

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021839.D
 Acq On : 10 Apr 2025 15:37
 Operator : SY/MD
 Sample : Q1743-03
 Misc : 4.37g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-16-VOC

Quant Time: Apr 11 01:51:31 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)

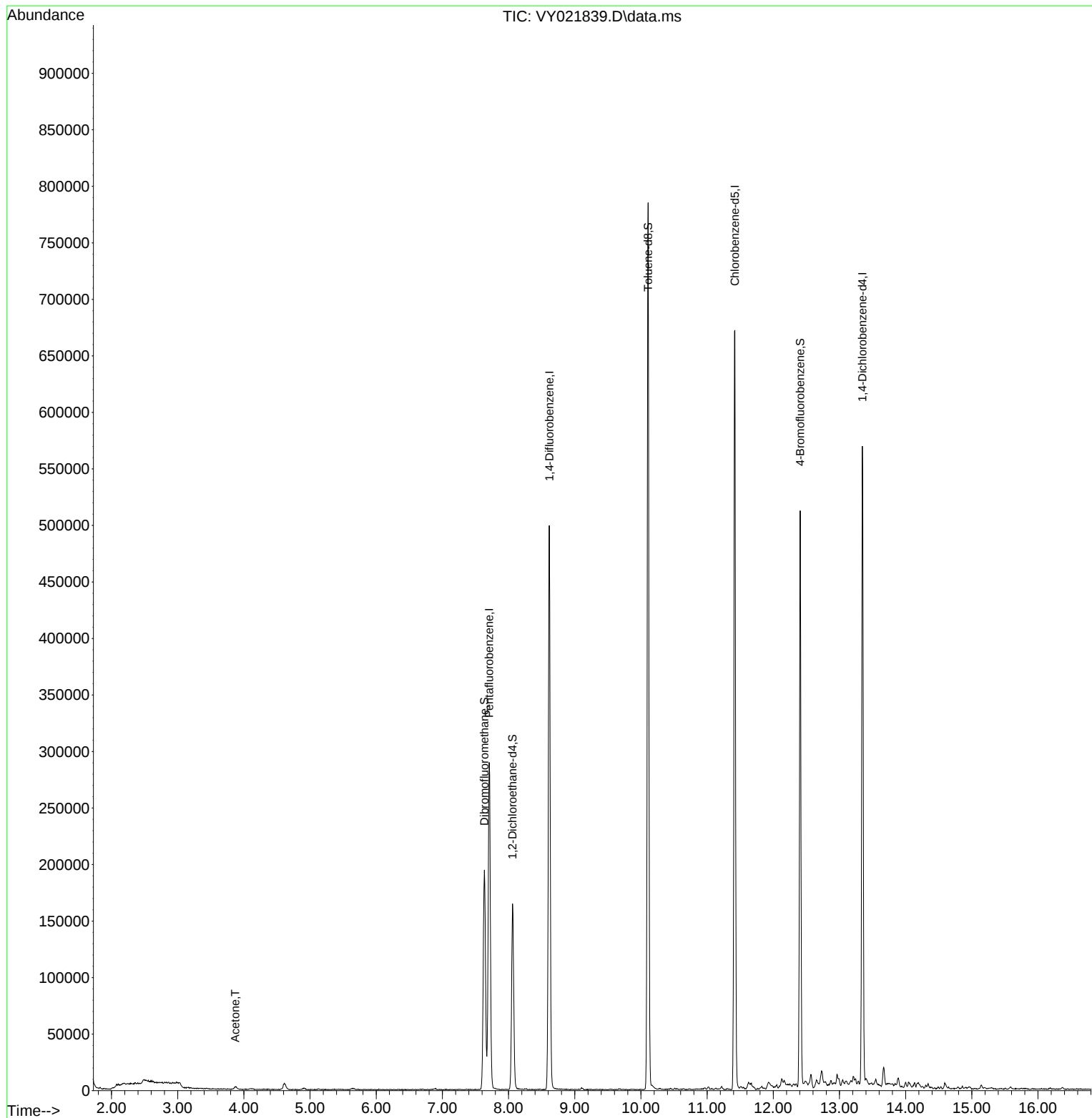
Internal Standards						
1) Pentafluorobenzene	7.707	168	216505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	406985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	355963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	142361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	125627	53.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.100%	
35) Dibromofluoromethane	7.634	113	138037	52.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.580%	
50) Toluene-d8	10.109	98	491586	48.946	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.900%	
62) 4-Bromofluorobenzene	12.407	95	145349	42.785	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.580%	
Target Compounds						
16) Acetone	3.872	43	4148	8.640	ug/l	95

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

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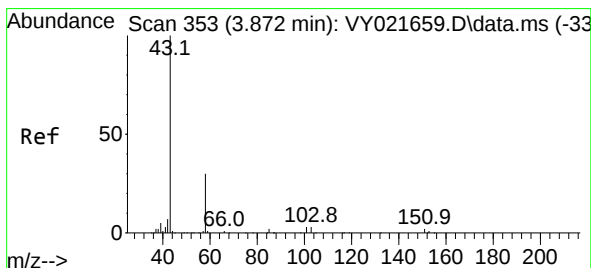
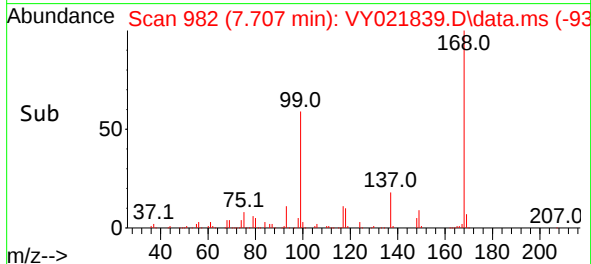
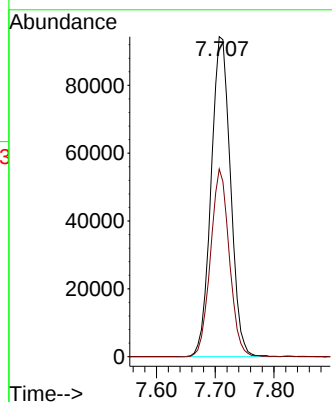
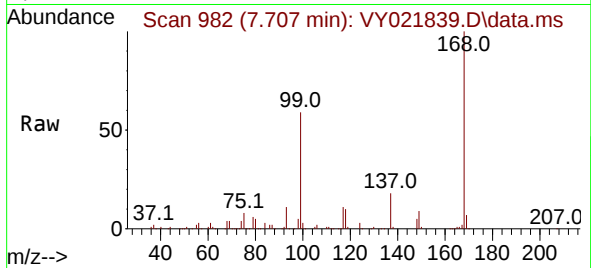




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021839.D
Acq: 10 Apr 2025 15:37

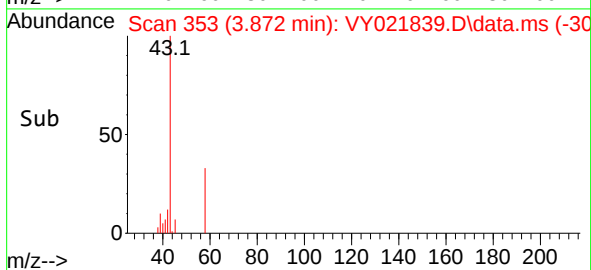
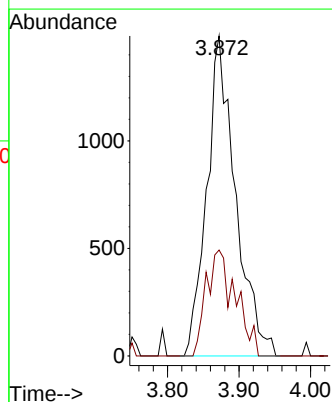
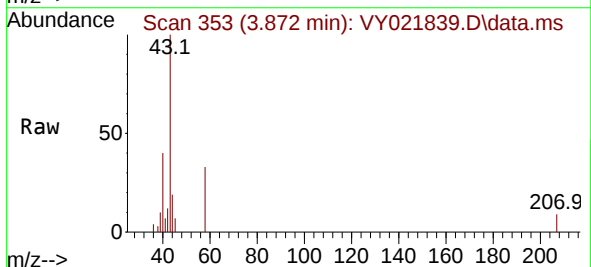
Instrument :
MSVOA_Y
ClientSampleId :
TP-16-VOC

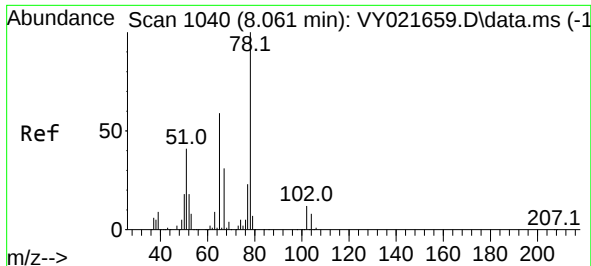
Tgt Ion:168 Resp: 216505
Ion Ratio Lower Upper
168 100
99 58.6 46.7 70.1



#16
Acetone
Concen: 8.640 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY021839.D
Acq: 10 Apr 2025 15:37

Tgt Ion: 43 Resp: 4148
Ion Ratio Lower Upper
43 100
58 33.1 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 53.555 ug/l

RT: 8.060 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY021839.D

Acq: 10 Apr 2025 15:37

Instrument :

MSVOA_Y

ClientSampleId :

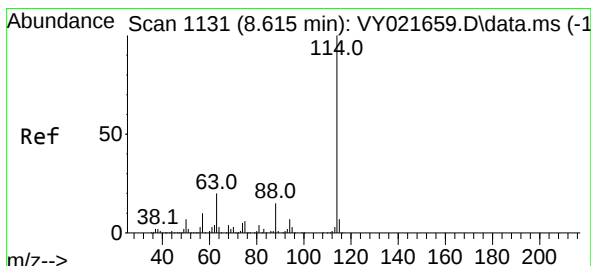
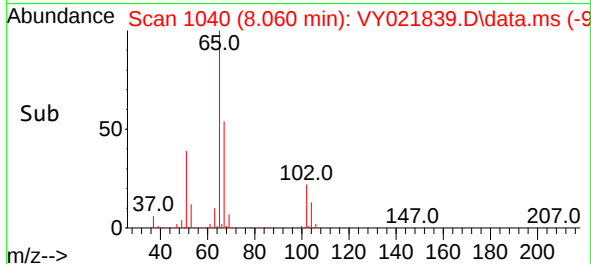
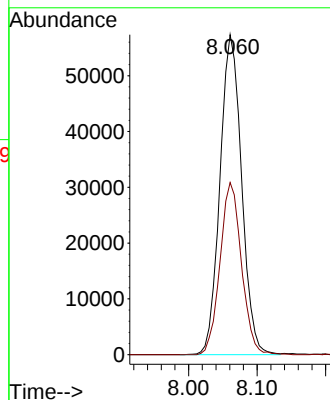
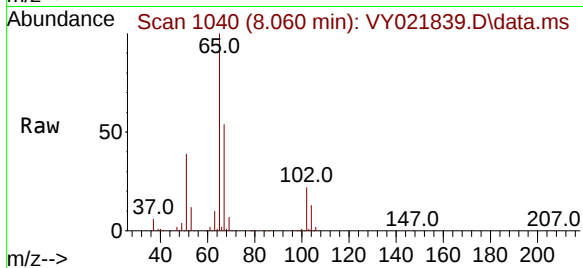
TP-16-VOC

Tgt Ion: 65 Resp: 125627

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021839.D

Acq: 10 Apr 2025 15:37

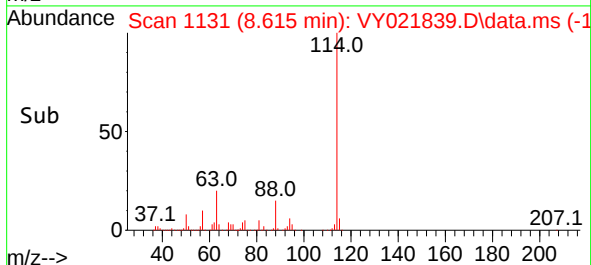
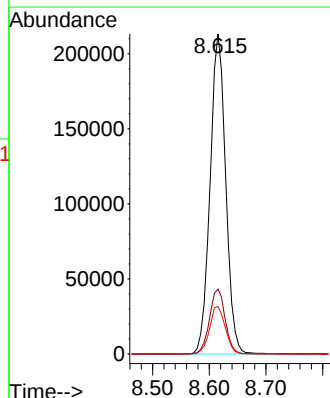
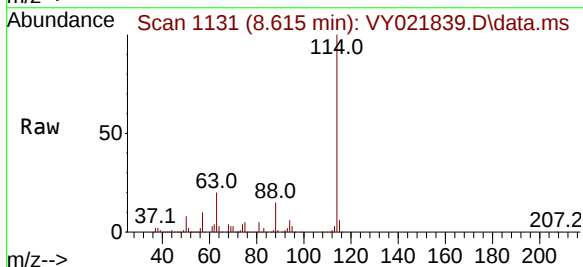
Tgt Ion: 114 Resp: 406985

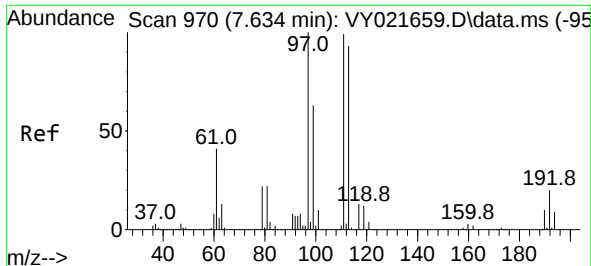
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

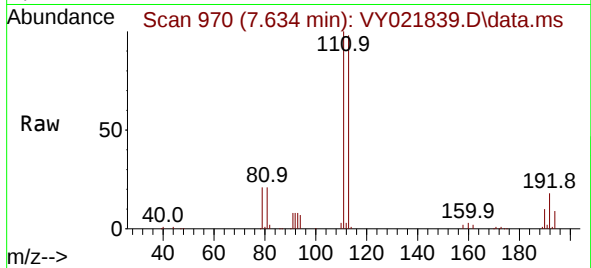
88 14.8 0.0 29.8



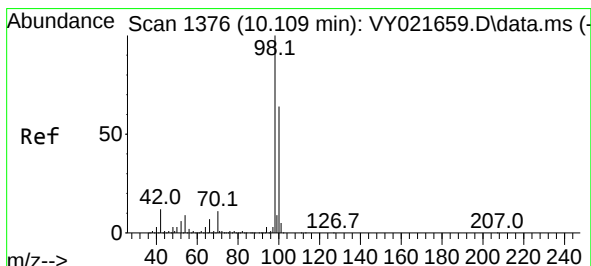
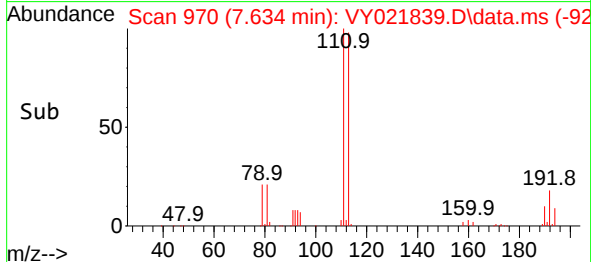
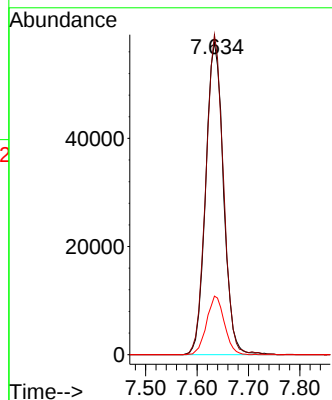


#35
 Dibromofluoromethane
 Concen: 52.286 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY021839.D
 Acq: 10 Apr 2025 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-16-VOC

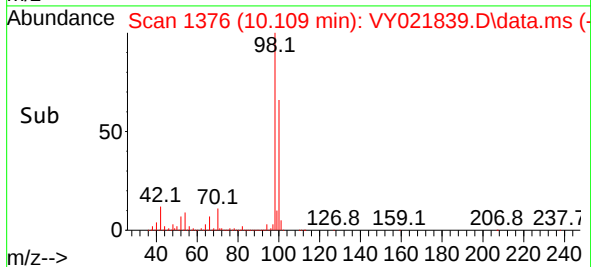
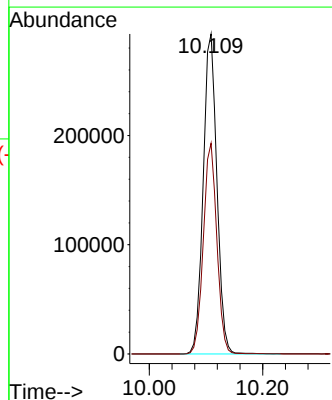
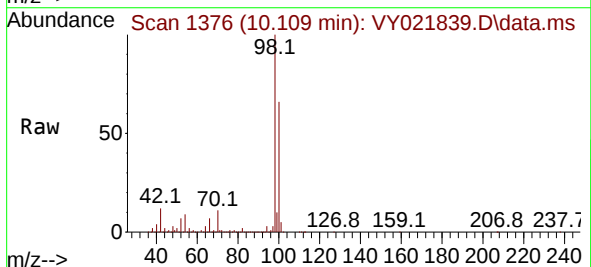


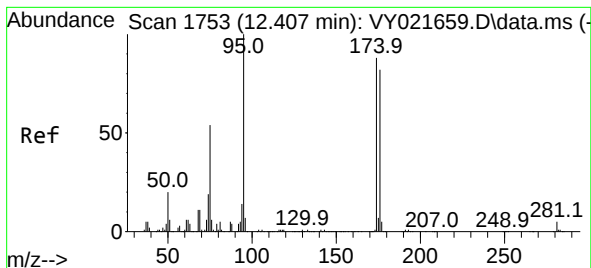
Tgt Ion:113 Resp: 138037
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.6 123.8
 192 18.8 16.2 24.4



#50
 Toluene-d8
 Concen: 48.946 ug/l
 RT: 10.109 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: VY021839.D
 Acq: 10 Apr 2025 15:37

Tgt Ion: 98 Resp: 491586
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.1 78.1

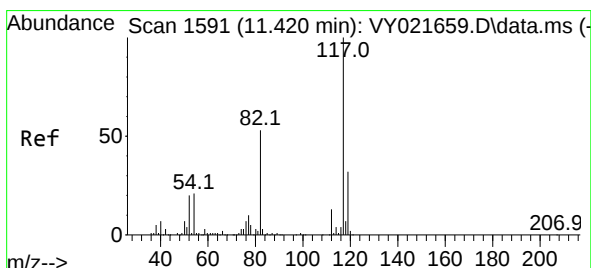
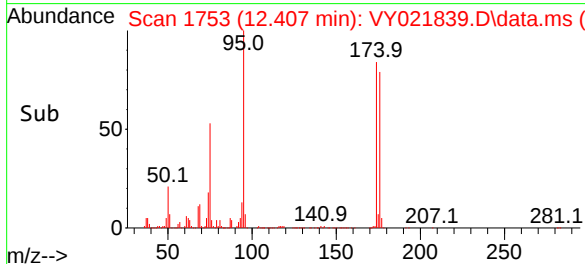
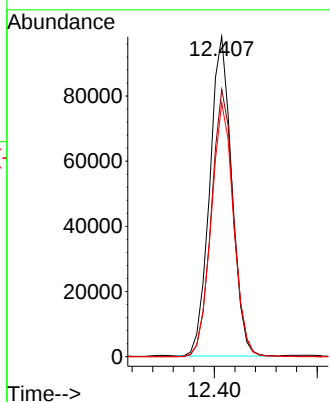
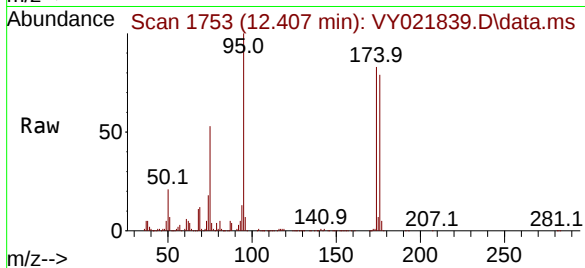




#62
4-Bromofluorobenzene
Concen: 42.785 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021839.D
Acq: 10 Apr 2025 15:37

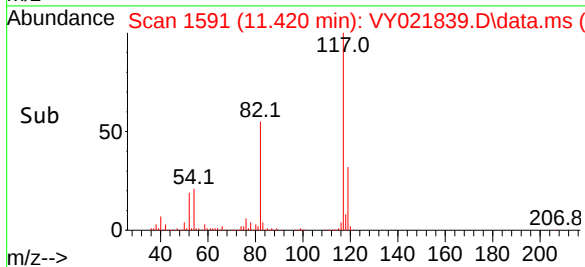
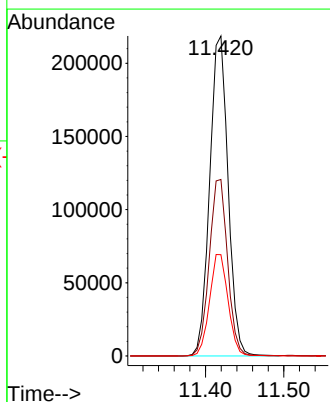
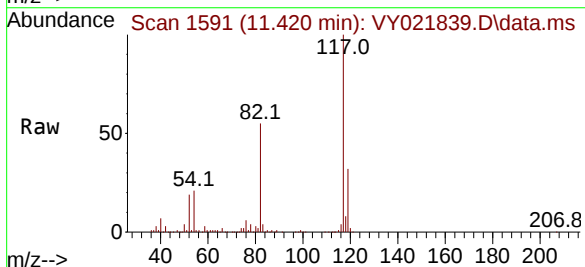
Instrument :
MSVOA_Y
ClientSampleId :
TP-16-VOC

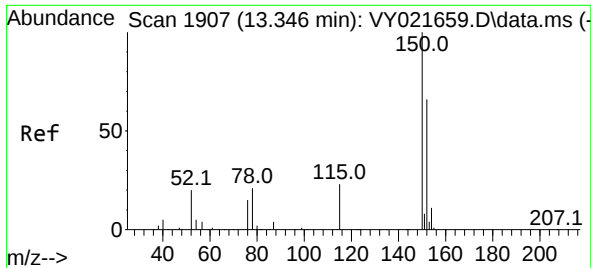
Tgt Ion: 95 Resp: 145349
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.8
176 80.8 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021839.D
Acq: 10 Apr 2025 15:37

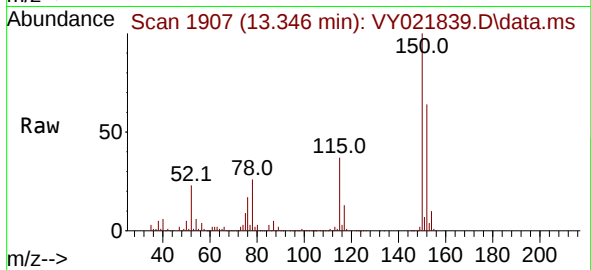
Tgt Ion: 117 Resp: 355963
Ion Ratio Lower Upper
117 100
82 55.1 42.8 64.2
119 31.6 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY021839.D
 Acq: 10 Apr 2025 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-16-VOC



Tgt Ion:152 Resp: 142361
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.8 86.5
 150 156.0 0.0 348.4

