

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017570.D
 Acq On : 05 Mar 2024 14:43
 Operator : SY/MD
 Sample : P1672-07
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-VOC

Quant Time: Mar 05 22:04:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

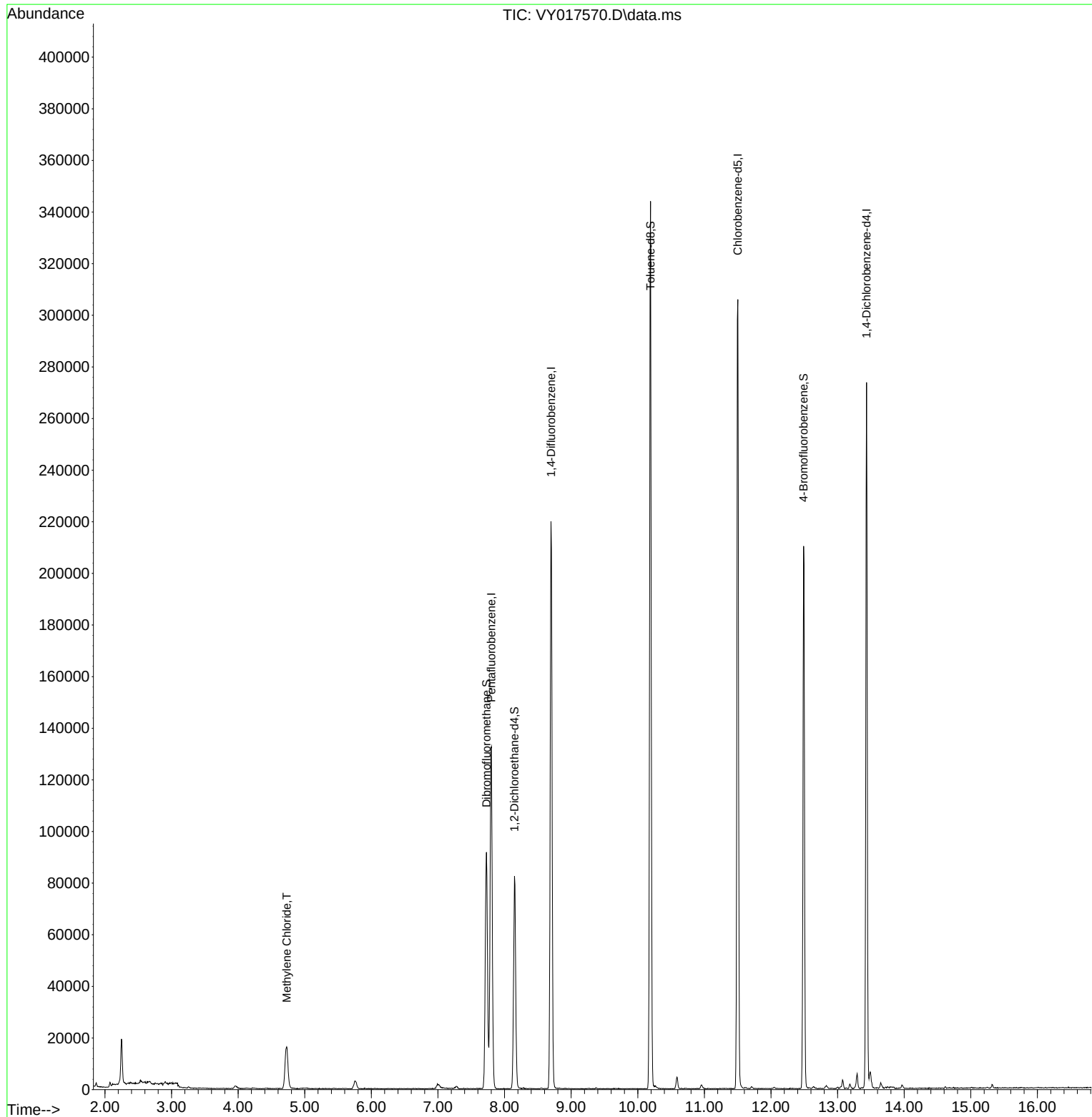
Internal Standards						
1) Pentafluorobenzene	7.801	168	110273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	201139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	181054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59632	57.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.120%
35) Dibromofluoromethane	7.728	113	65696	46.872	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.740%
50) Toluene-d8	10.191	98	228191	46.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.120%
62) 4-Bromofluorobenzene	12.489	95	64154	41.656	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.320%
Target Compounds						
20) Methylene Chloride	4.729	84	13467	6.547	ug/l	Qvalue 98

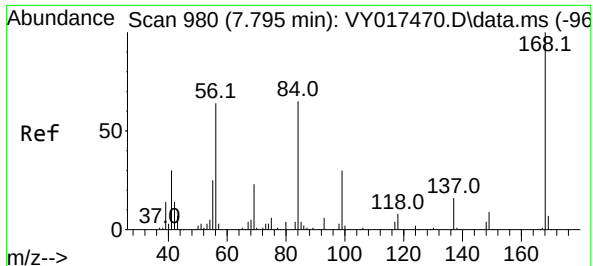
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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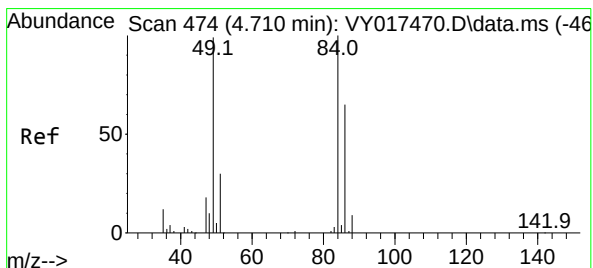
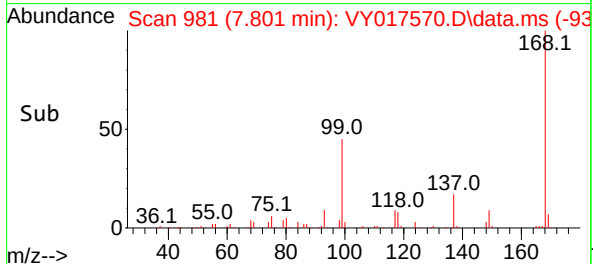
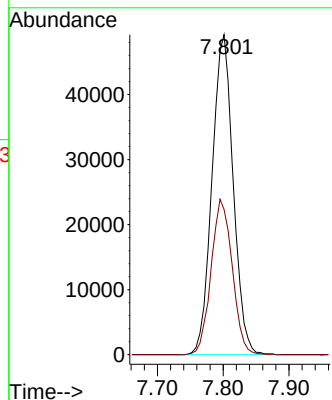
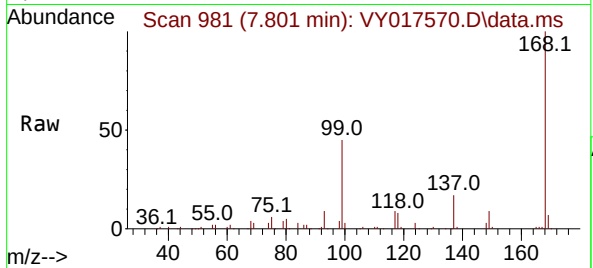




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017570.D
Acq: 05 Mar 2024 14:43

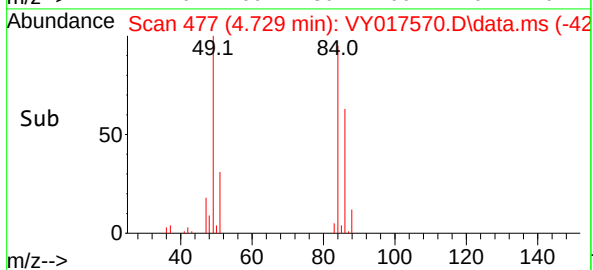
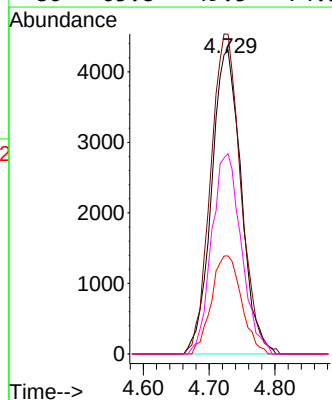
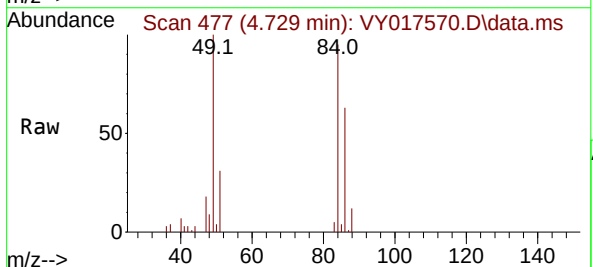
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOC

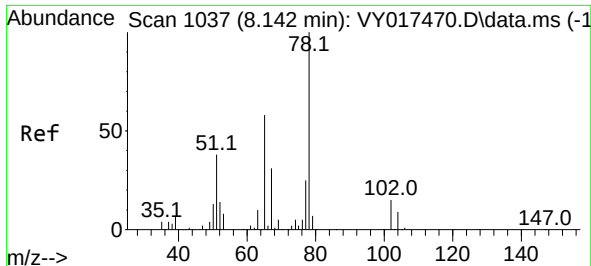
Tgt Ion:168 Resp: 110273
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#20
Methylene Chloride
Concen: 6.547 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.019 min
Lab File: VY017570.D
Acq: 05 Mar 2024 14:43

Tgt Ion: 84 Resp: 13467
Ion Ratio Lower Upper
84 100
49 105.1 84.4 126.6
51 32.3 26.0 39.0
86 65.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 57.059 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017570.D

Acq: 05 Mar 2024 14:43

Instrument :

MSVOA_Y

ClientSampleId :

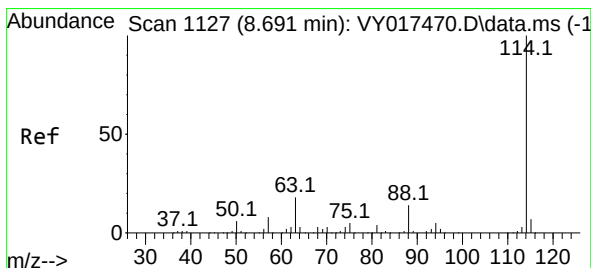
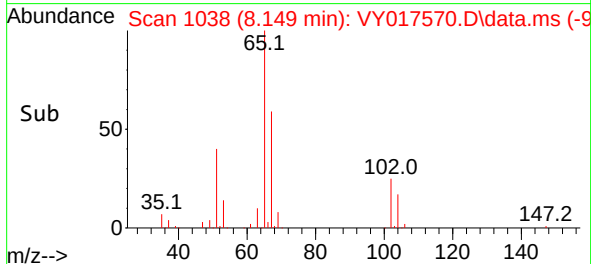
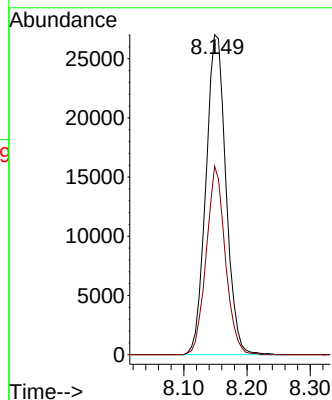
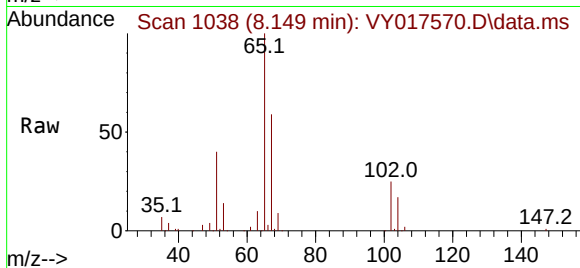
TP-3-VOC

Tgt Ion: 65 Resp: 59632

Ion Ratio Lower Upper

65 100

67 55.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017570.D

Acq: 05 Mar 2024 14:43

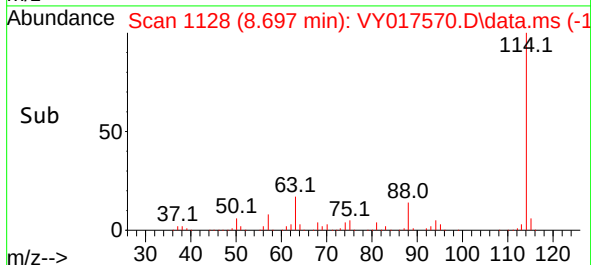
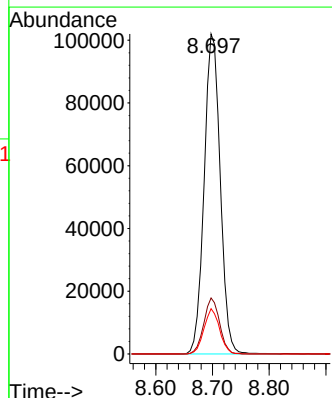
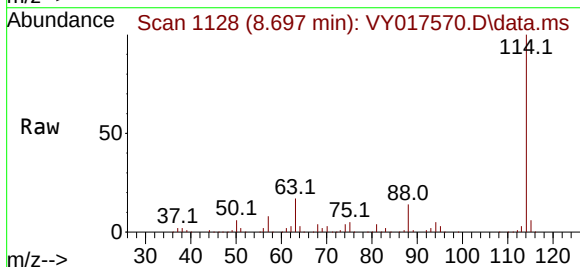
Tgt Ion: 114 Resp: 201139

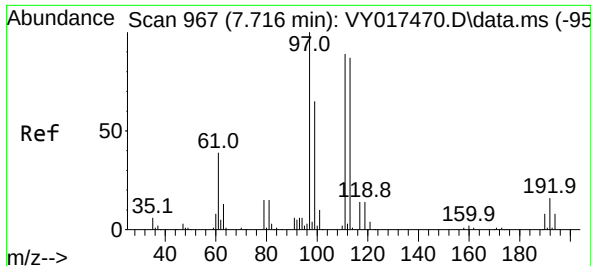
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.1 0.0 27.2

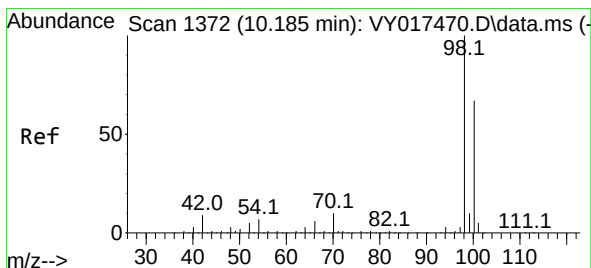
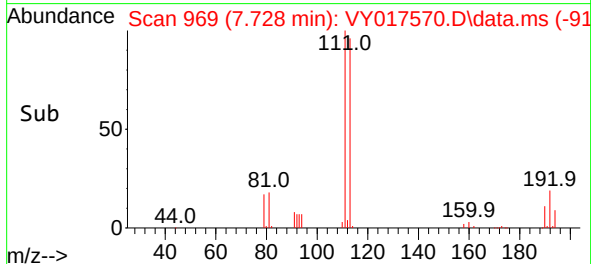
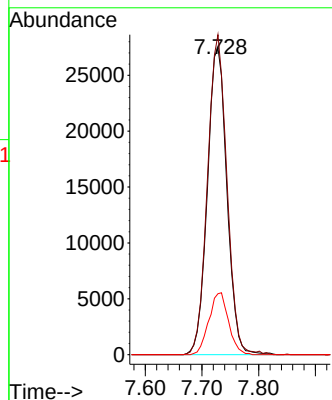
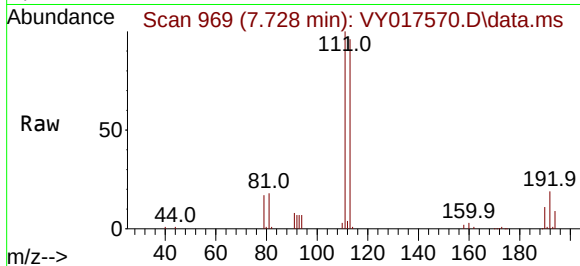




#35
Dibromofluoromethane
Concen: 46.872 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY017570.D
Acq: 05 Mar 2024 14:43

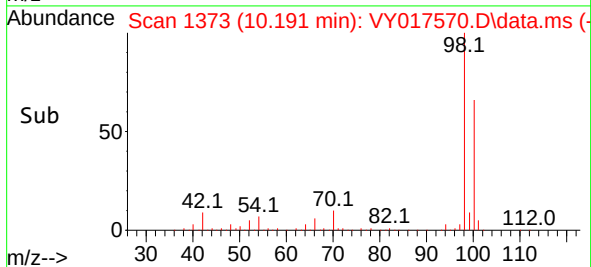
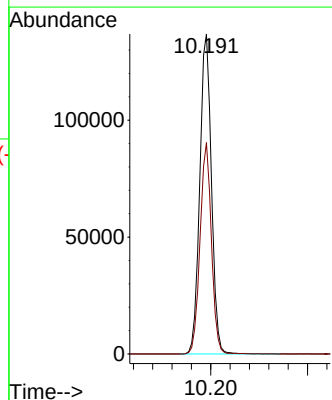
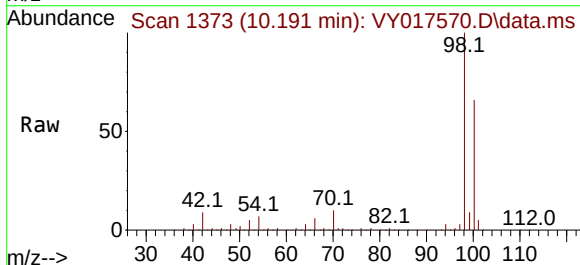
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOC

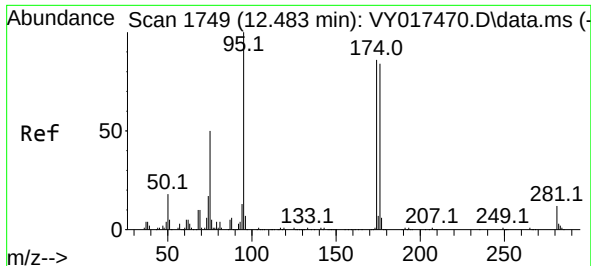
Tgt Ion:113 Resp: 65696
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 20.3 15.9 23.9



#50
Toluene-d8
Concen: 46.565 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017570.D
Acq: 05 Mar 2024 14:43

Tgt Ion: 98 Resp: 228191
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

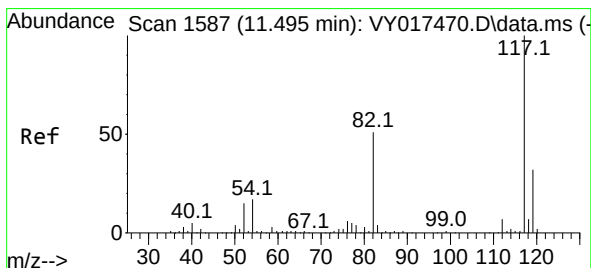
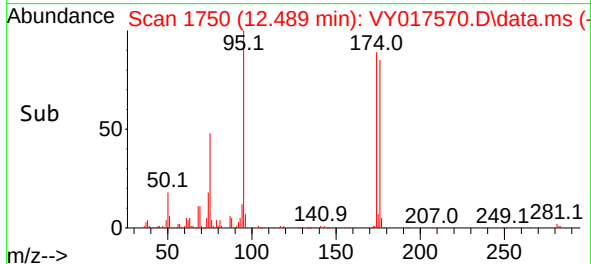
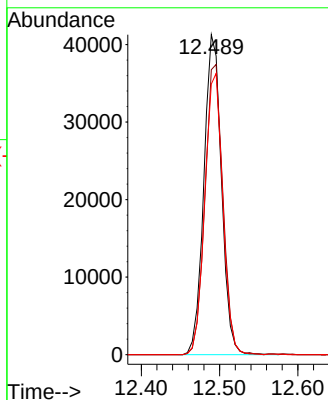
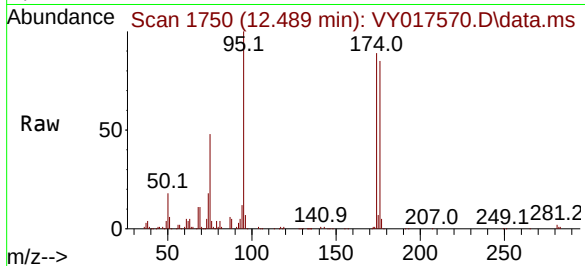




#62
4-Bromofluorobenzene
Concen: 41.656 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017570.D
Acq: 05 Mar 2024 14:43

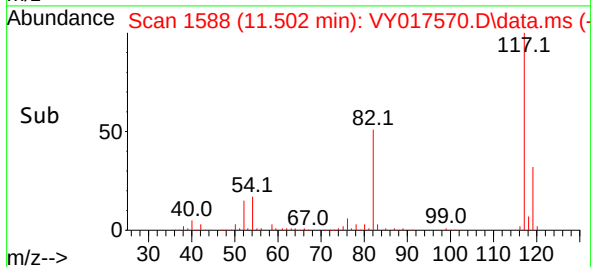
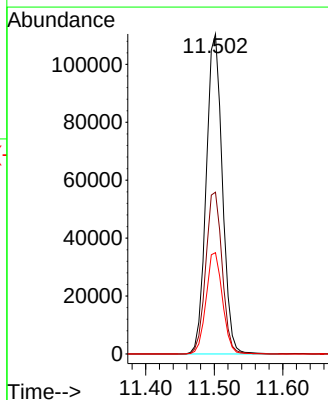
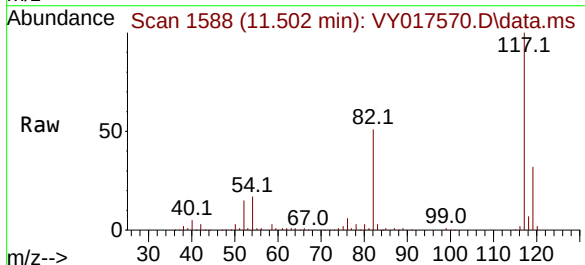
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOC

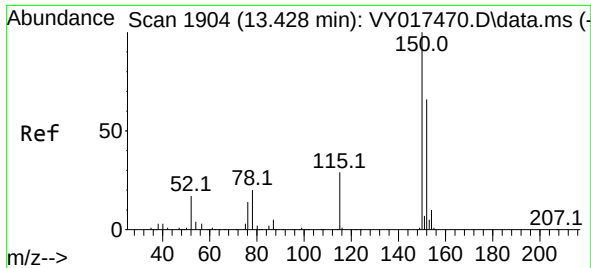
Tgt Ion: 95 Resp: 64154
Ion Ratio Lower Upper
95 100
174 92.5 0.0 175.6
176 90.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017570.D
Acq: 05 Mar 2024 14:43

Tgt Ion: 117 Resp: 181054
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017570.D

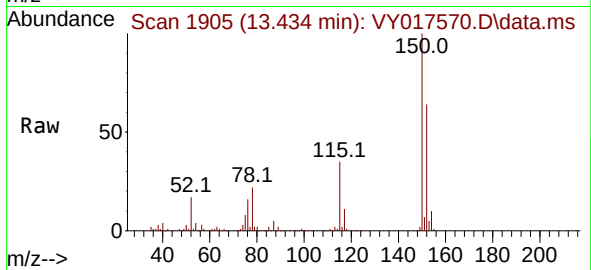
Acq: 05 Mar 2024 14:43

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-VOC



Tgt Ion:152 Resp: 72173

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 156.1 0.0 345.6

