

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032825\
 Data File : VY021686.D
 Acq On : 28 Mar 2025 12:54
 Operator : SY/MD
 Sample : Q1662-07
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-VOC

Quant Time: Mar 29 00:31:30 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)

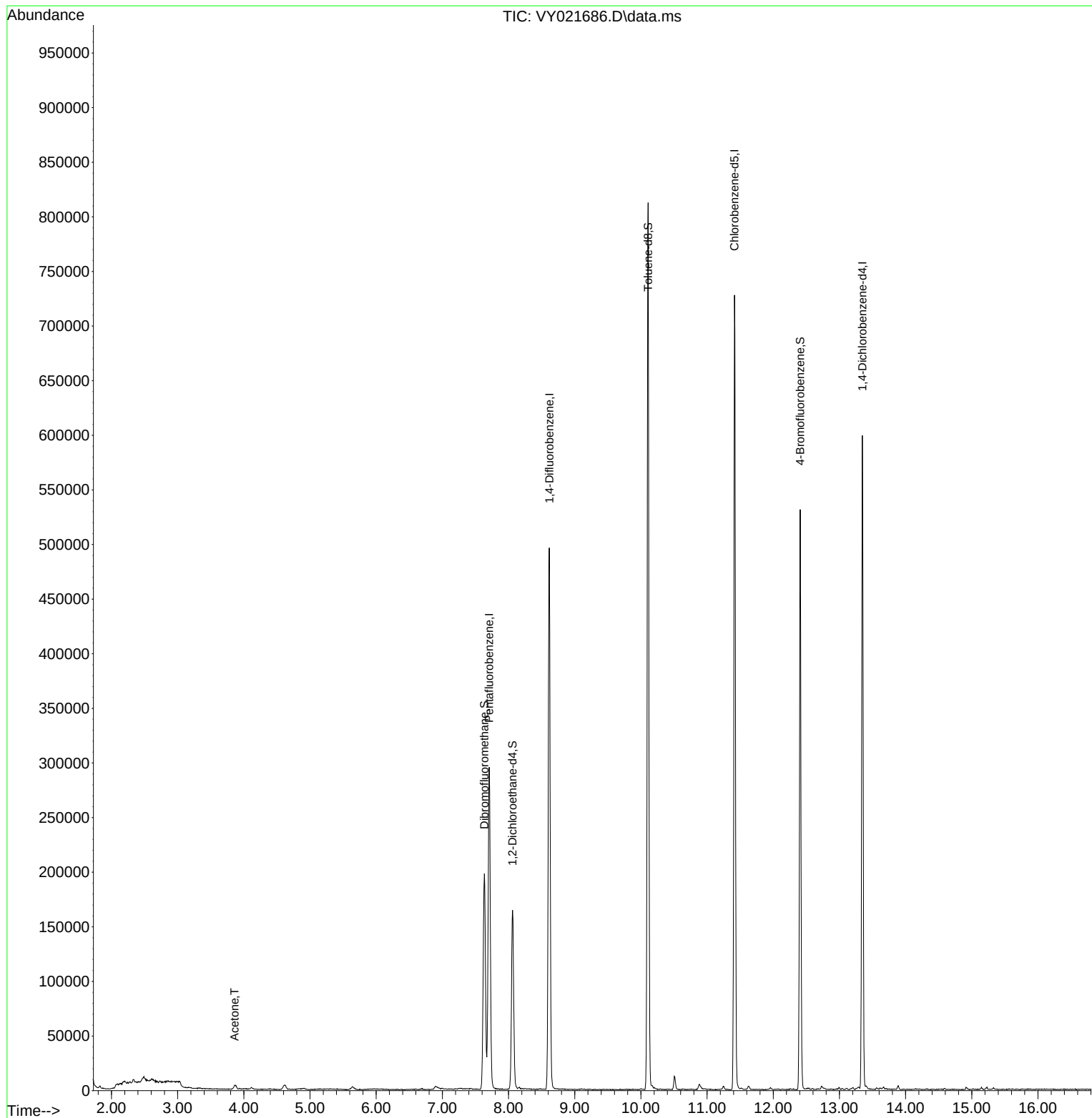
Internal Standards						
1) Pentafluorobenzene	7.707	168	220427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	414352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	374263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	142563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	130434	54.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.220%	
35) Dibromofluoromethane	7.634	113	139936	52.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.120%	
50) Toluene-d8	10.109	98	507407	49.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	12.408	95	152227	44.013	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.020%	
Target Compounds						
16) Acetone	3.860	43	6963	14.246	ug/l	Qvalue 99

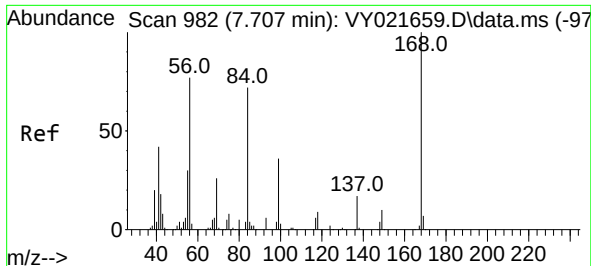
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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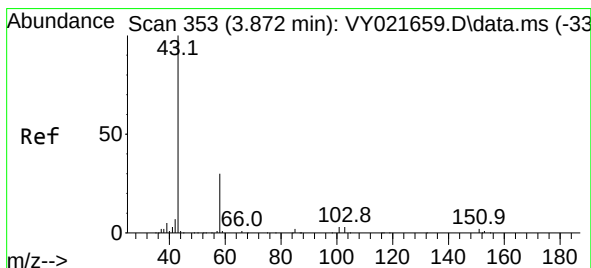
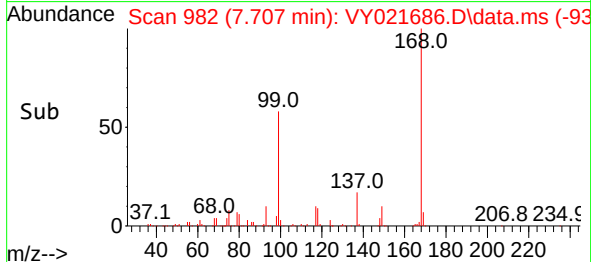
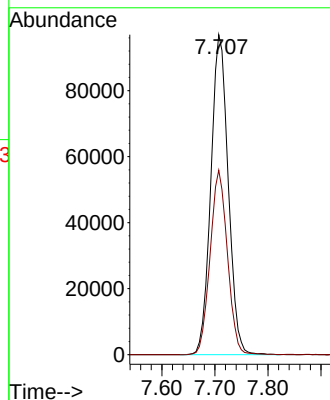
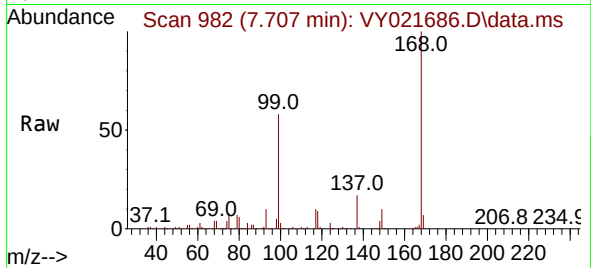




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021686.D
Acq: 28 Mar 2025 12:54

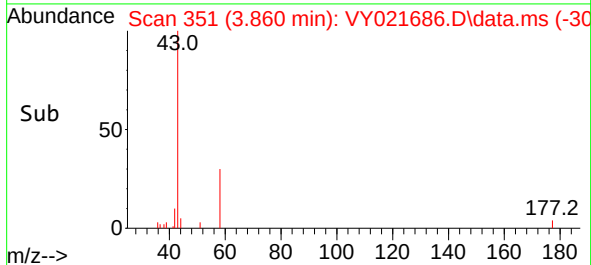
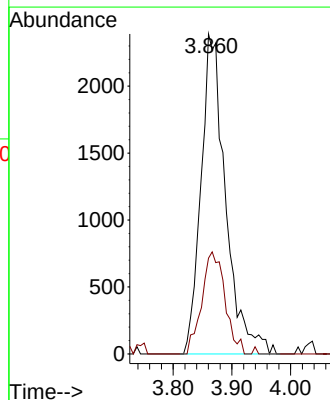
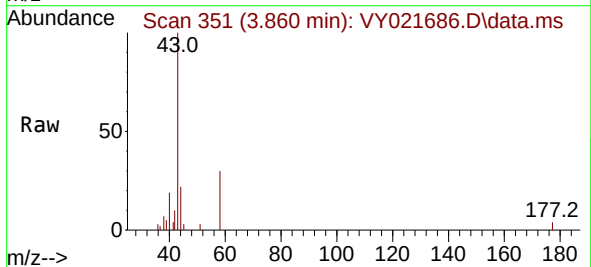
Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

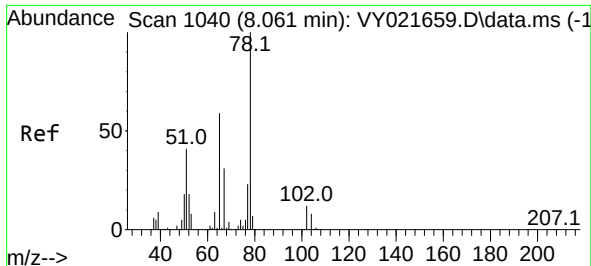
Tgt Ion:168 Resp: 220427
Ion Ratio Lower Upper
168 100
99 57.6 46.7 70.1



#16
Acetone
Concen: 14.246 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021686.D
Acq: 28 Mar 2025 12:54

Tgt Ion: 43 Resp: 6963
Ion Ratio Lower Upper
43 100
58 30.0 24.2 36.4

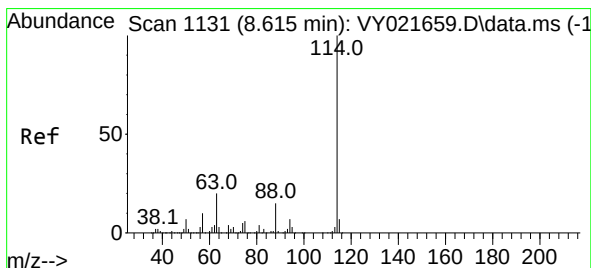
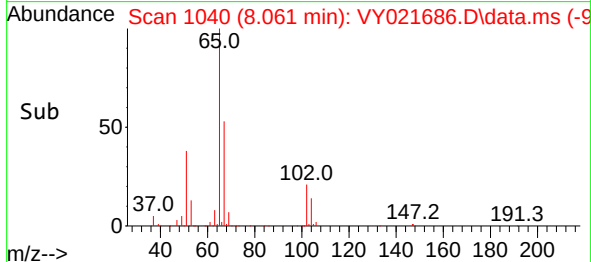
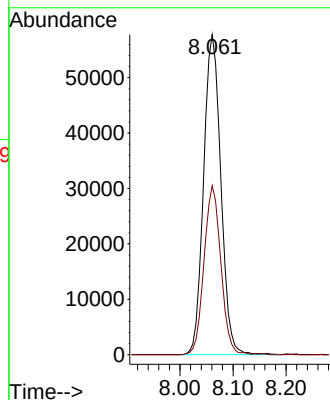
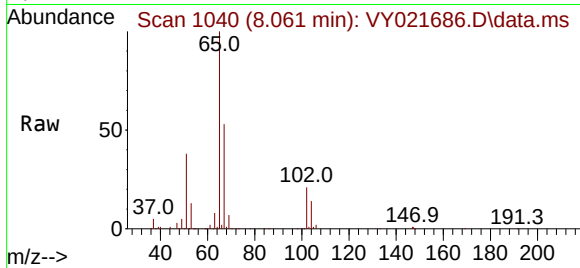




#33
1,2-Dichloroethane-d4
Concen: 54.615 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021686.D
Acq: 28 Mar 2025 12:54

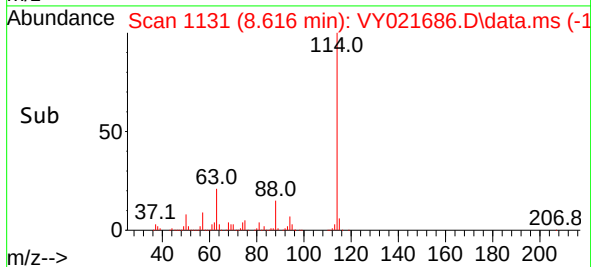
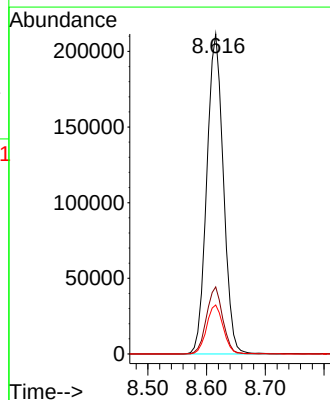
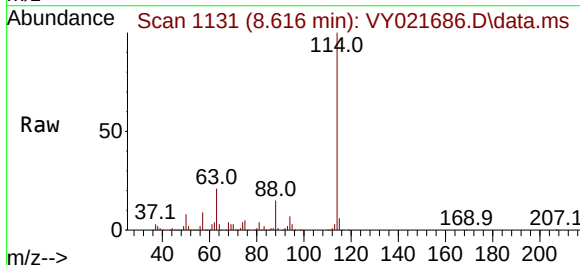
Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

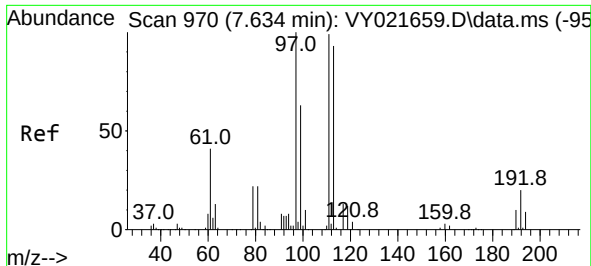
Tgt Ion: 65 Resp: 130434
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021686.D
Acq: 28 Mar 2025 12:54

Tgt Ion: 114 Resp: 414352
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.2
88 15.3 0.0 29.8



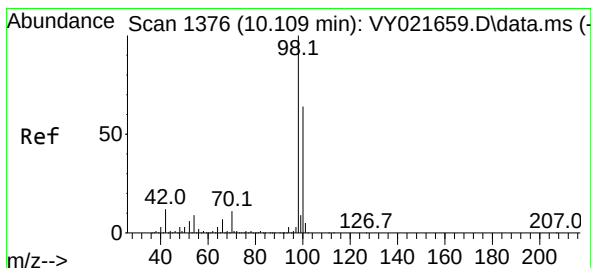
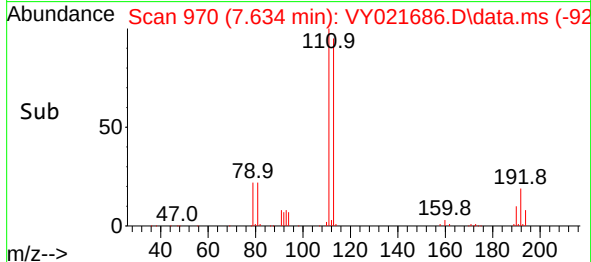
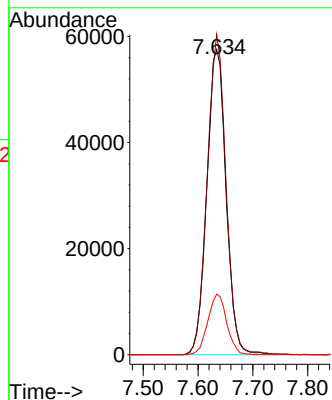
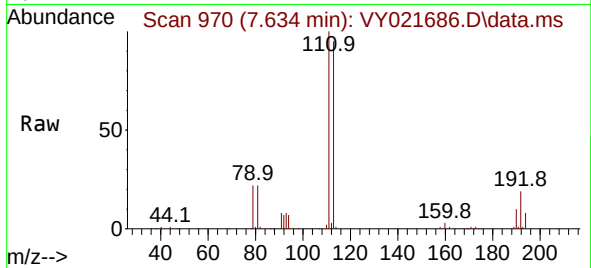


#35
 Dibromofluoromethane
 Concen: 52.063 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021686.D
 Acq: 28 Mar 2025 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-VOC

Tgt Ion:113 Resp: 139936

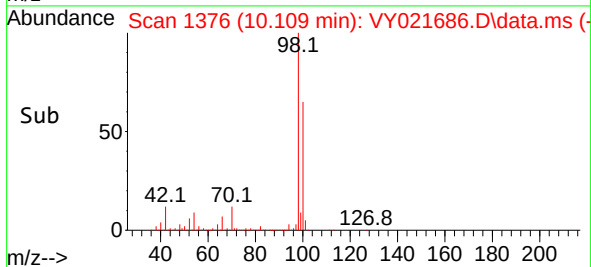
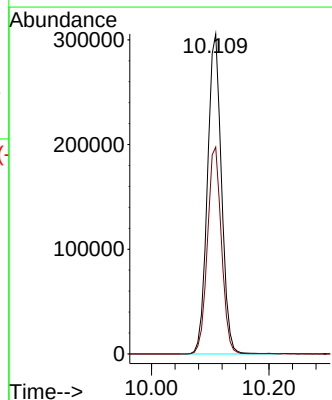
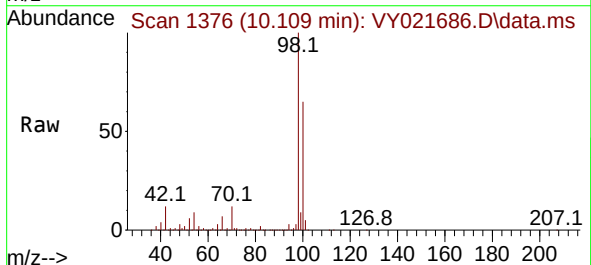
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	19.4	16.2	24.4

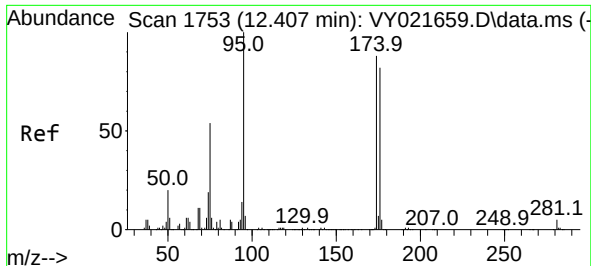


#50
 Toluene-d8
 Concen: 49.623 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. 0.000 min
 Lab File: VY021686.D
 Acq: 28 Mar 2025 12:54

Tgt Ion: 98 Resp: 507407

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.1	78.1

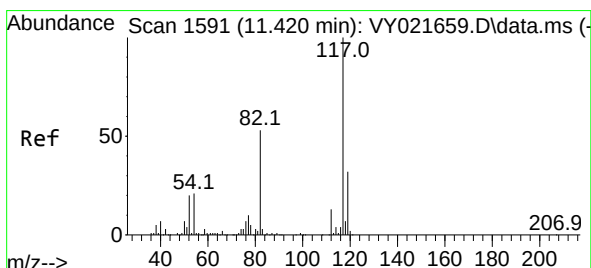
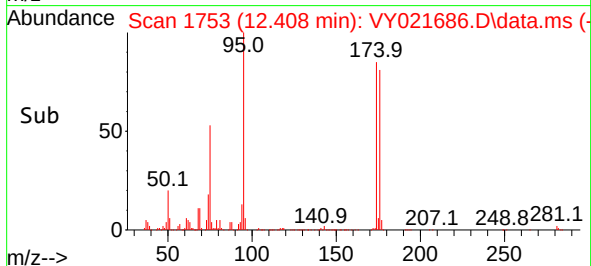
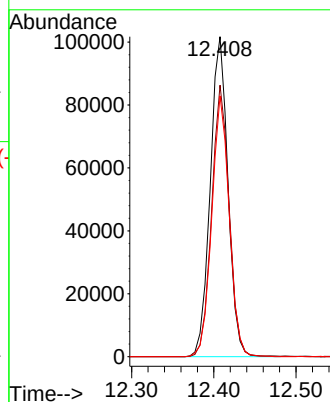
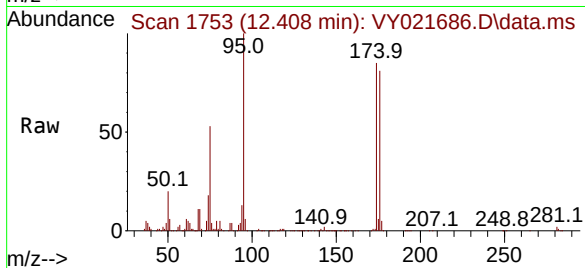




#62
4-Bromofluorobenzene
Concen: 44.013 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021686.D
Acq: 28 Mar 2025 12:54

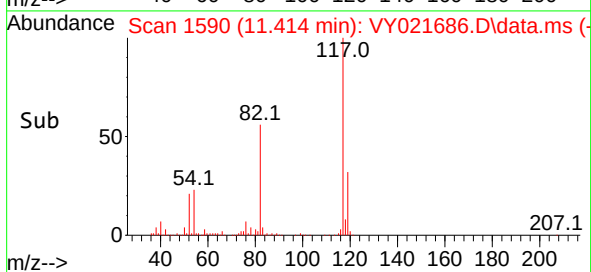
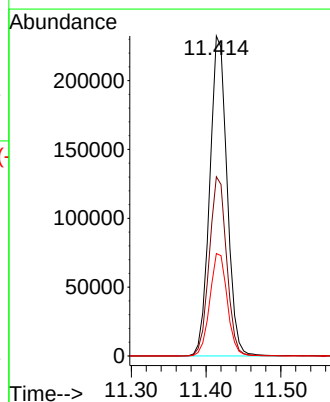
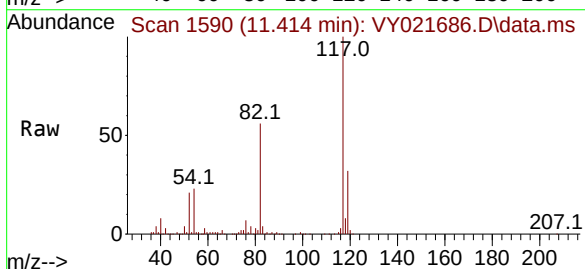
Instrument :
MSVOA_Y
ClientSampleId :
TP-7-VOC

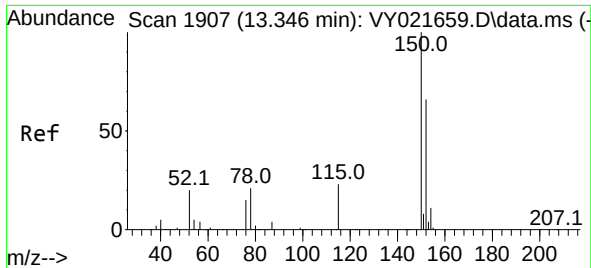
Tgt Ion: 95 Resp: 152227
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.8
176 80.2 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021686.D
Acq: 28 Mar 2025 12:54

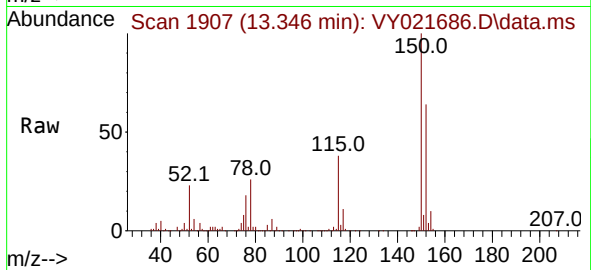
Tgt Ion: 117 Resp: 374263
Ion Ratio Lower Upper
117 100
82 56.0 42.8 64.2
119 32.0 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021686.D
 Acq: 28 Mar 2025 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-VOC



Tgt Ion:152 Resp: 142563
 Ion Ratio Lower Upper
 152 100
 115 59.2 28.8 86.5
 150 159.4 0.0 348.4

