

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021224\
 Data File : VY017361.D
 Acq On : 12 Feb 2024 18:17
 Operator : SY/MD
 Sample : P1453-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-VOV

Quant Time: Feb 13 01:30:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

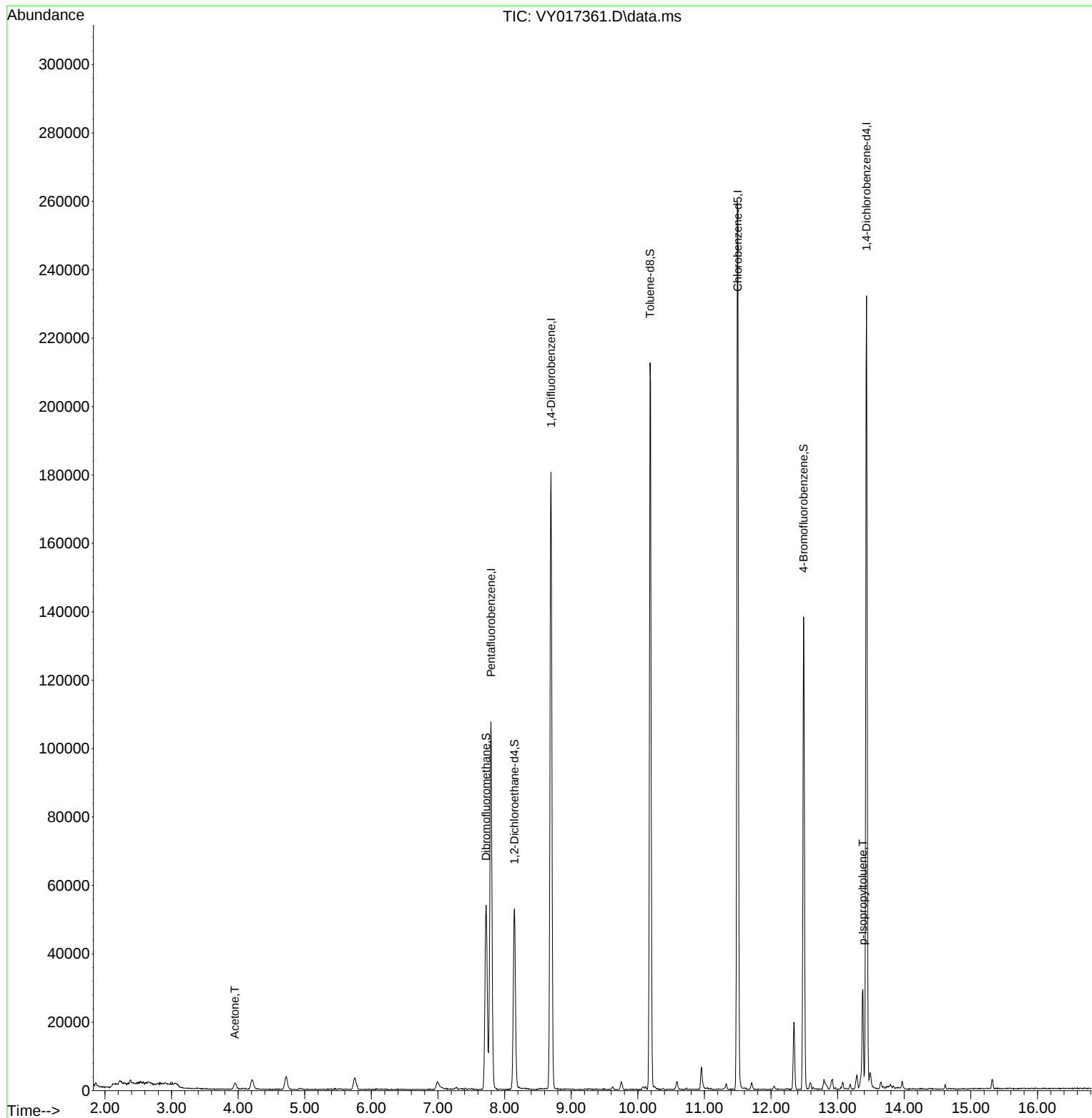
Internal Standards						
1) Pentafluorobenzene	7.795	168	80884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	158711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	143639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	58147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	40548	56.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.240%
35) Dibromofluoromethane	7.722	113	39845	46.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.000%
50) Toluene-d8	10.185	98	137975	44.222	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.440%
62) 4-Bromofluorobenzene	12.489	95	41256	40.365	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.740%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3615	17.022	ug/l	98
86) p-Isopropyltoluene	13.379	119	15467	4.253	ug/l	97

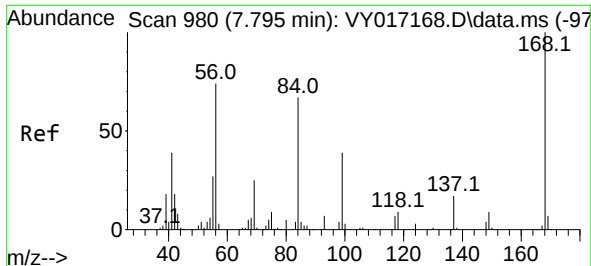
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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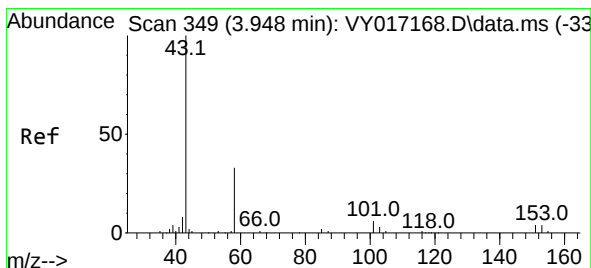
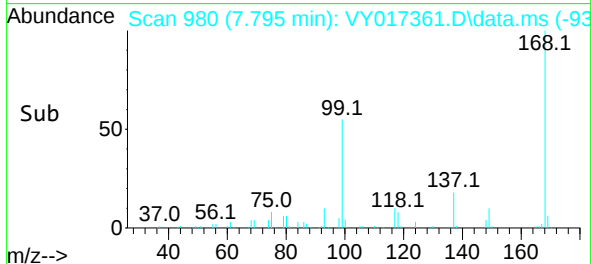
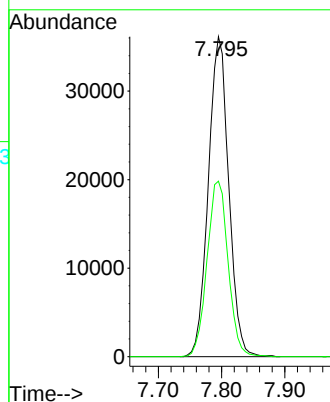
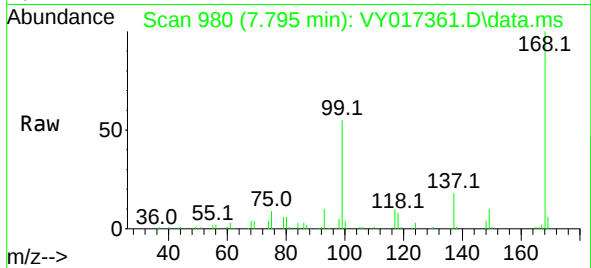




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017361.D
Acq: 12 Feb 2024 18:17

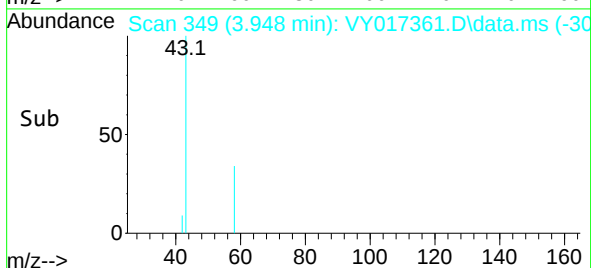
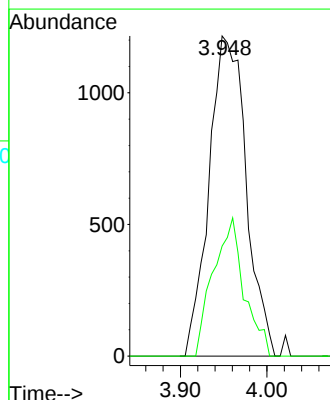
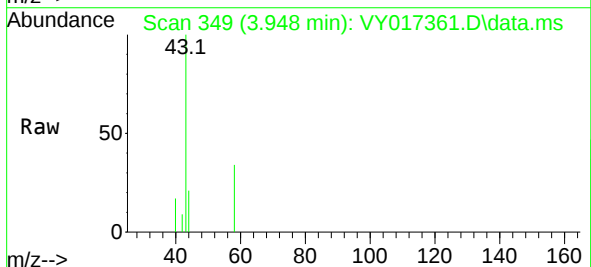
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOV

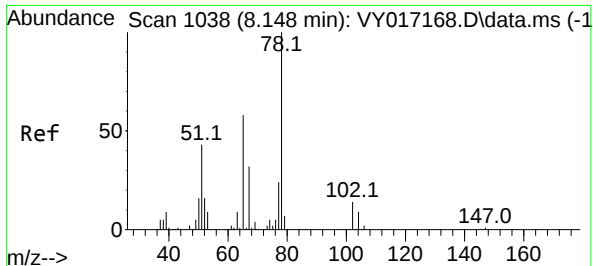
Tgt Ion:168 Resp: 80884
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#16
Acetone
Concen: 17.022 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017361.D
Acq: 12 Feb 2024 18:17

Tgt Ion: 43 Resp: 3615
Ion Ratio Lower Upper
43 100
58 34.4 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 56.117 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017361.D

Acq: 12 Feb 2024 18:17

Instrument :

MSVOA_Y

ClientSampleId :

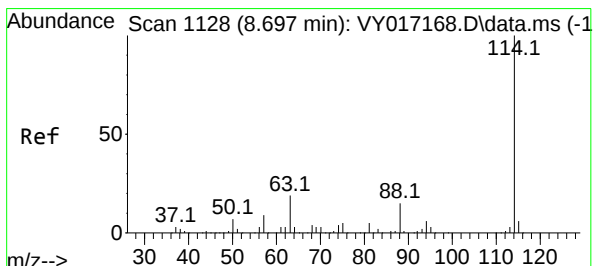
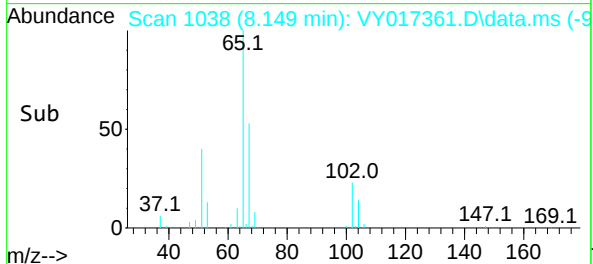
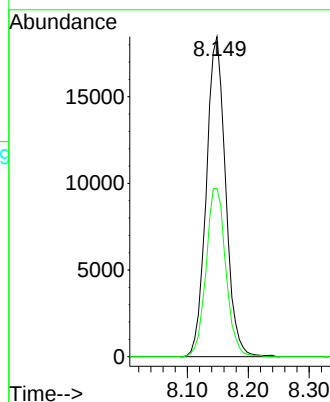
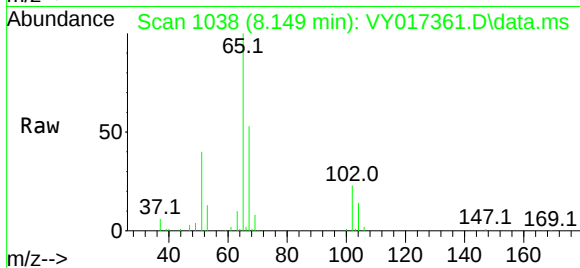
TP-3-VOV

Tgt Ion: 65 Resp: 40548

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017361.D

Acq: 12 Feb 2024 18:17

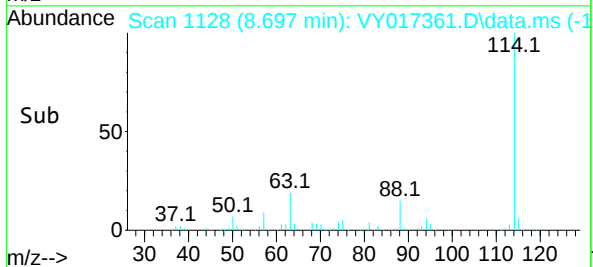
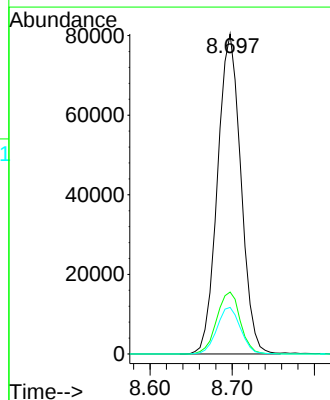
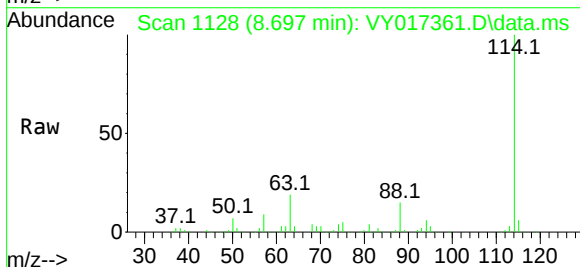
Tgt Ion: 114 Resp: 158711

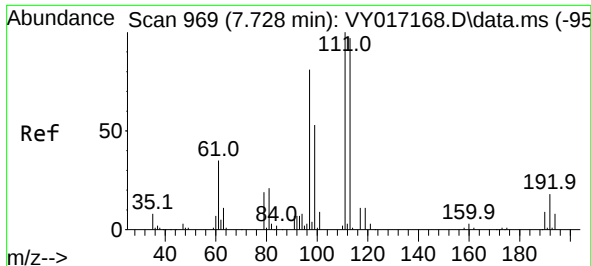
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.6 0.0 29.0

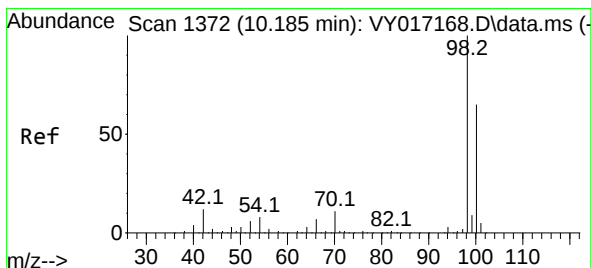
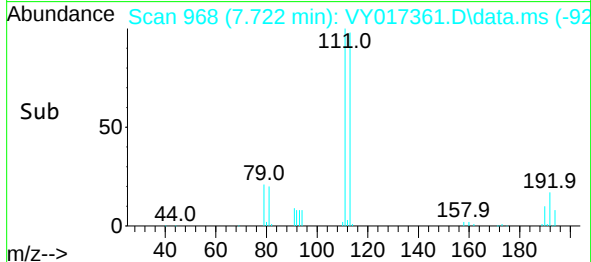
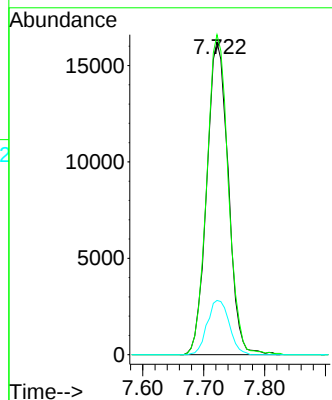
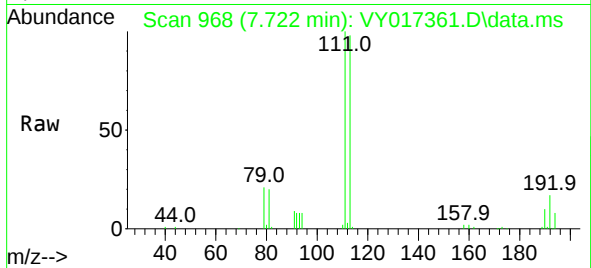




#35
Dibromofluoromethane
Concen: 46.497 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017361.D
Acq: 12 Feb 2024 18:17

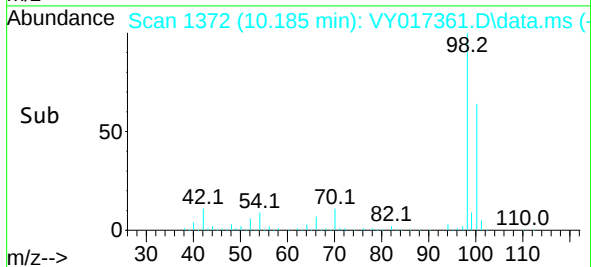
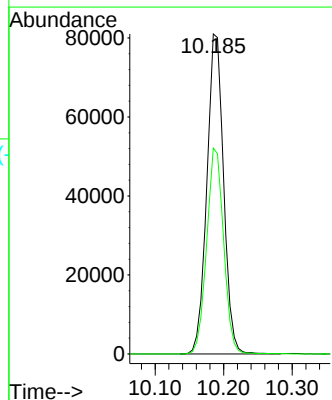
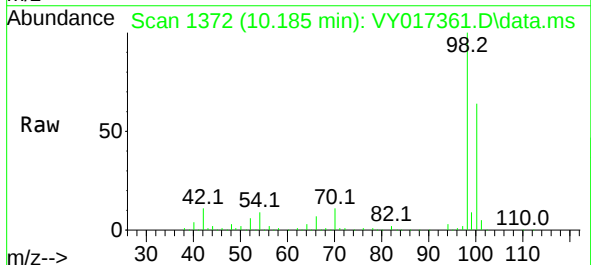
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOV

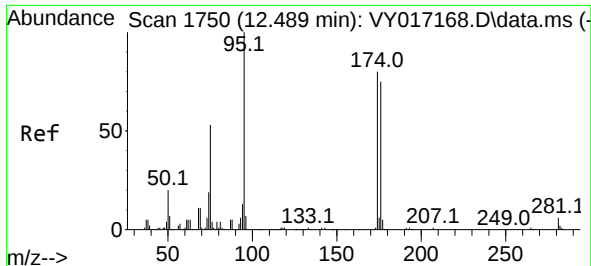
Tgt Ion:113 Resp: 39845
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 17.7 14.5 21.7



#50
Toluene-d8
Concen: 44.222 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017361.D
Acq: 12 Feb 2024 18:17

Tgt Ion: 98 Resp: 137975
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

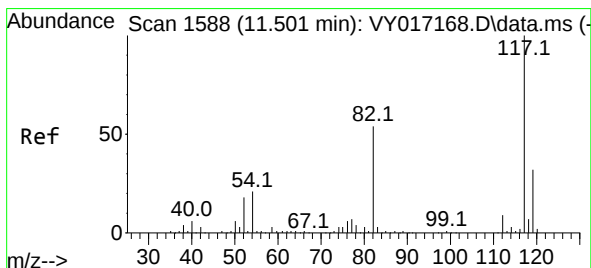
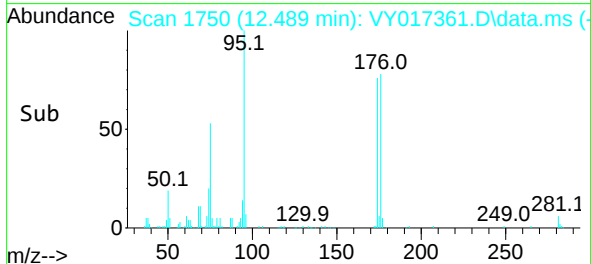
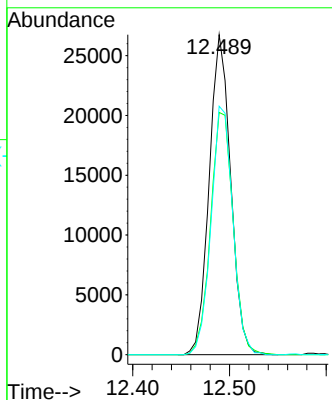
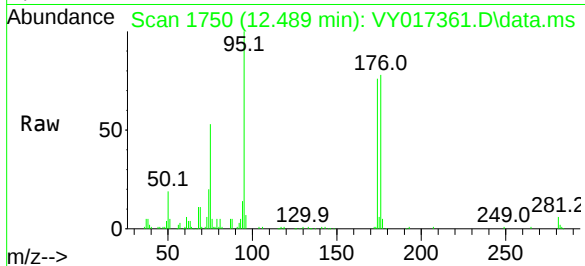




#62
4-Bromofluorobenzene
Concen: 40.365 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017361.D
Acq: 12 Feb 2024 18:17

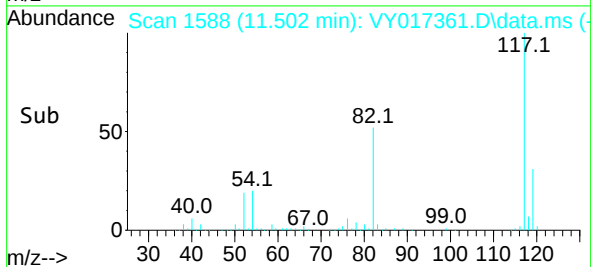
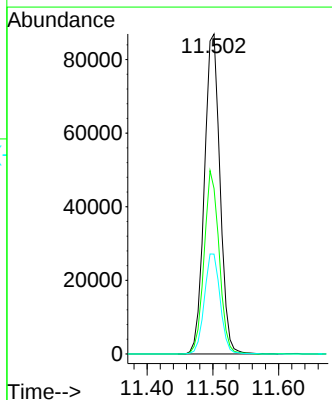
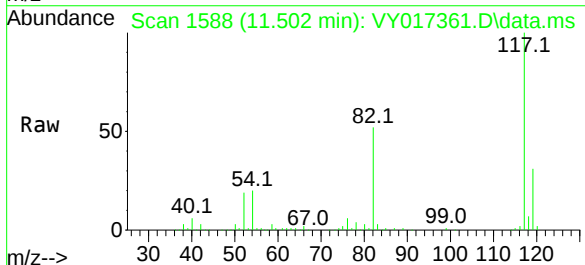
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-VOV

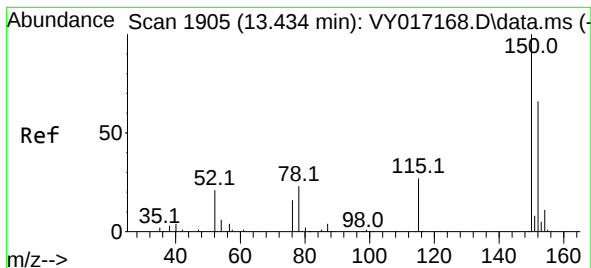
Tgt Ion:	95	Resp:	41256
Ion Ratio	Lower	Upper	
95	100		
174	79.6	0.0	160.0
176	78.6	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017361.D
Acq: 12 Feb 2024 18:17

Tgt Ion:	117	Resp:	143639
Ion Ratio	Lower	Upper	
117	100		
82	51.7	43.8	65.8
119	31.2	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017361.D

Acq: 12 Feb 2024 18:17

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-VOV

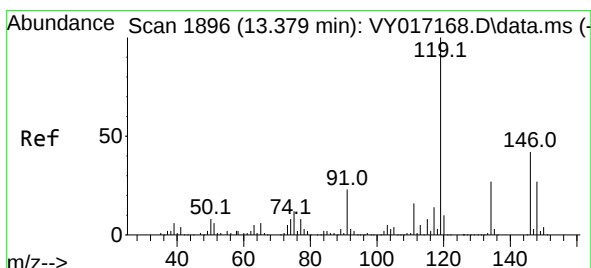
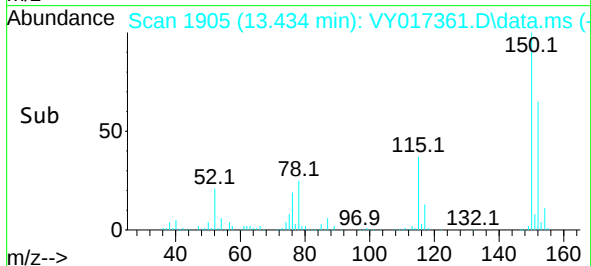
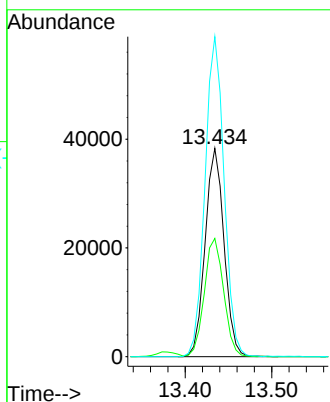
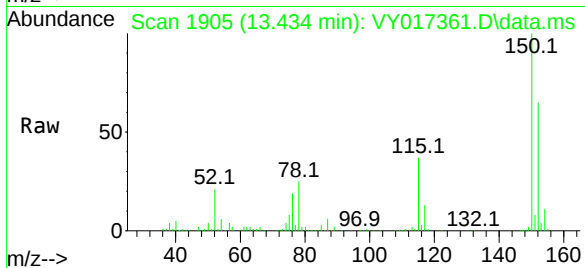
Tgt Ion:152 Resp: 58147

Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.0

150 155.2 0.0 344.6



#86

p-Isopropyltoluene

Concen: 4.253 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017361.D

Acq: 12 Feb 2024 18:17

Tgt Ion:119 Resp: 15467

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.1

91 25.8 11.7 35.0

