

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021715.D
 Acq On : 31 Mar 2025 13:27
 Operator : SY/MD
 Sample : Q1679-03
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10-VOC

Quant Time: Apr 01 05:36:00 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)

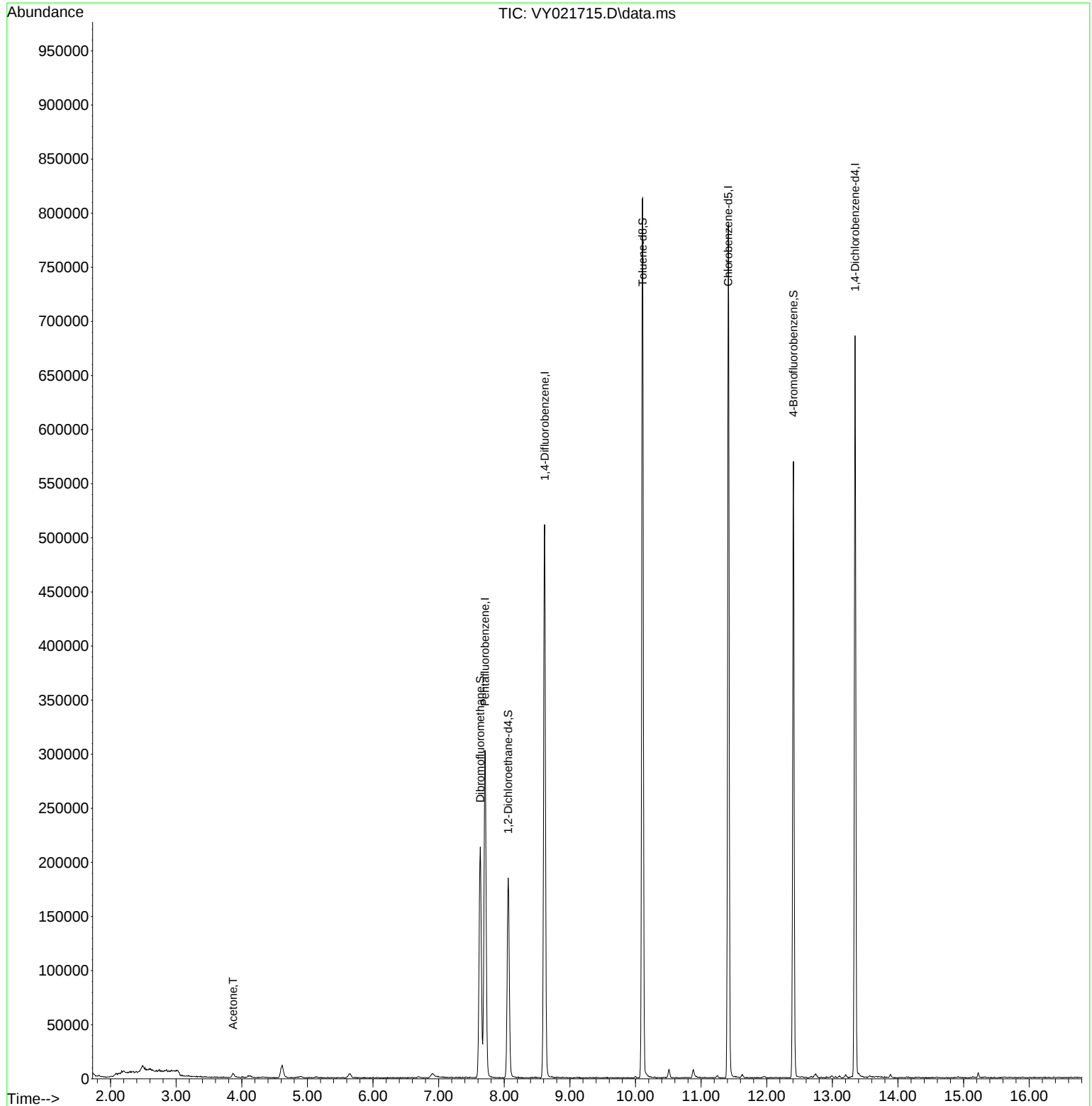
Internal Standards						
1) Pentafluorobenzene	7.707	168	225472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	427834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	403099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	165889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148563	60.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.620%	
35) Dibromofluoromethane	7.634	113	149548	53.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.780%	
50) Toluene-d8	10.109	98	528244	50.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.408	95	168484	47.178	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.360%	
Target Compounds						
16) Acetone	3.866	43	6189	12.379	ug/l	Qvalue 96

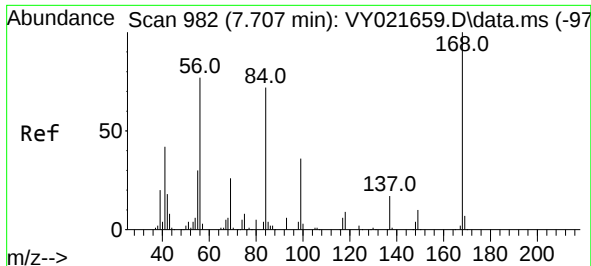
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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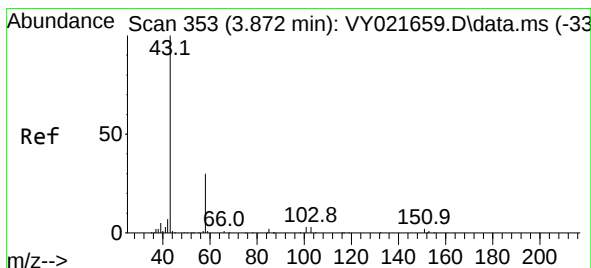
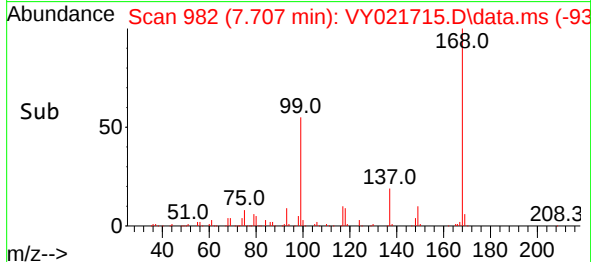
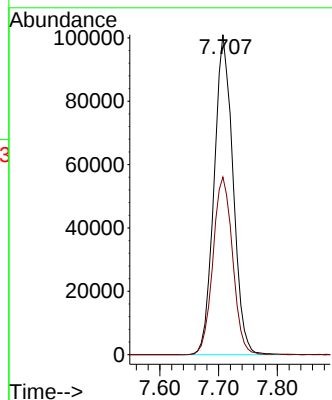
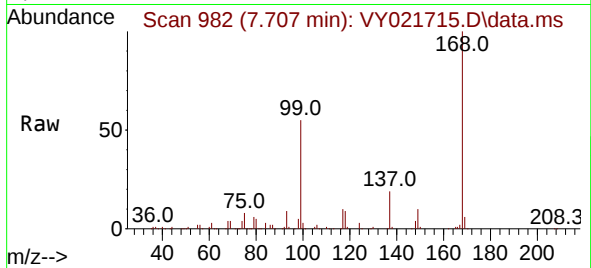




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

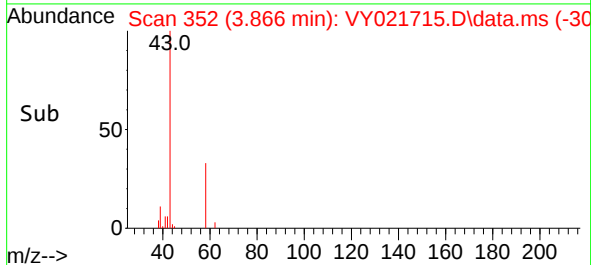
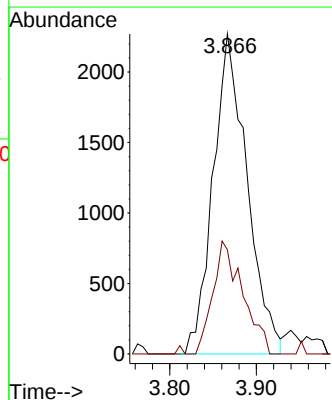
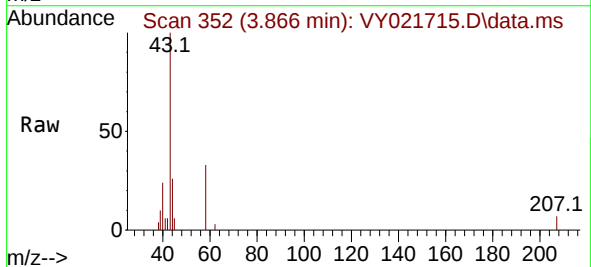
Instrument :
MSVOA_Y
ClientSampleId :
TP-10-VOC

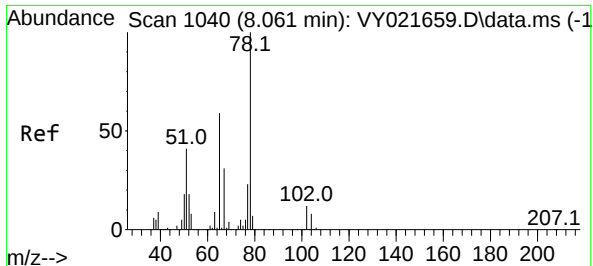
Tgt Ion:168 Resp: 225472
Ion Ratio Lower Upper
168 100
99 55.5 46.7 70.1



#16
Acetone
Concen: 12.379 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

Tgt Ion: 43 Resp: 6189
Ion Ratio Lower Upper
43 100
58 32.6 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 60.814 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021715.D

Acq: 31 Mar 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

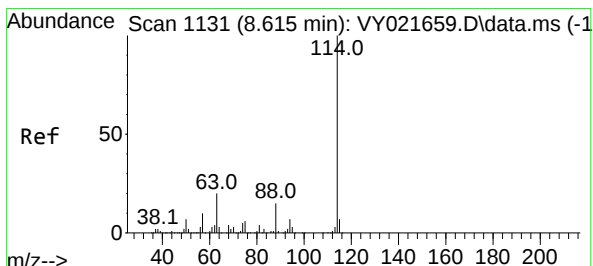
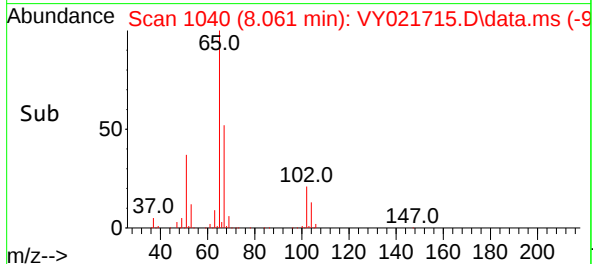
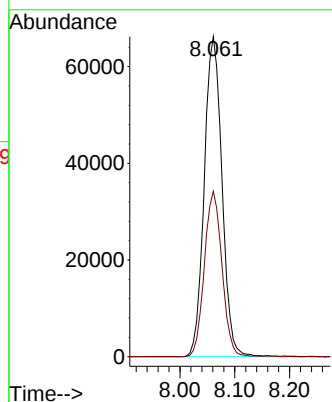
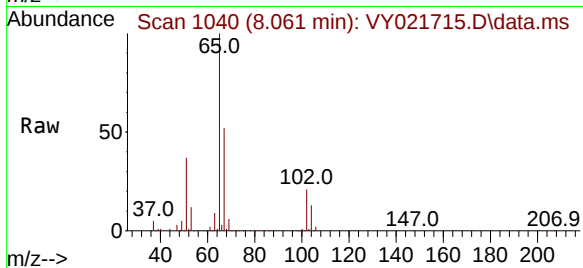
TP-10-VOC

Tgt Ion: 65 Resp: 148563

Ion Ratio Lower Upper

65 100

67 51.3 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: VY021715.D

Acq: 31 Mar 2025 13:27

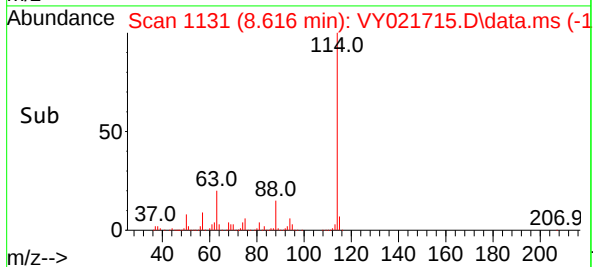
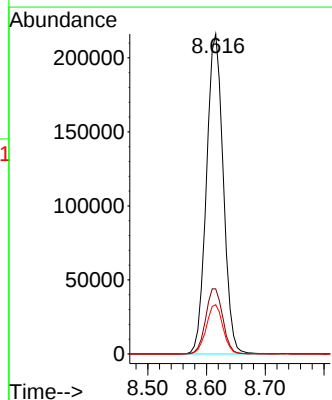
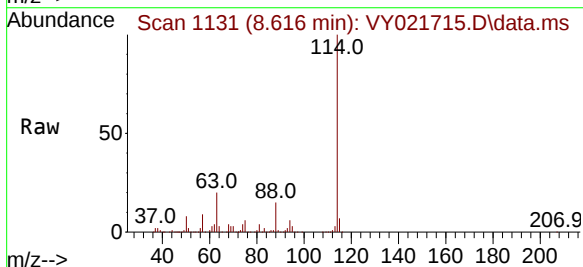
Tgt Ion: 114 Resp: 427834

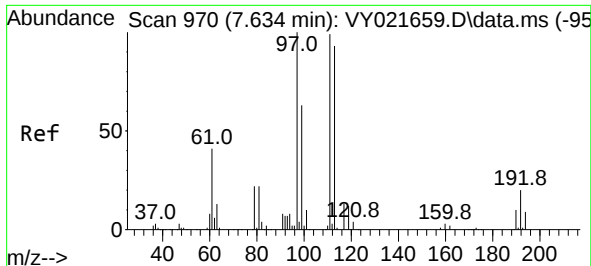
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.2

88 15.4 0.0 29.8

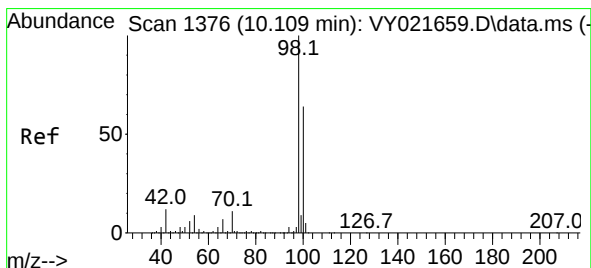
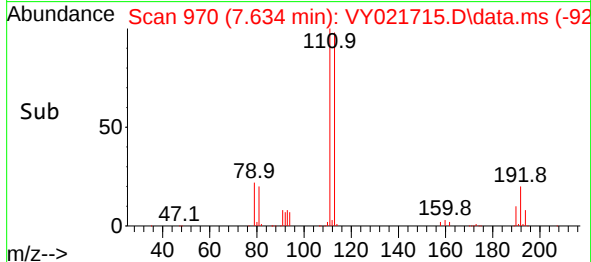
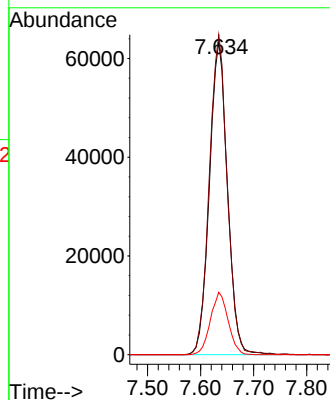
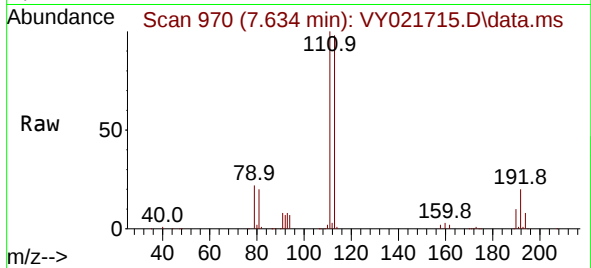




#35
Dibromofluoromethane
Concen: 53.886 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

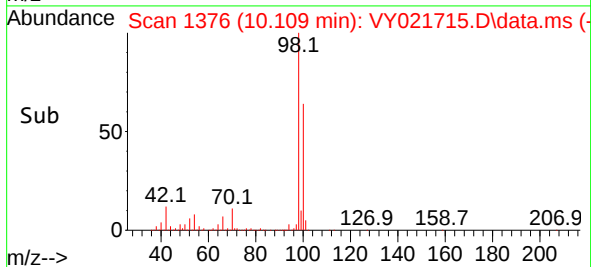
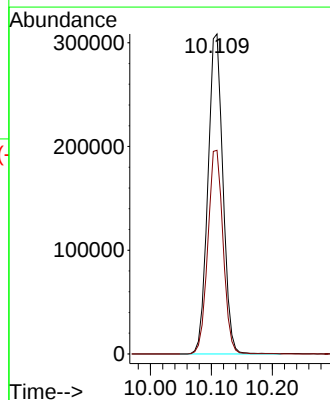
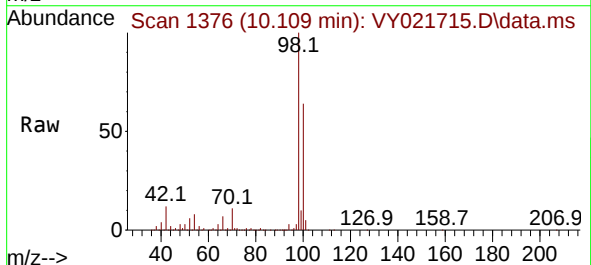
Instrument :
MSVOA_Y
ClientSampleId :
TP-10-VOC

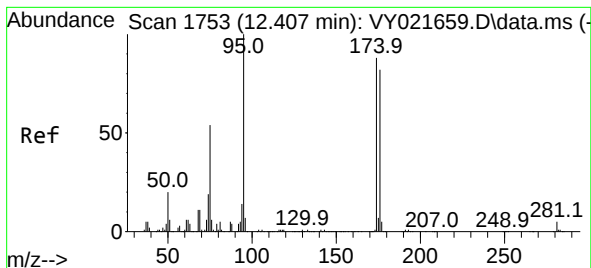
Tgt Ion:113 Resp: 149548
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 19.6 16.2 24.4



#50
Toluene-d8
Concen: 50.032 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

Tgt Ion: 98 Resp: 528244
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

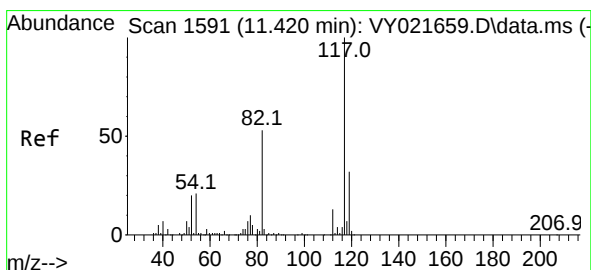
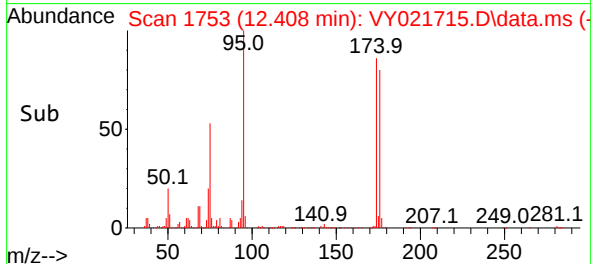
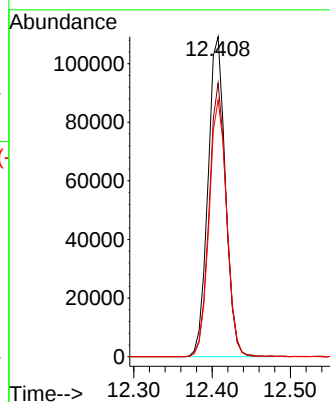
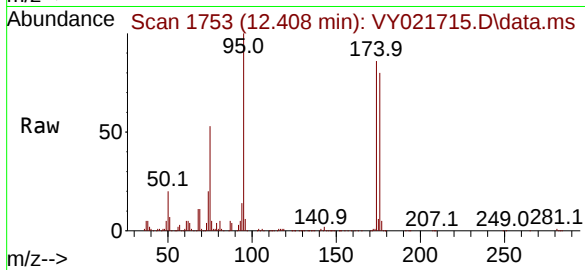




#62
4-Bromofluorobenzene
Concen: 47.178 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

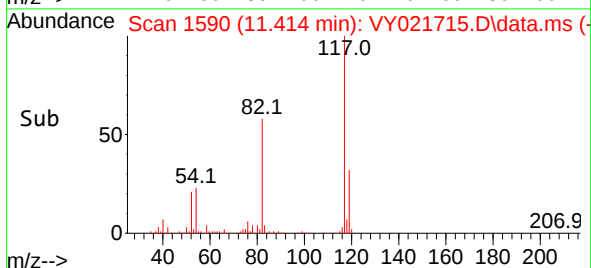
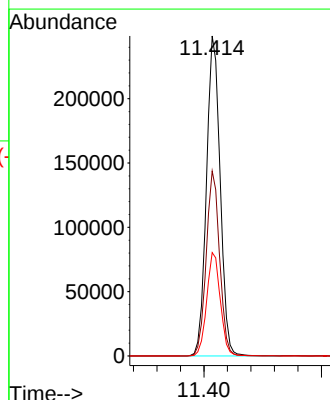
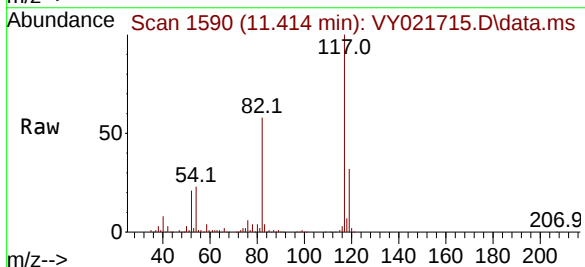
Instrument :
MSVOA_Y
ClientSampleId :
TP-10-VOC

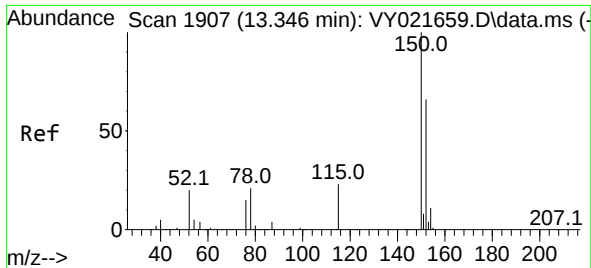
Tgt Ion: 95 Resp: 168484
Ion Ratio Lower Upper
95 100
174 84.5 0.0 170.8
176 81.2 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

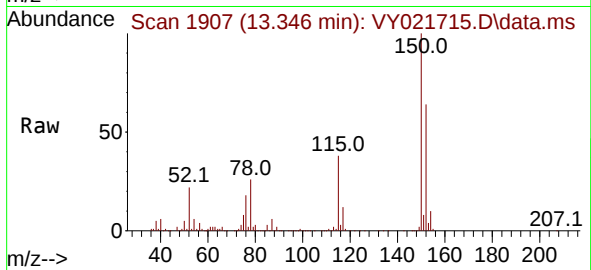
Tgt Ion: 117 Resp: 403099
Ion Ratio Lower Upper
117 100
82 57.8 42.8 64.2
119 32.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021715.D
 Acq: 31 Mar 2025 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10-VOC



Tgt Ion:	152	Resp:	165889
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.8	86.5
150	156.8	0.0	348.4

