

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017571.D
 Acq On : 05 Mar 2024 15:07
 Operator : SY/MD
 Sample : P1672-11
 Misc : 3.97g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-VOC

Quant Time: Mar 05 22:05:10 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)

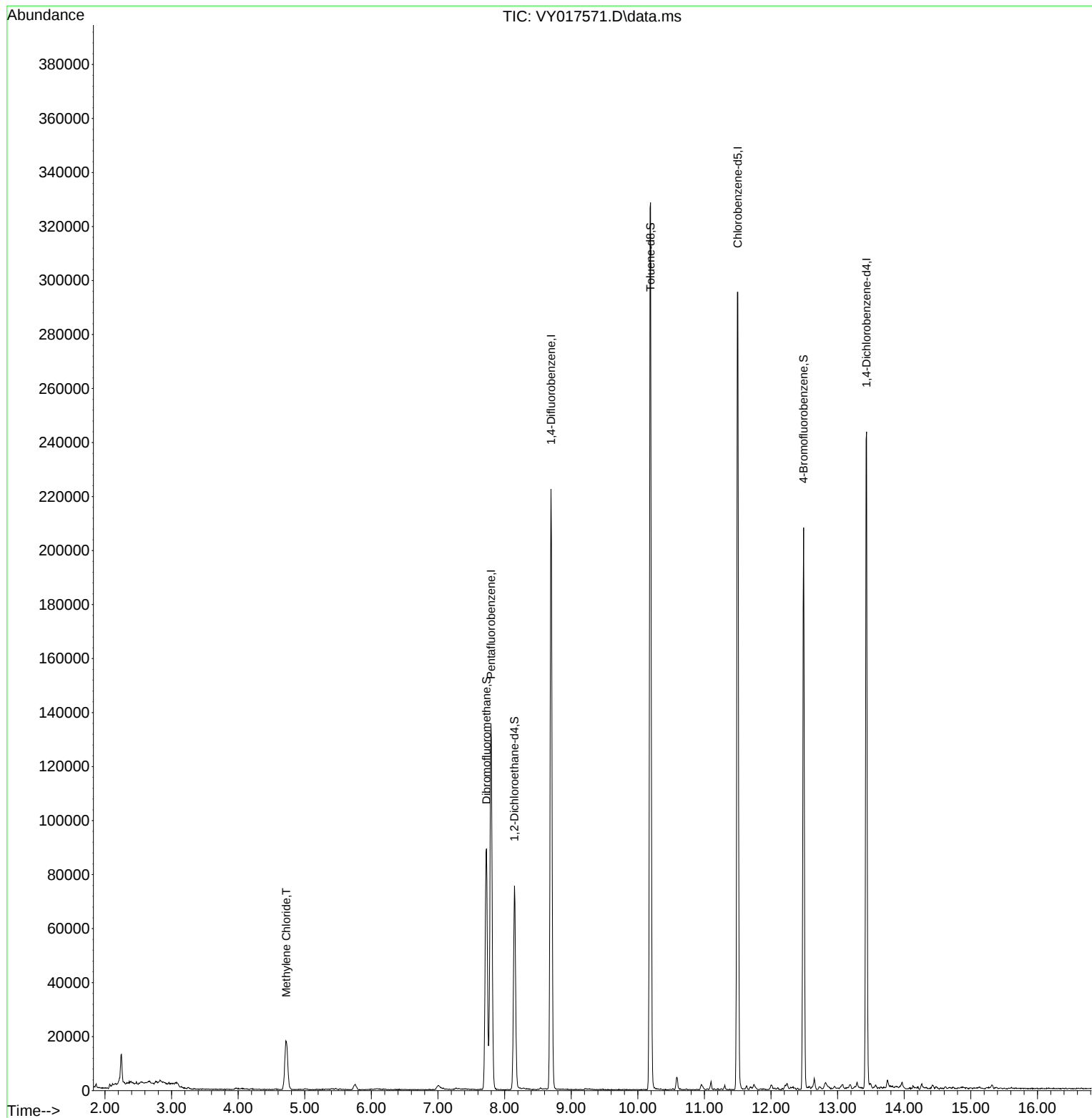
Internal Standards						
1) Pentafluorobenzene	7.795	168	111969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	199493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	178294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	66397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	55593	52.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.780%
35) Dibromofluoromethane	7.728	113	64621	46.486	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.980%
50) Toluene-d8	10.191	98	225887	46.475	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.940%
62) 4-Bromofluorobenzene	12.489	95	61532	40.283	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.560%
Target Compounds						
20) Methylene Chloride	4.722	84	14647	7.451	ug/l	Qvalue 98

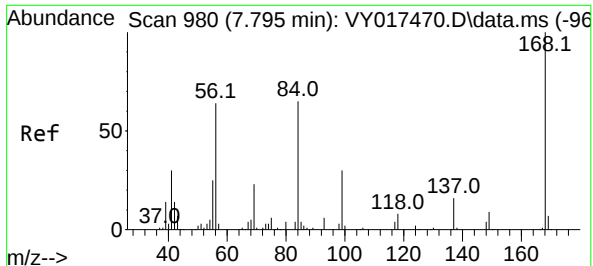
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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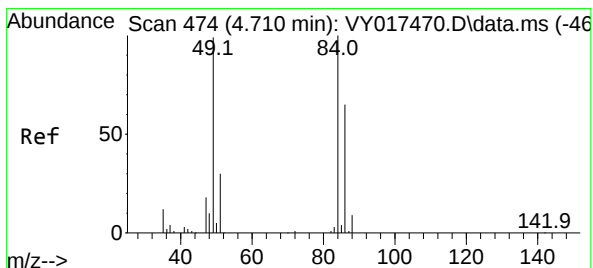
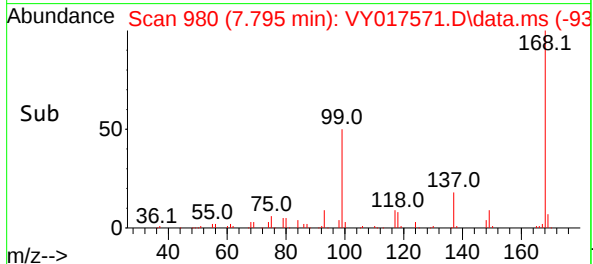
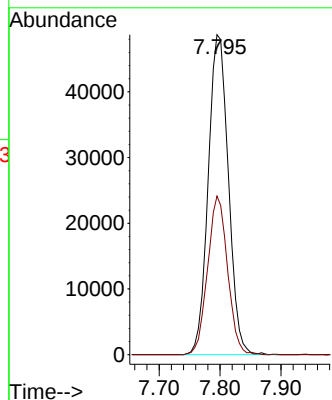
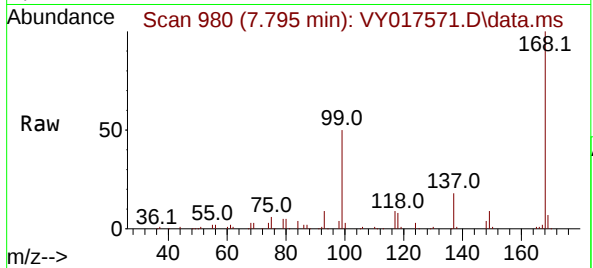




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

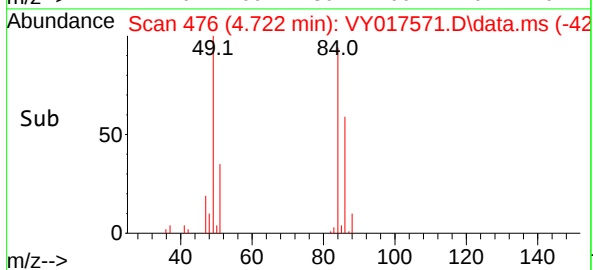
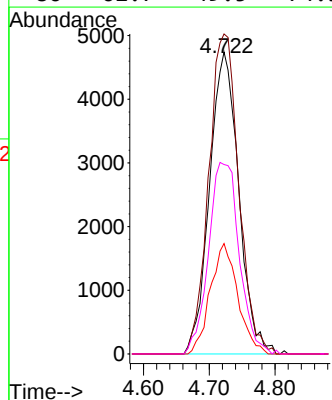
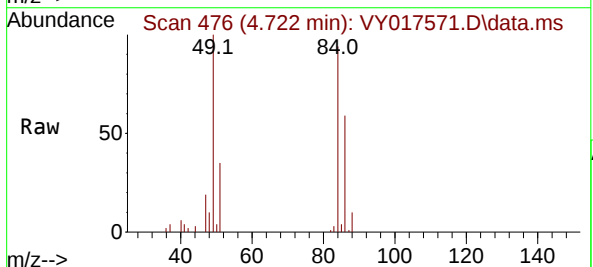
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

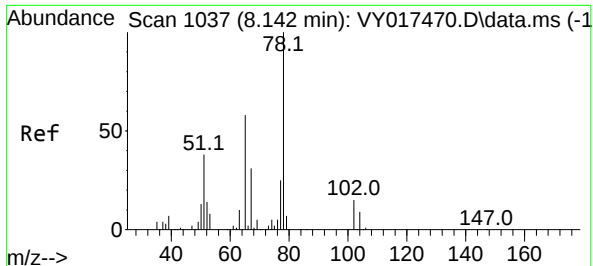
Tgt Ion:168 Resp: 111969
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7



#20
Methylene Chloride
Concen: 7.451 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

Tgt Ion: 84 Resp: 14647
Ion Ratio Lower Upper
84 100
49 106.0 84.4 126.6
51 36.6 26.0 39.0
86 62.7 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 52.389 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017571.D

Acq: 05 Mar 2024 15:07

Instrument :

MSVOA_Y

ClientSampleId :

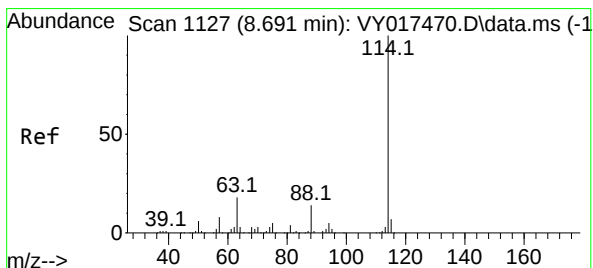
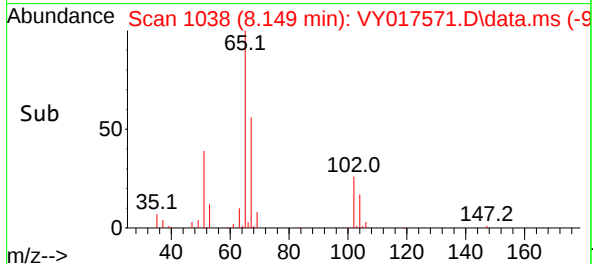
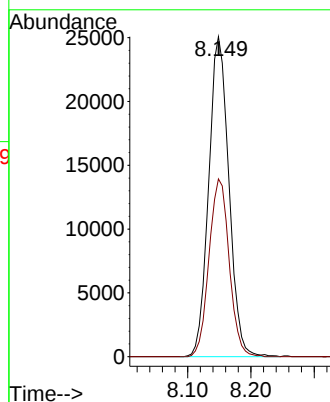
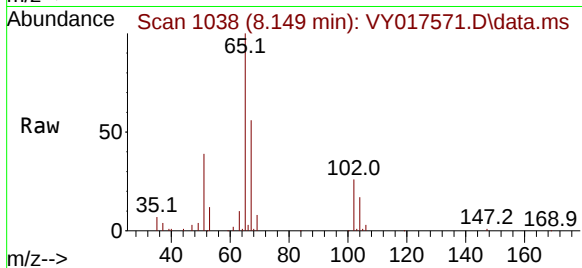
TP-5-VOC

Tgt Ion: 65 Resp: 55593

Ion Ratio Lower Upper

65 100

67 55.5 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: VY017571.D

Acq: 05 Mar 2024 15:07

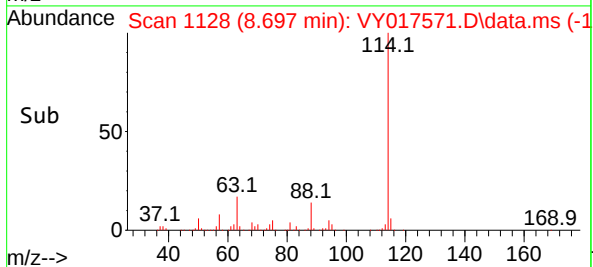
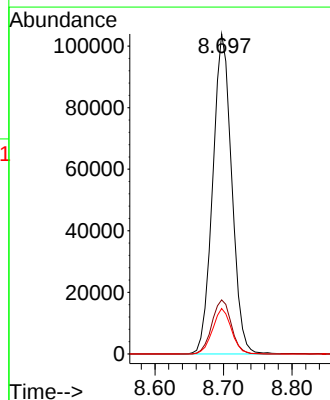
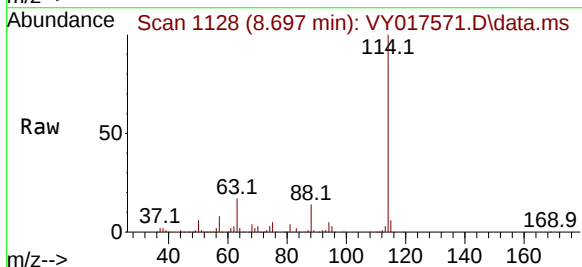
Tgt Ion: 114 Resp: 199493

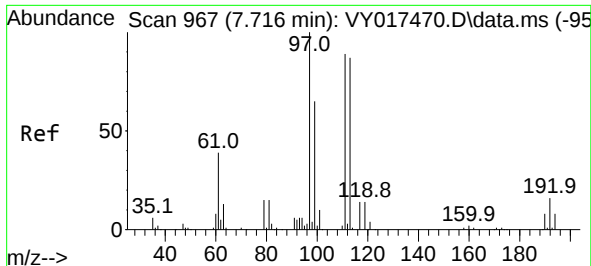
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.2 0.0 27.2

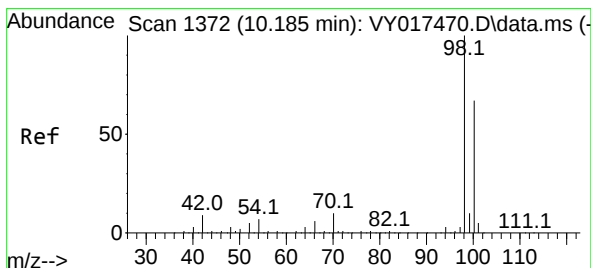
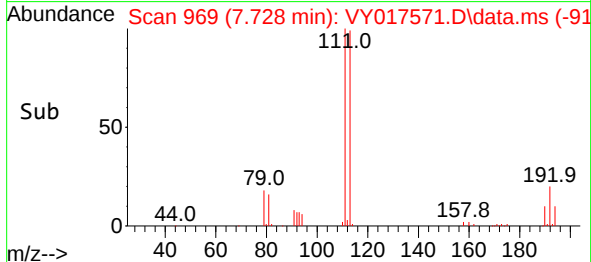
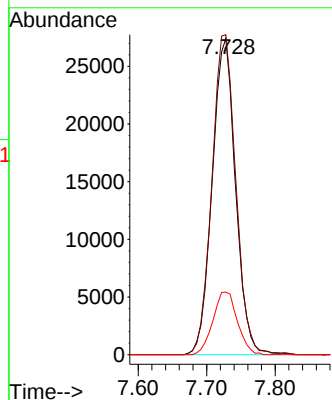
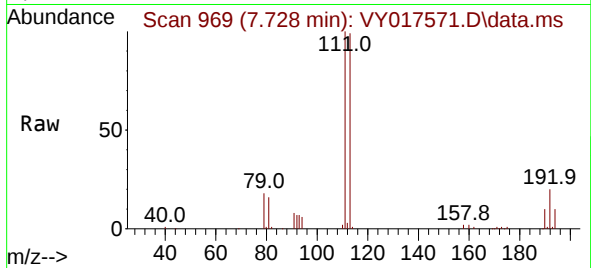




#35
Dibromofluoromethane
Concen: 46.486 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

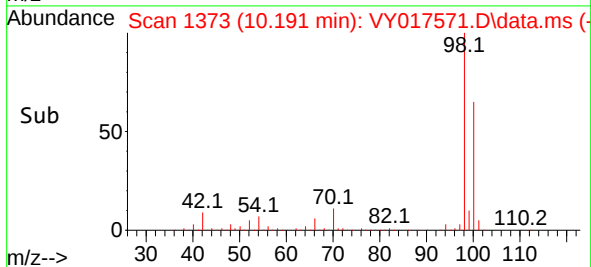
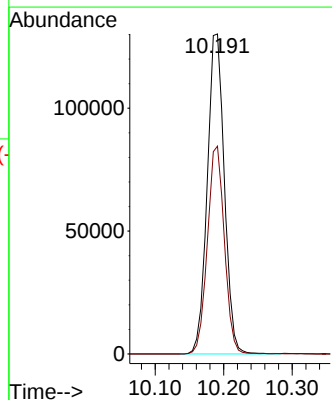
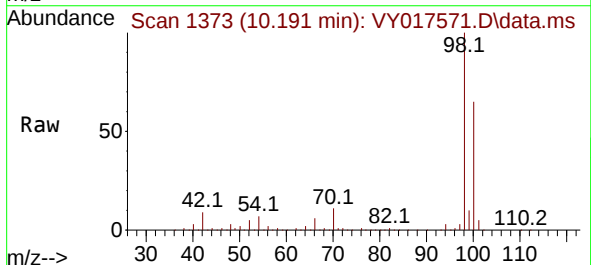
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

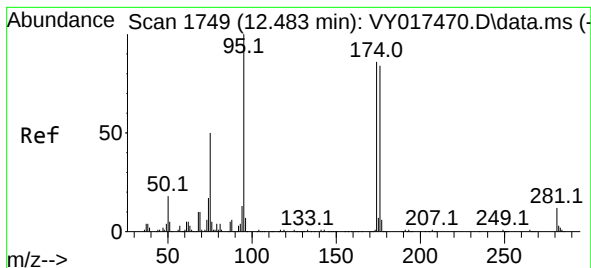
Tgt Ion:113 Resp: 64621
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 20.8 15.9 23.9



#50
Toluene-d8
Concen: 46.475 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

Tgt Ion: 98 Resp: 225887
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

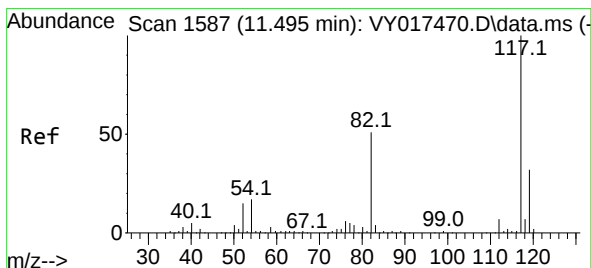
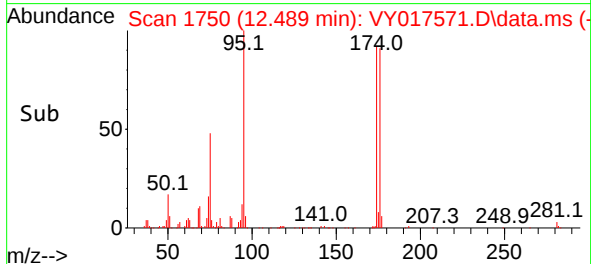
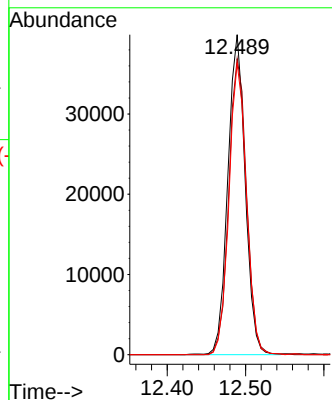
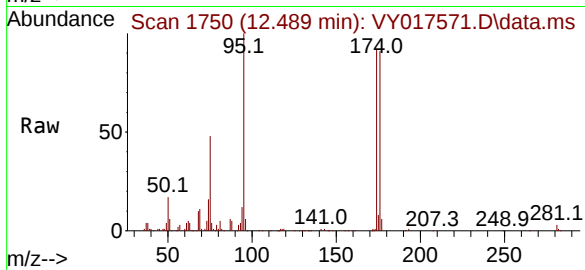




#62
4-Bromofluorobenzene
Concen: 40.283 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

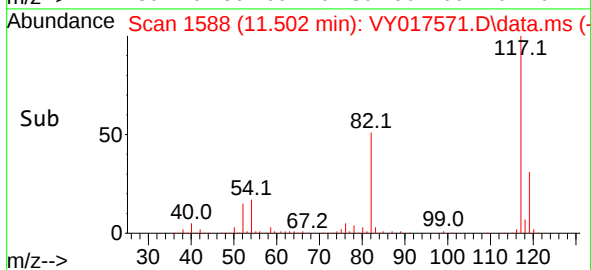
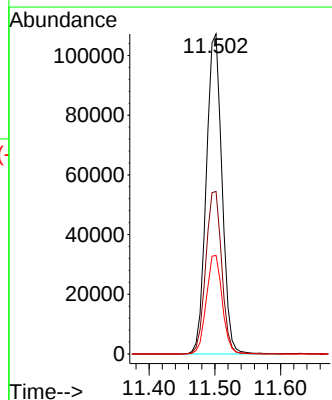
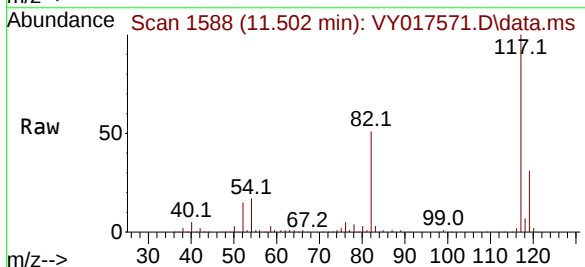
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC

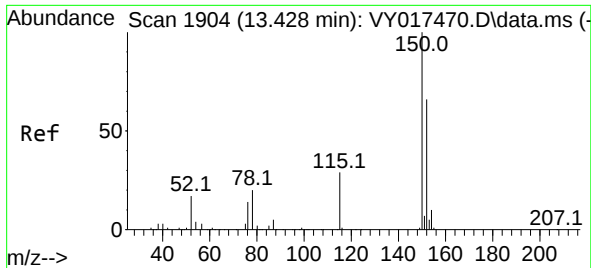
Tgt Ion: 95 Resp: 61532
Ion Ratio Lower Upper
95 100
174 94.7 0.0 175.6
176 91.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017571.D
Acq: 05 Mar 2024 15:07

Tgt Ion: 117 Resp: 178294
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 30.8 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: VY017571.D

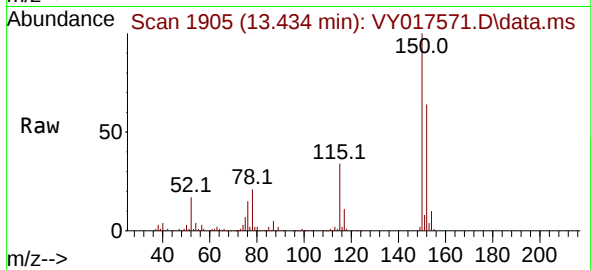
Acq: 05 Mar 2024 15:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-VOC



Tgt Ion:152 Resp: 66397

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 156.1 0.0 345.6

