

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016368.D
 Acq On : 15 Nov 2023 15:57
 Operator : SY/MD
 Sample : 05412-07
 Misc : 3.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-2-VOC

Quant Time: Nov 16 00:05:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

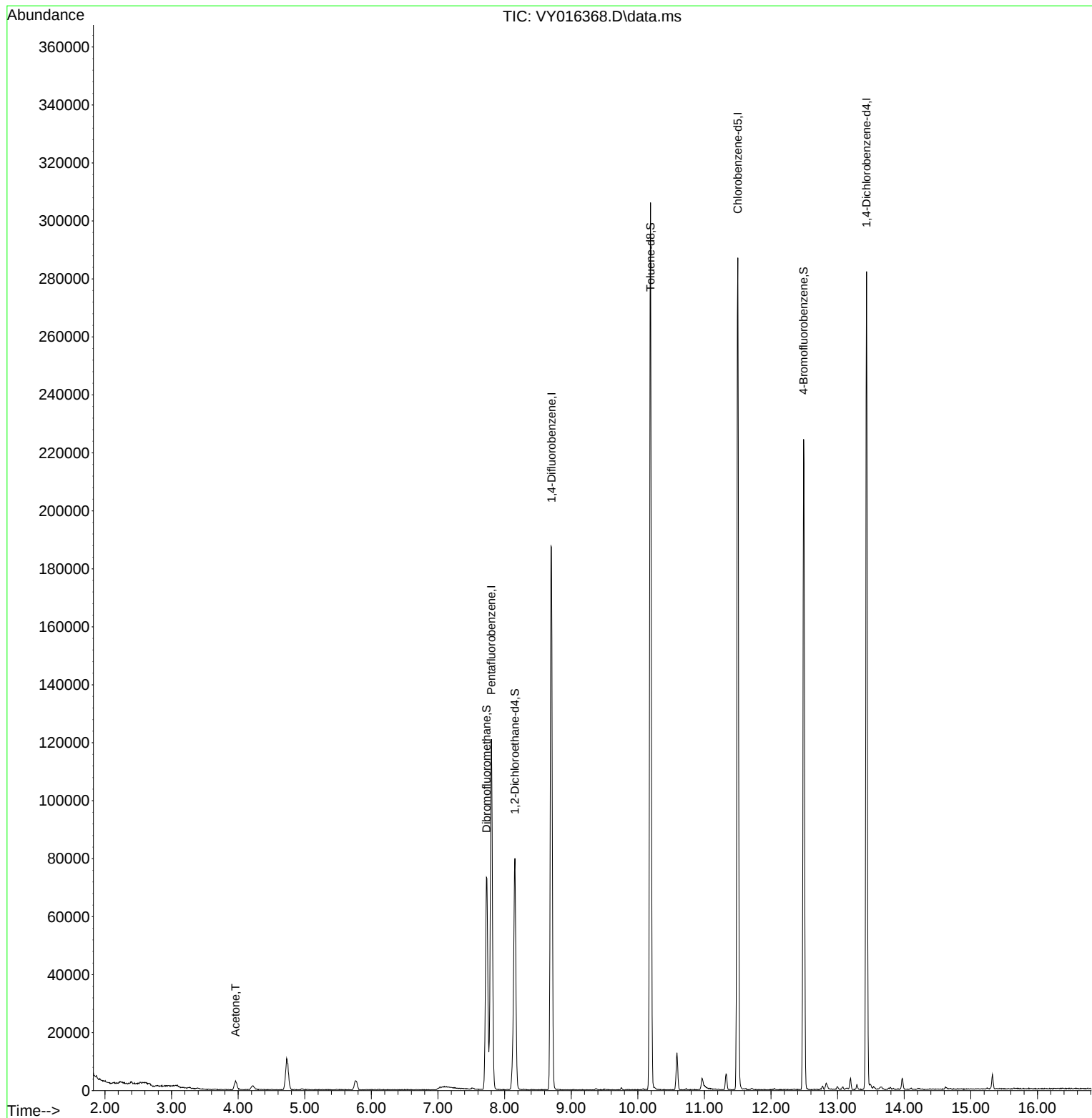
Internal Standards						
1) Pentafluorobenzene	7.801	168	94347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	169047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	163464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	59436	68.928	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.860%	
35) Dibromofluoromethane	7.728	113	53695	55.915	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.840%	
50) Toluene-d8	10.191	98	200425	51.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	12.489	95	67965	53.737	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.480%	
Target Compounds						
16) Acetone	3.960	43	5571	39.058	ug/l	Qvalue 95

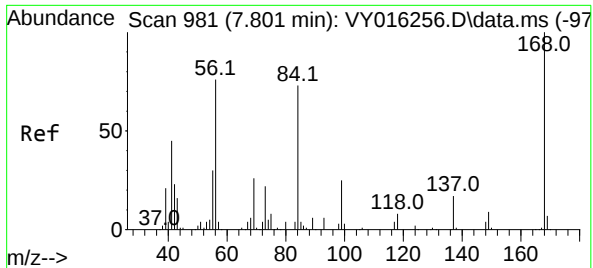
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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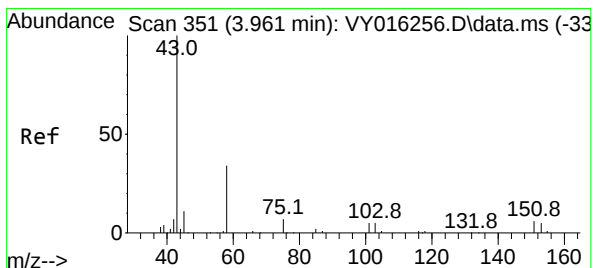
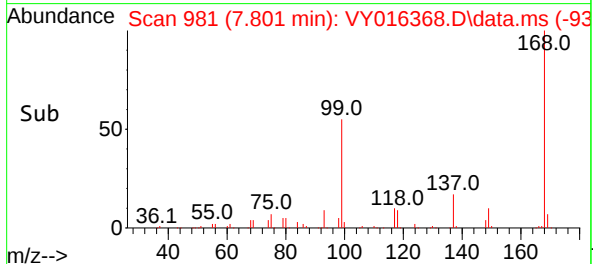
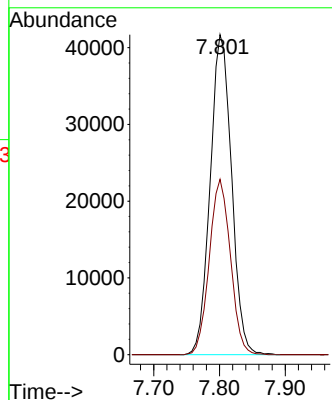
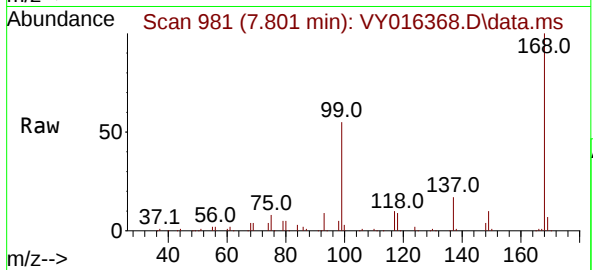




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016368.D
Acq: 15 Nov 2023 15:57

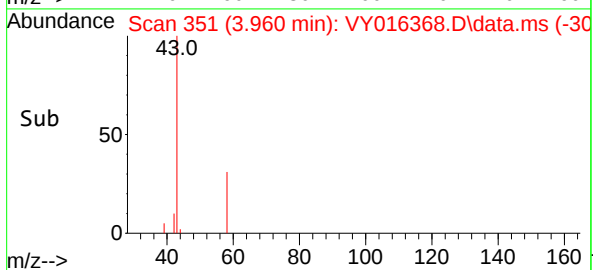
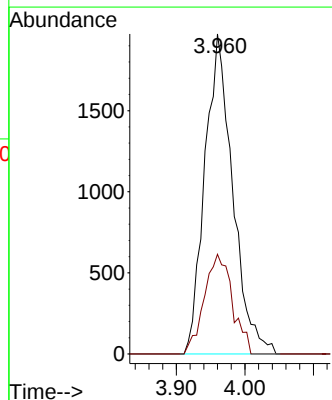
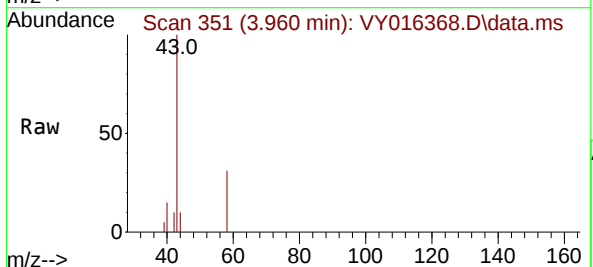
Instrument :
MSVOA_Y
ClientSampleId :
MH-2-VOC

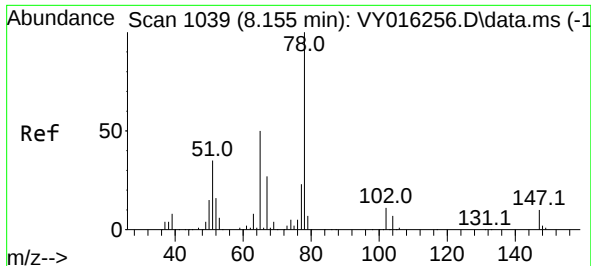
Tgt Ion:168 Resp: 94347
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#16
Acetone
Concen: 39.058 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.001 min
Lab File: VY016368.D
Acq: 15 Nov 2023 15:57

Tgt Ion: 43 Resp: 5571
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 68.928 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.001 min

Lab File: VY016368.D

Acq: 15 Nov 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :

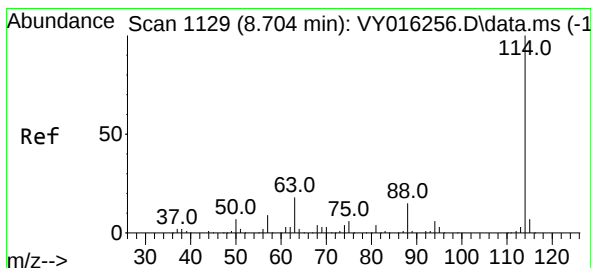
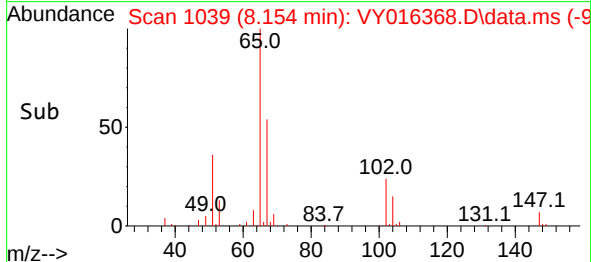
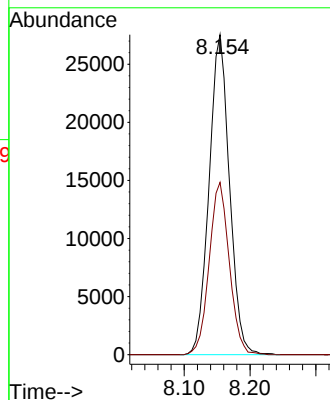
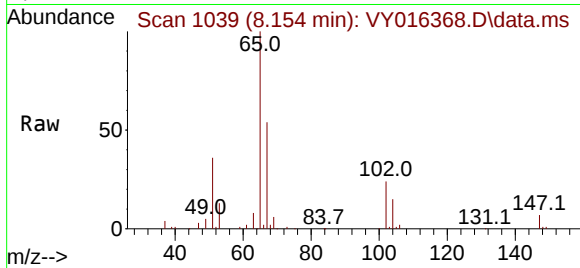
MH-2-VOC

Tgt Ion: 65 Resp: 59436

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.001 min

Lab File: VY016368.D

Acq: 15 Nov 2023 15:57

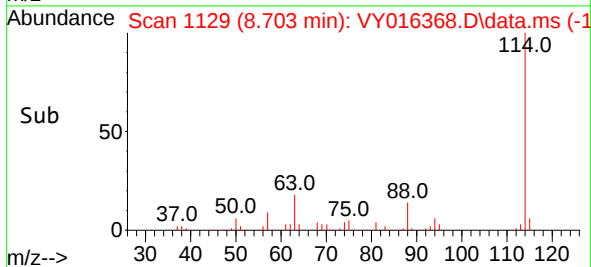
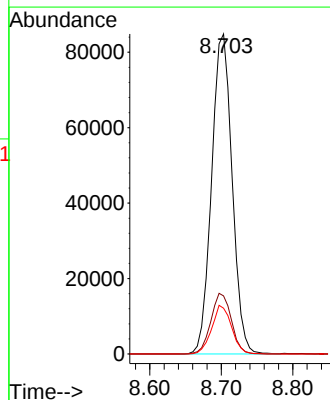
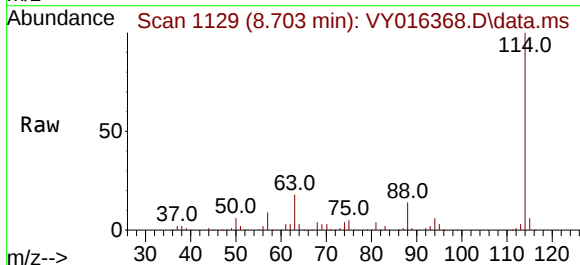
Tgt Ion: 114 Resp: 169047

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.3 0.0 30.6

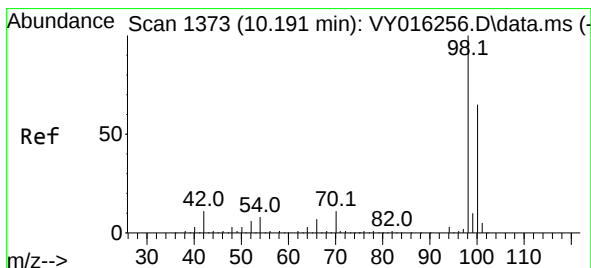
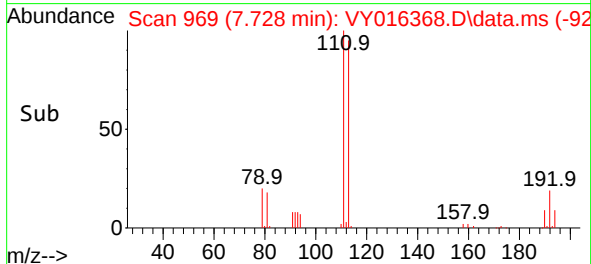
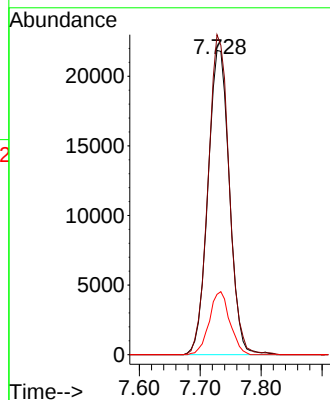
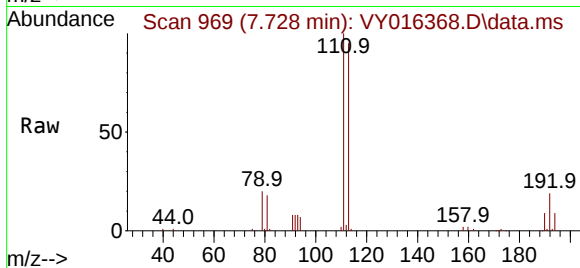




#35
Dibromofluoromethane
Concen: 55.915 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.007 min
Lab File: VY016368.D
Acq: 15 Nov 2023 15:57

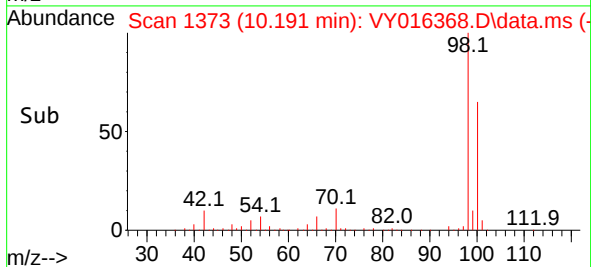
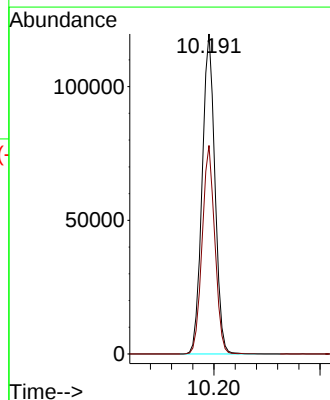
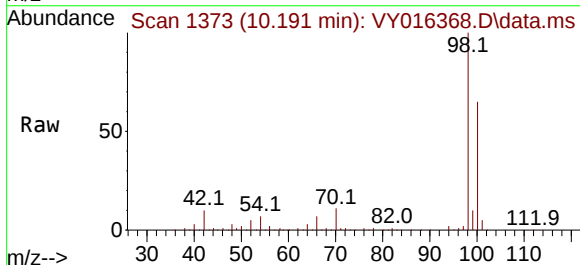
Instrument :
MSVOA_Y
ClientSampleId :
MH-2-VOC

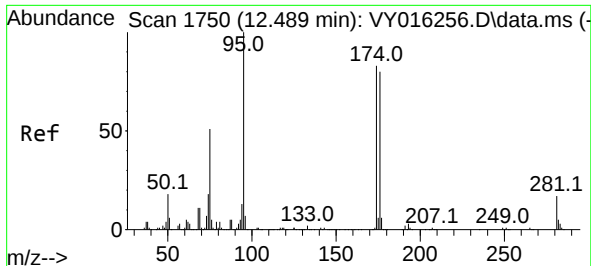
Tgt Ion:113 Resp: 53695
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 51.468 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.001 min
Lab File: VY016368.D
Acq: 15 Nov 2023 15:57

Tgt Ion: 98 Resp: 200425
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1

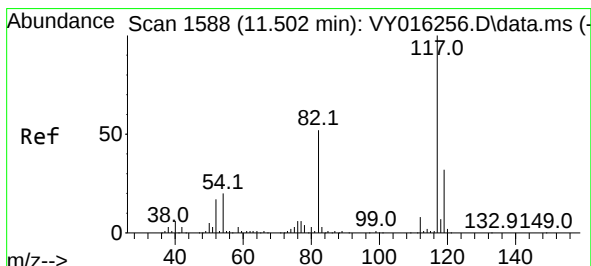
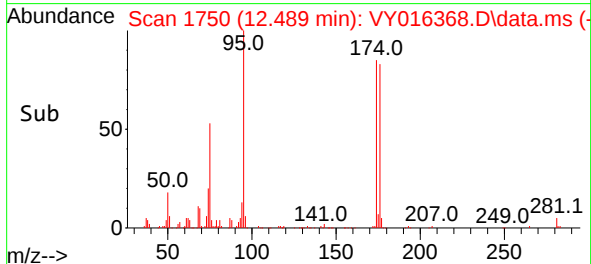
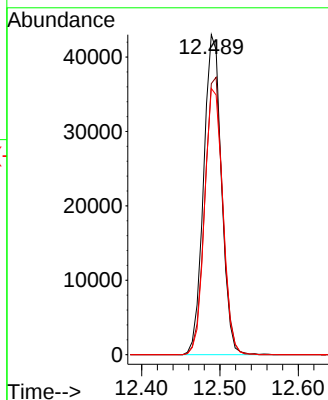
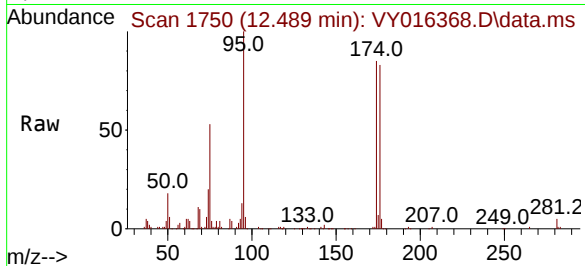




#62
4-Bromofluorobenzene
Concen: 53.737 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.001 min
Lab File: VY016368.D
Acq: 15 Nov 2023 15:57

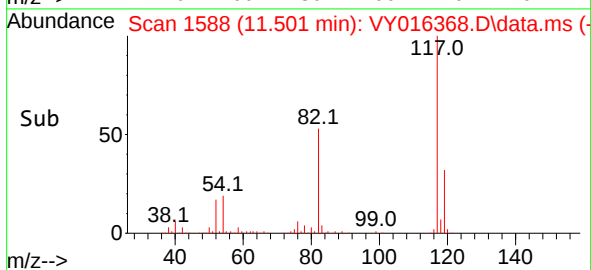
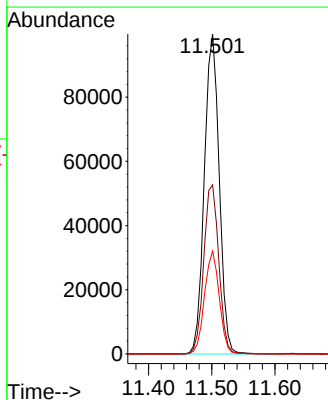
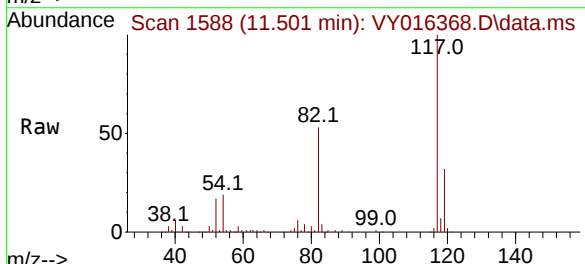
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Tgt Ion:	95	Resp:	67965
Ion Ratio	Lower	Upper	
95	100		
174	87.0	0.0	178.2
176	84.9	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. -0.001 min
Lab File: VY016368.D
Acq: 15 Nov 2023 15:57

Tgt Ion:	117	Resp:	163464
Ion Ratio	Lower	Upper	
117	100		
82	52.9	43.4	65.0
119	32.1	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.001 min

Lab File: VY016368.D

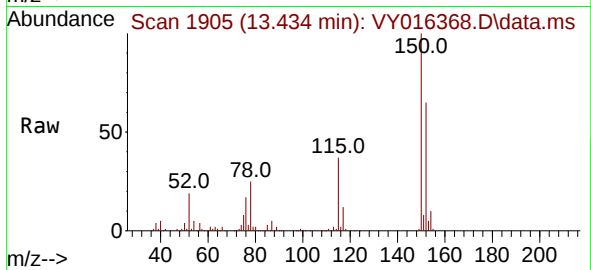
Acq: 15 Nov 2023 15:57

Instrument :

MSVOA_Y

ClientSampleId :

MH-2-VOC



Tgt Ion:152 Resp: 72616

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 158.7 0.0 348.8

