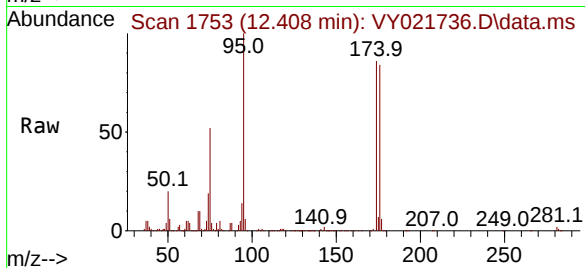




#62
4-Bromofluorobenzene
Concen: 46.138 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021736.D
Acq: 01 Apr 2025 12:59

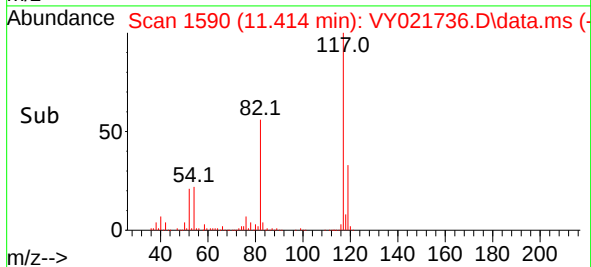
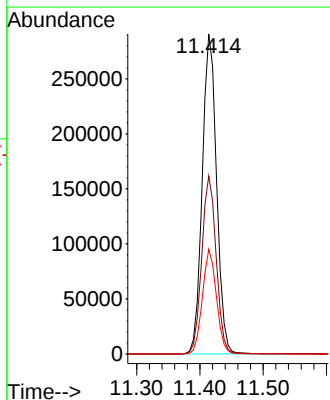
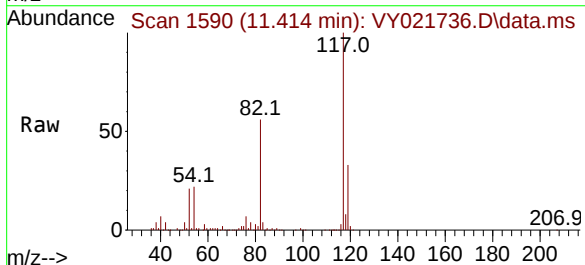
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-VOC

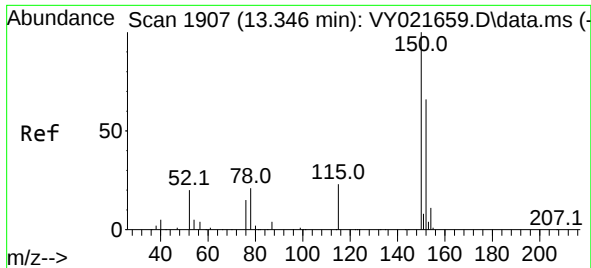
Tgt Ion: 95 Resp: 193272
Ion Ratio Lower Upper
95 100
174 82.3 0.0 170.8
176 79.9 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021736.D
Acq: 01 Apr 2025 12:59

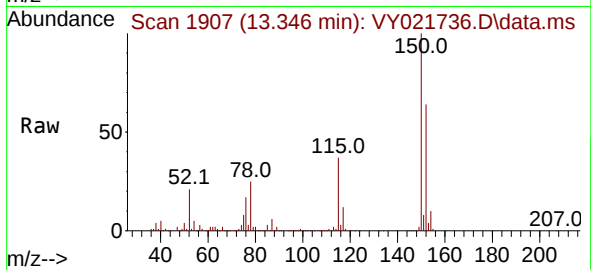
Tgt Ion: 117 Resp: 458795
Ion Ratio Lower Upper
117 100
82 55.7 42.8 64.2
119 32.7 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021736.D
 Acq: 01 Apr 2025 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-VOC



Tgt Ion:152 Resp: 186419
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.8 86.5
 150 155.4 0.0 348.4

