

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021854.D
 Acq On : 11 Apr 2025 13:10
 Operator : SY/MD
 Sample : Q1756-03
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9-VOC

Quant Time: Apr 12 02:48:01 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)

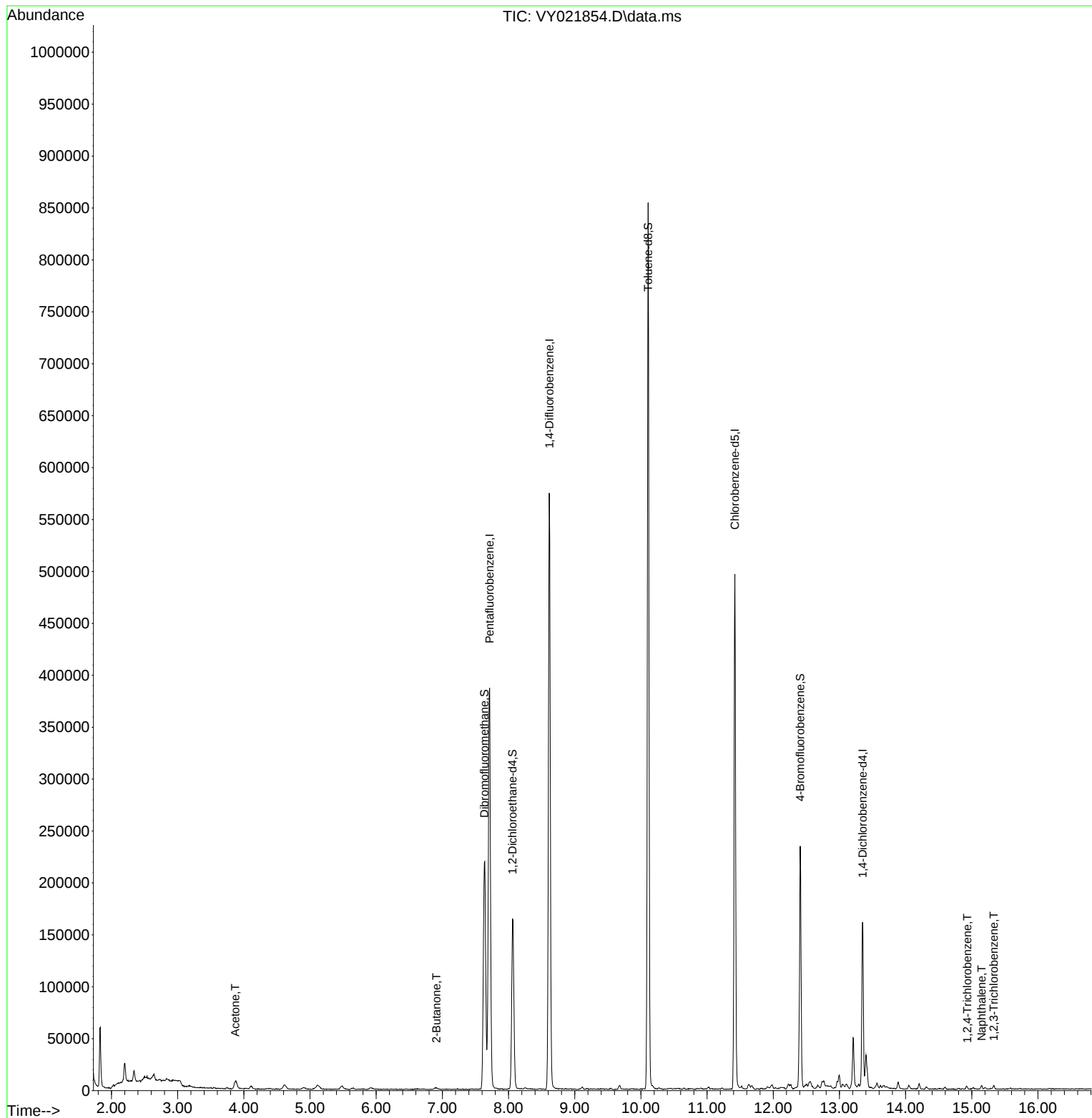
Internal Standards						
1) Pentafluorobenzene	7.713	168	297872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	483760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	260894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	42598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	132739	41.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.260%
35) Dibromofluoromethane	7.634	113	158192	50.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.820%
50) Toluene-d8	10.109	98	529655	44.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.740%
62) 4-Bromofluorobenzene	12.408	95	67498	16.715	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	33.440%
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	14160	21.438	ug/l	92
25) 2-Butanone	6.909	43	2522	2.673	ug/l #	83
93) 1,2,4-Trichlorobenzene	14.932	180	1003	1.420	ug/l	89
95) Naphthalene	15.151	128	2950	2.519	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.334	180	887	1.472	ug/l	90

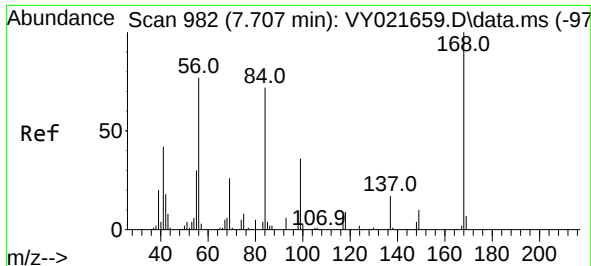
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
Data File : VY021854.D
Acq On : 11 Apr 2025 13:10
Operator : SY/MD
Sample : Q1756-03
Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-9-VOC

Quant Time: Apr 12 02:48:01 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

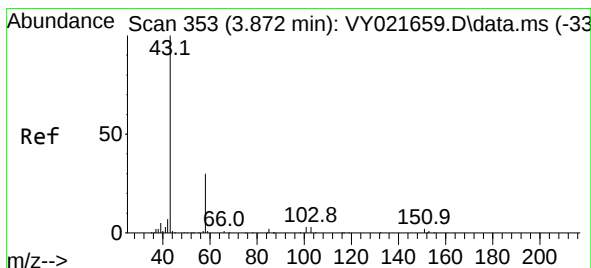
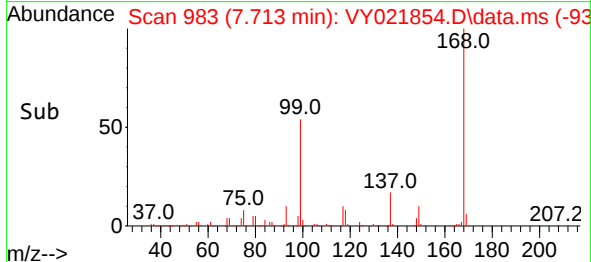
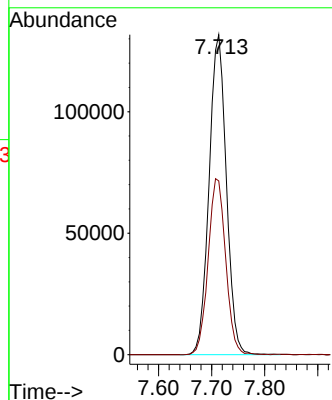
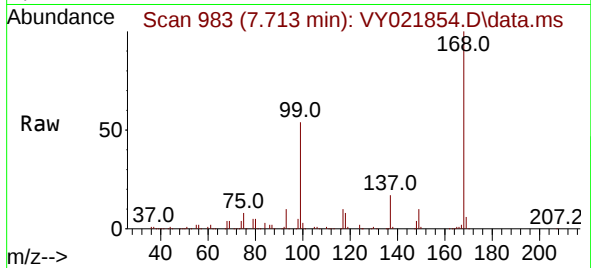




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021854.D
Acq: 11 Apr 2025 13:10

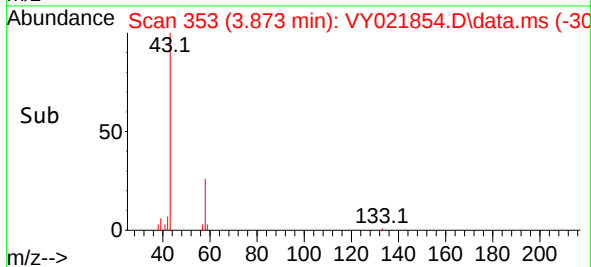
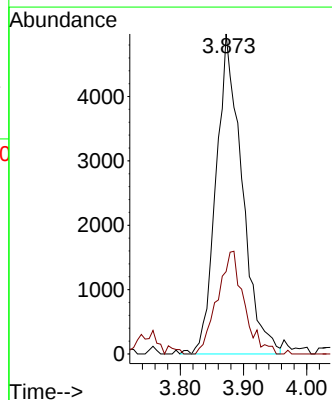
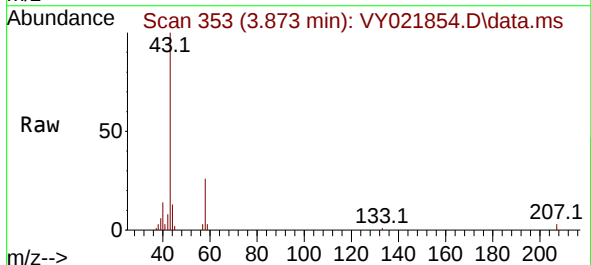
Instrument :
MSVOA_Y
ClientSampleId :
TP-9-VOC

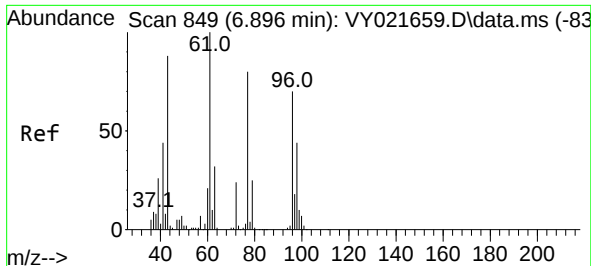
Tgt Ion:168 Resp: 297872
Ion Ratio Lower Upper
168 100
99 54.3 46.7 70.1



#16
Acetone
Concen: 21.438 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021854.D
Acq: 11 Apr 2025 13:10

Tgt Ion: 43 Resp: 14160
Ion Ratio Lower Upper
43 100
58 25.7 24.2 36.4





#25

2-Butanone

Concen: 2.673 ug/l

RT: 6.909 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY021854.D

Acq: 11 Apr 2025 13:10

Instrument :

MSVOA_Y

ClientSampleId :

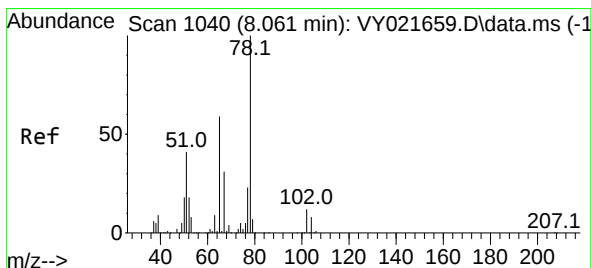
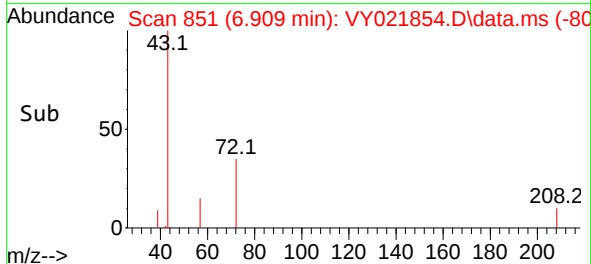
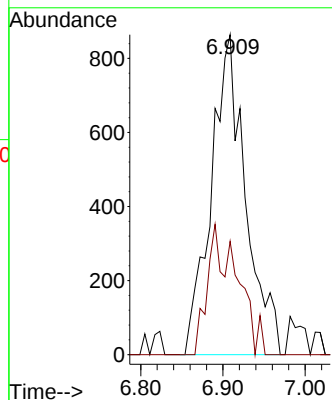
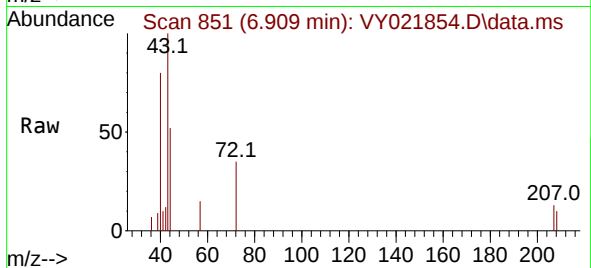
TP-9-VOC

Tgt Ion: 43 Resp: 2522

Ion Ratio Lower Upper

43 100

72 35.4 21.4 32.2#



#33

1,2-Dichloroethane-d4

Concen: 41.129 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021854.D

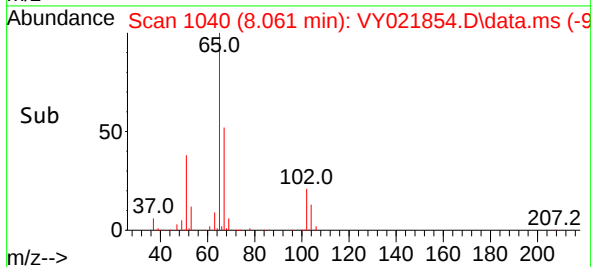
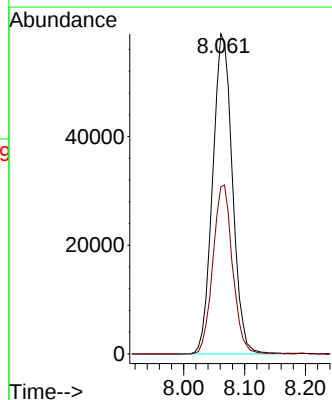
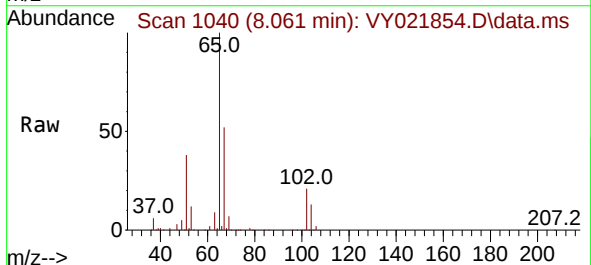
Acq: 11 Apr 2025 13:10

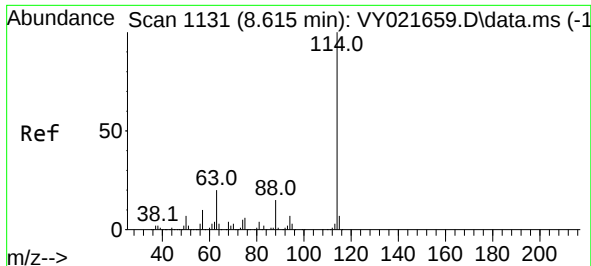
Tgt Ion: 65 Resp: 132739

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6

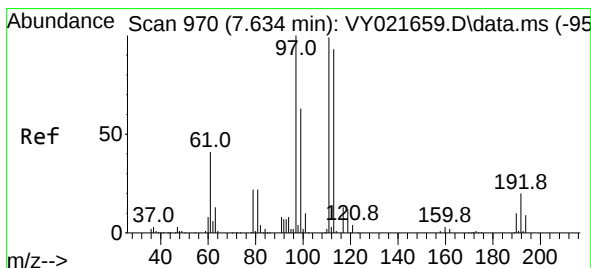
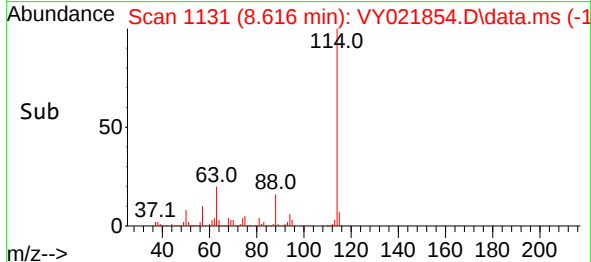
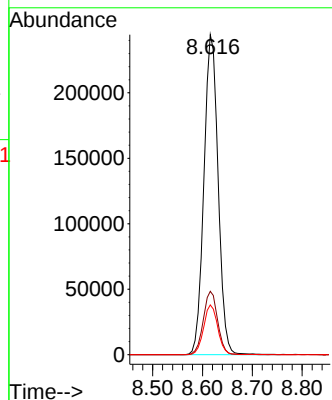
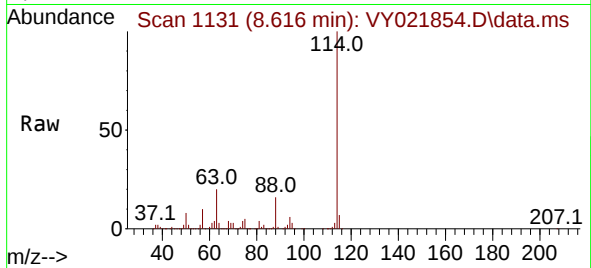




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021854.D
 Acq: 11 Apr 2025 13:10

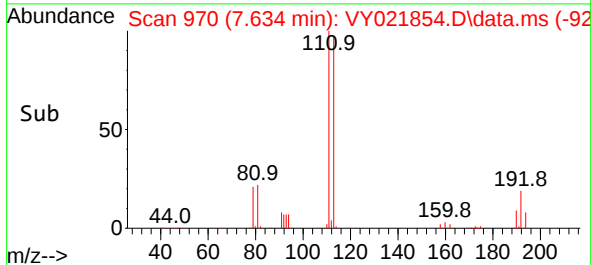
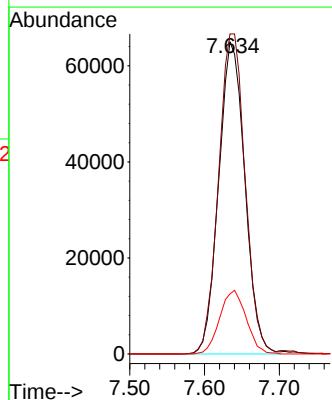
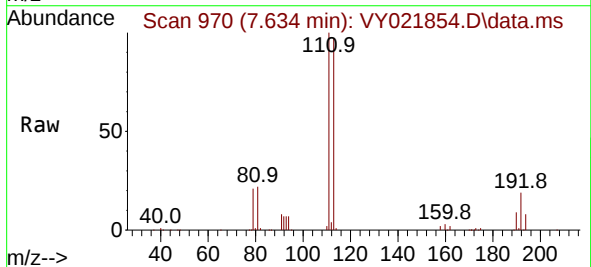
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9-VOC

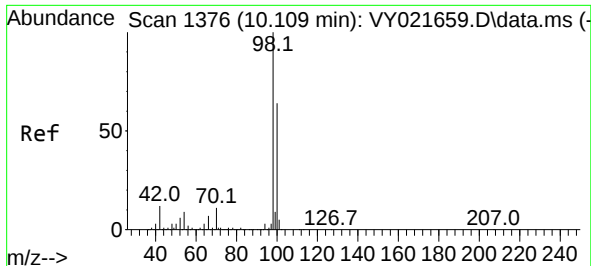
Tgt Ion:114 Resp: 483760
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.2
 88 15.6 0.0 29.8



#35
 Dibromofluoromethane
 Concen: 50.411 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY021854.D
 Acq: 11 Apr 2025 13:10

Tgt Ion:113 Resp: 158192
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.6 123.8
 192 20.7 16.2 24.4

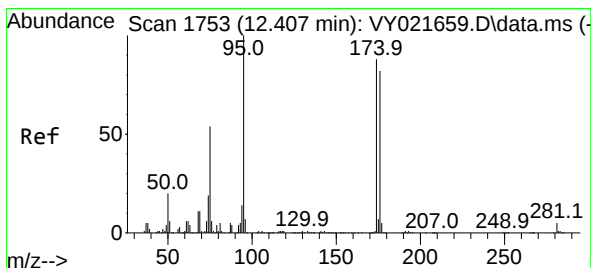
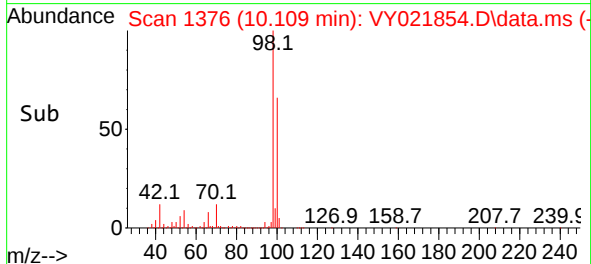
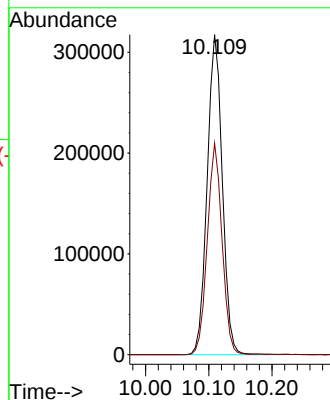
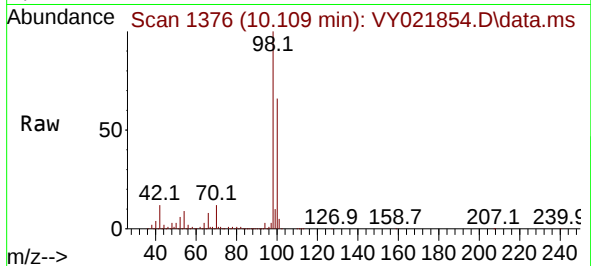




#50
Toluene-d8
Concen: 44.367 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021854.D
Acq: 11 Apr 2025 13:10

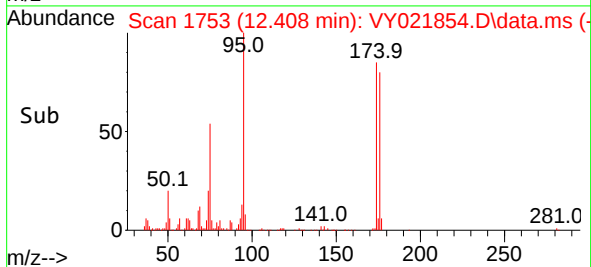
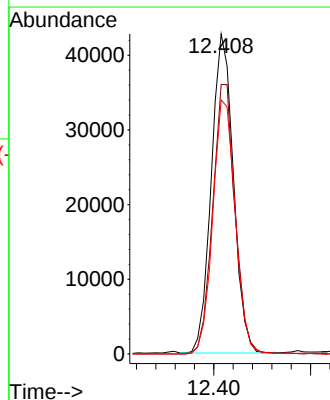
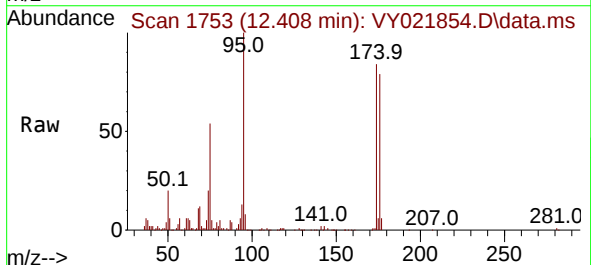
Instrument :
MSVOA_Y
ClientSampleId :
TP-9-VOC

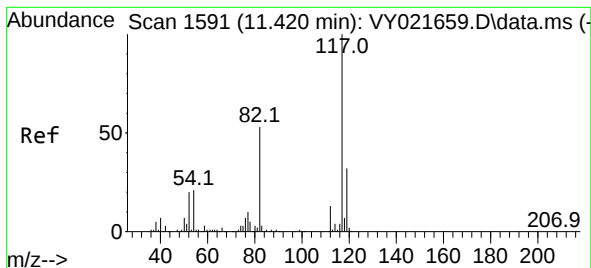
Tgt Ion: 98 Resp: 529655
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 16.715 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021854.D
Acq: 11 Apr 2025 13:10

Tgt Ion: 95 Resp: 67498
Ion Ratio Lower Upper
95 100
174 85.8 0.0 170.8
176 81.4 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021854.D

Acq: 11 Apr 2025 13:10

Instrument :

MSVOA_Y

ClientSampleId :

TP-9-VOC

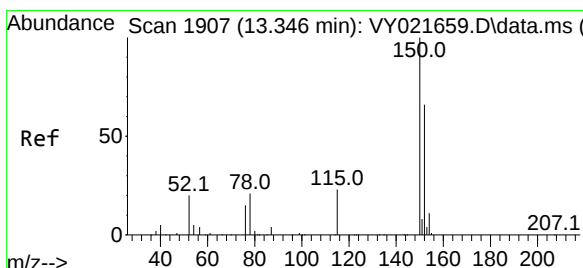
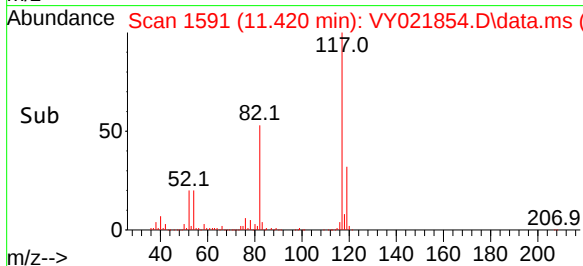
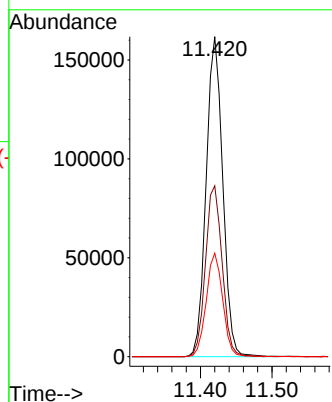
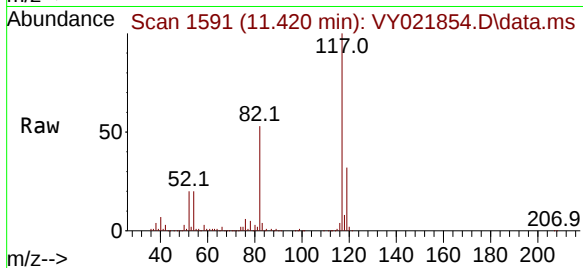
Tgt Ion:117 Resp: 260894

Ion Ratio Lower Upper

117 100

82 53.4 42.8 64.2

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021854.D

Acq: 11 Apr 2025 13:10

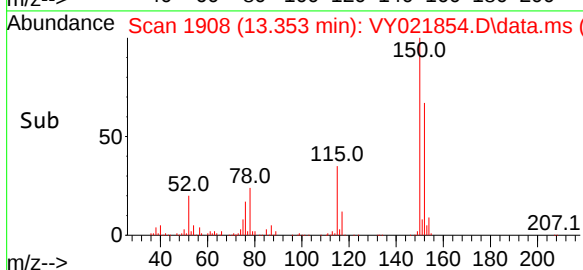
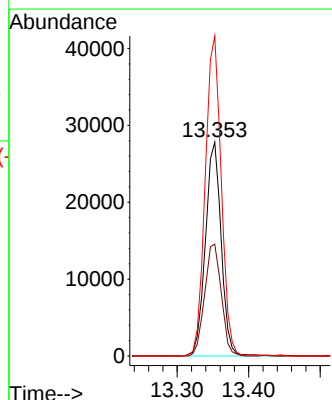
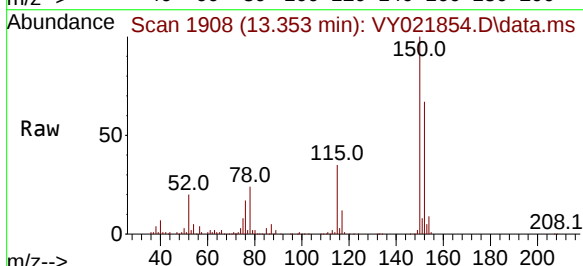
Tgt Ion:152 Resp: 42598

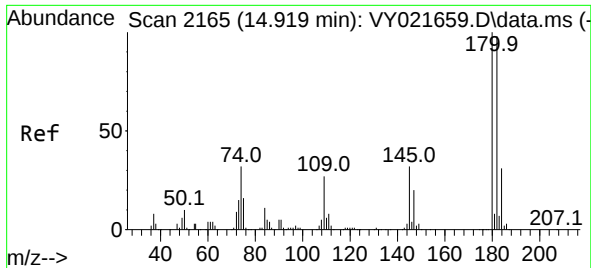
Ion Ratio Lower Upper

152 100

115 55.1 28.8 86.5

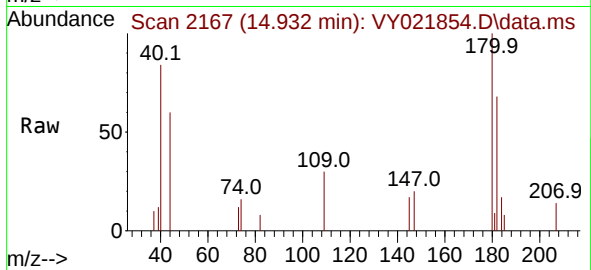
150 151.4 0.0 348.4





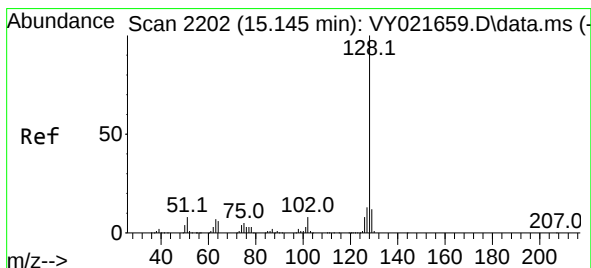
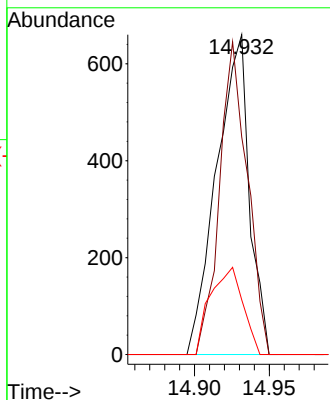
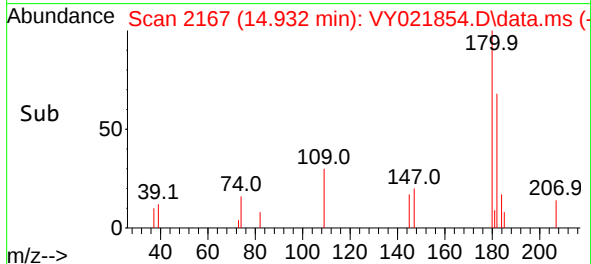
#93
 1,2,4-Trichlorobenzene
 Concen: 1.420 ug/l
 RT: 14.932 min Scan# 2167
 Delta R.T. 0.012 min
 Lab File: VY021854.D
 Acq: 11 Apr 2025 13:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9-VOC

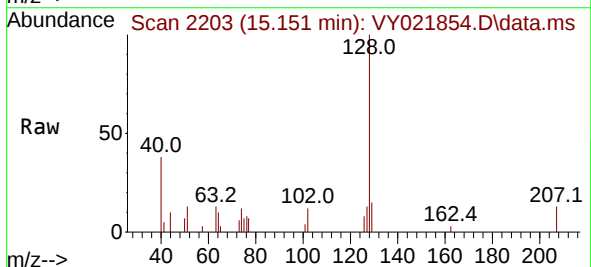


Tgt Ion:180 Resp: 1003

Ion	Ratio	Lower	Upper
180	100		
182	83.0	47.5	142.6
145	27.2	14.9	44.9

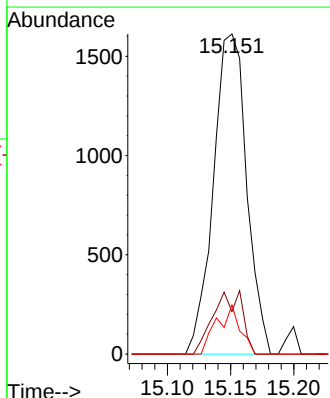
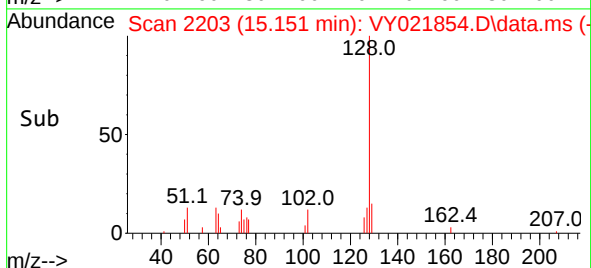


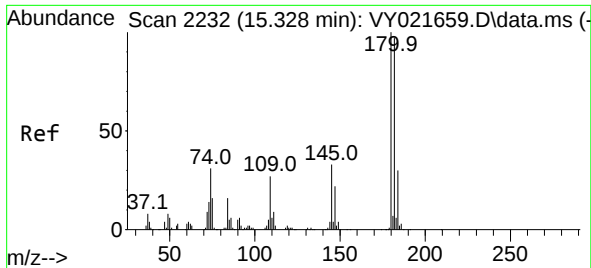
#95
 Naphthalene
 Concen: 2.519 ug/l
 RT: 15.151 min Scan# 2203
 Delta R.T. 0.006 min
 Lab File: VY021854.D
 Acq: 11 Apr 2025 13:10



Tgt Ion:128 Resp: 2950

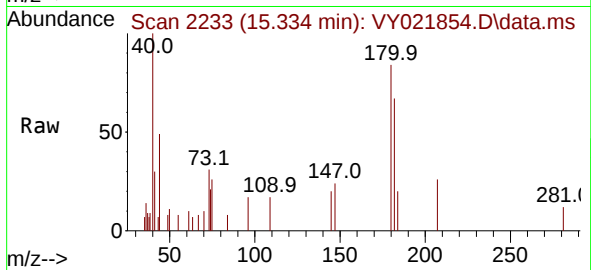
Ion	Ratio	Lower	Upper
128	100		
127	17.1	10.8	16.2#
129	10.7	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.472 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY021854.D
 Acq: 11 Apr 2025 13:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9-VOC



Tgt Ion:	180	Resp:	887
Ion	Ratio	Lower	Upper
180	100		
182	106.8	47.5	142.5
145	29.9	15.9	47.7

