

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015336.D
 Acq On : 25 Aug 2023 12:43
 Operator : SY/MD
 Sample : 04091-13
 Misc : 4.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-H

Quant Time: Aug 25 13:45:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

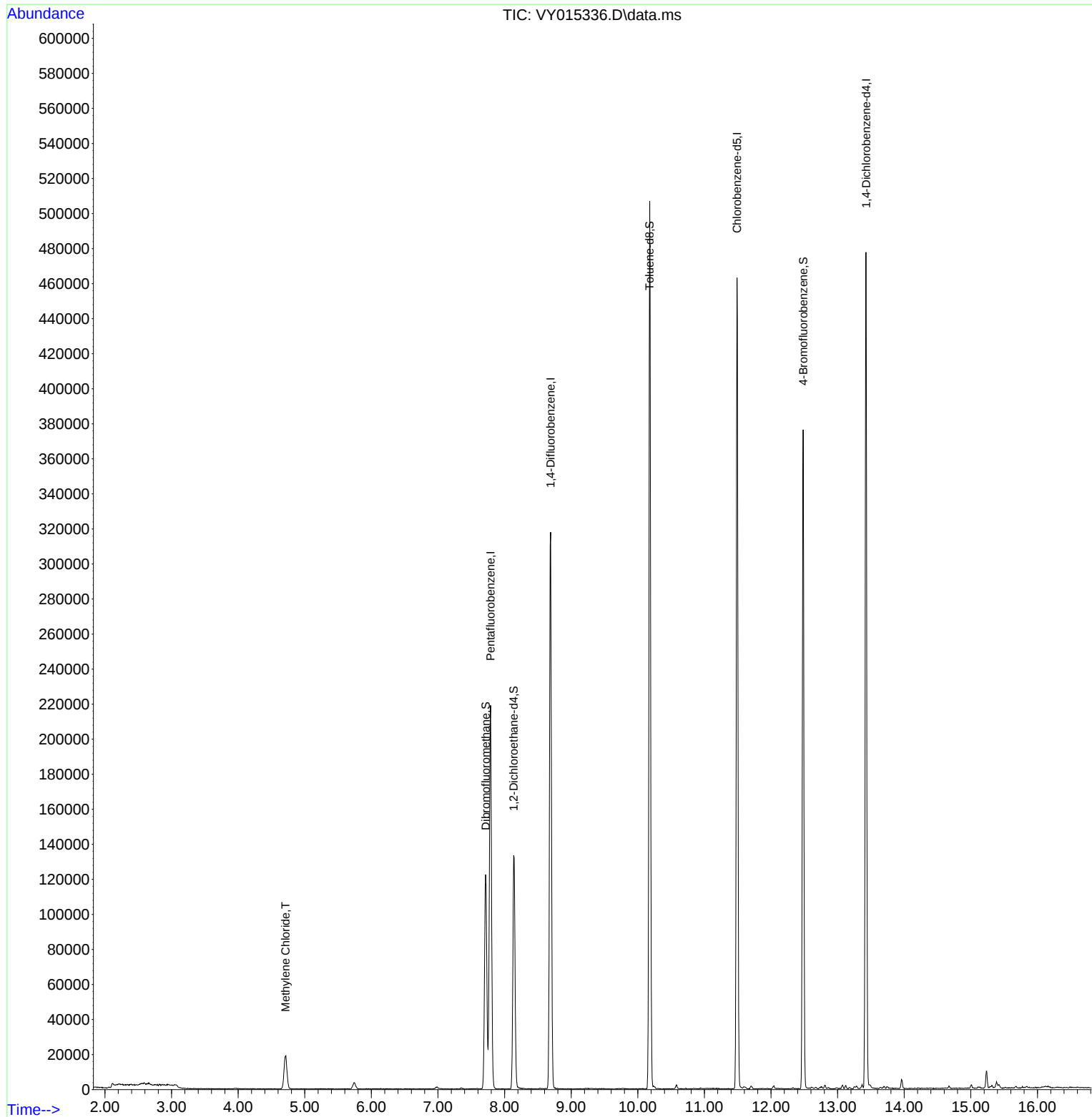
Internal Standards						
1) Pentafluorobenzene	7.789	168	167589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	254540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107100	53.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.480%
35) Dibromofluoromethane	7.716	113	87674	48.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.340%
50) Toluene-d8	10.179	98	324751	48.427	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.483	95	113376	46.288	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.580%
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	14221	5.150	ug/l	96

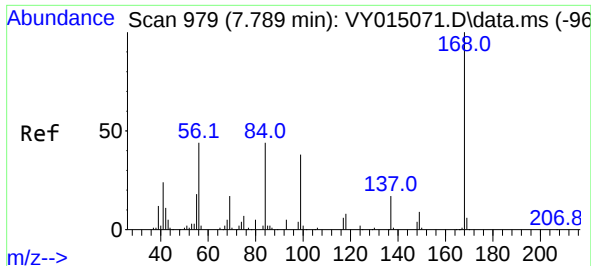
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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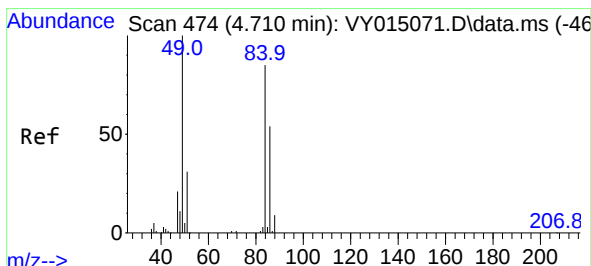
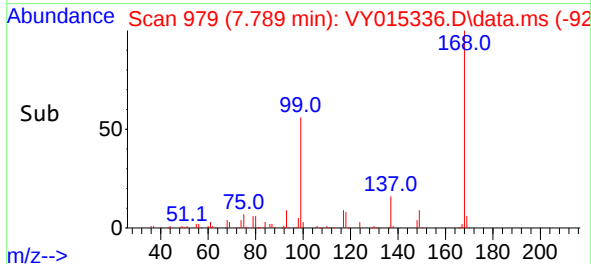
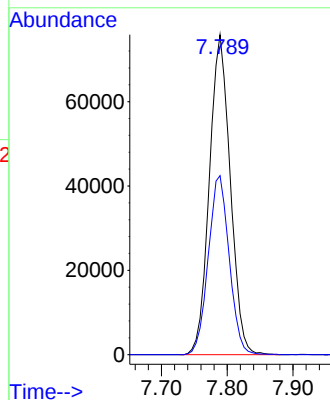
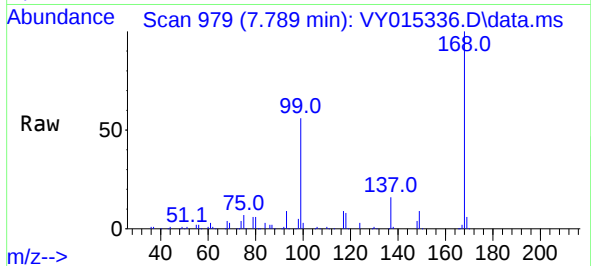




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

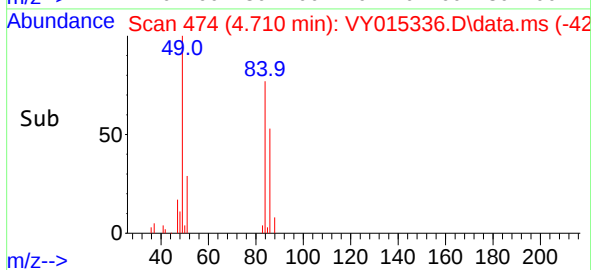
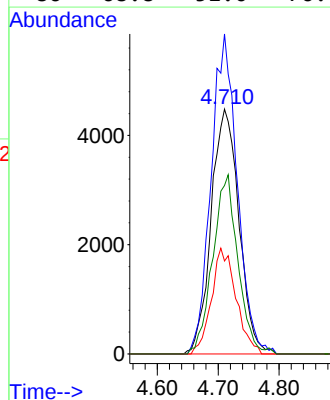
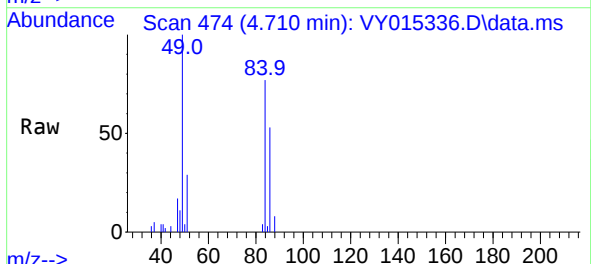
Instrument :
MSVOA_Y
ClientSampleId :
TP-H

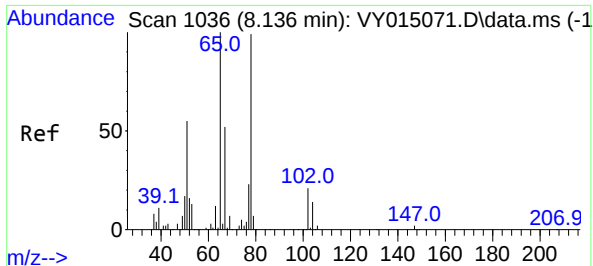
Tgt Ion:168 Resp: 167589
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#20
Methylene Chloride
Concen: 5.150 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

Tgt Ion: 84 Resp: 14221
Ion Ratio Lower Upper
84 100
49 130.7 106.9 160.3
51 38.0 33.2 49.8
86 68.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.237 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015336.D

Acq: 25 Aug 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

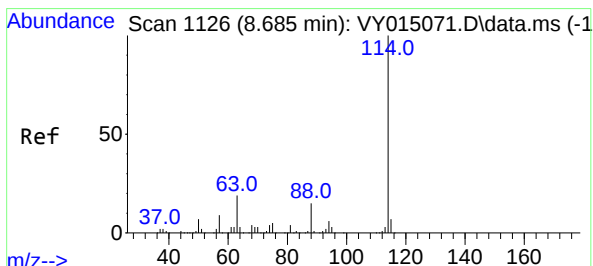
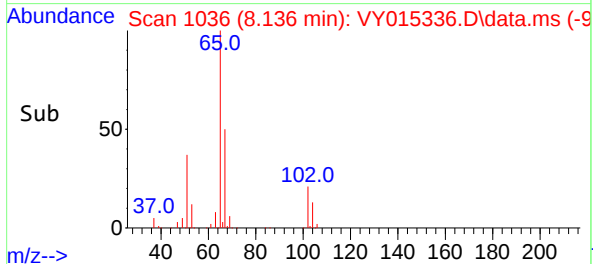
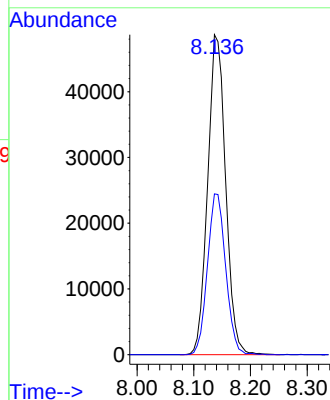
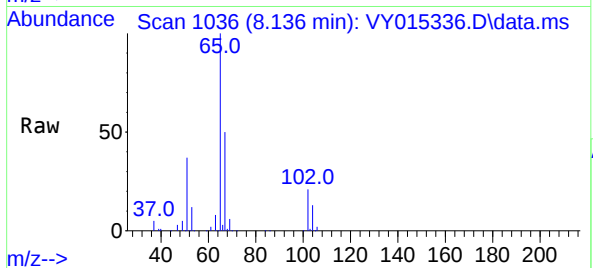
TP-H

Tgt Ion: 65 Resp: 107100

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015336.D

Acq: 25 Aug 2023 12:43

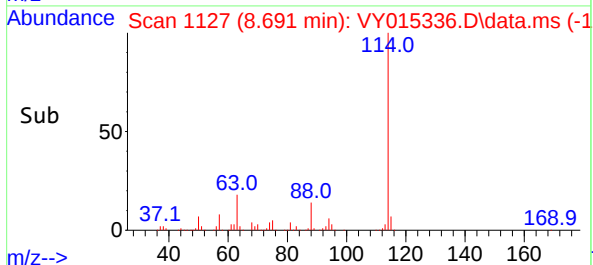
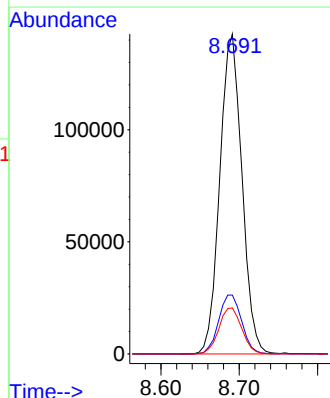
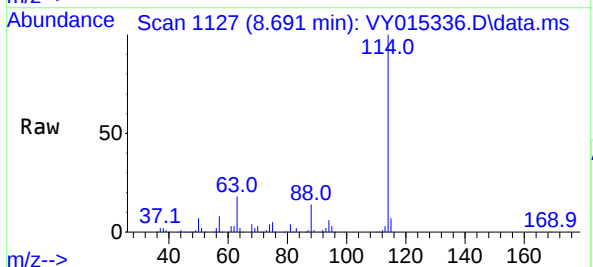
Tgt Ion: 114 Resp: 280015

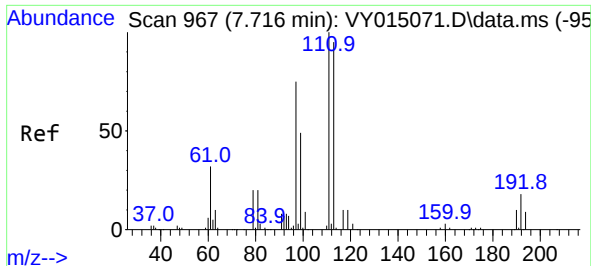
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.4 0.0 30.6

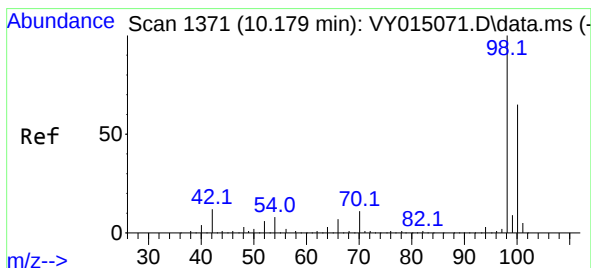
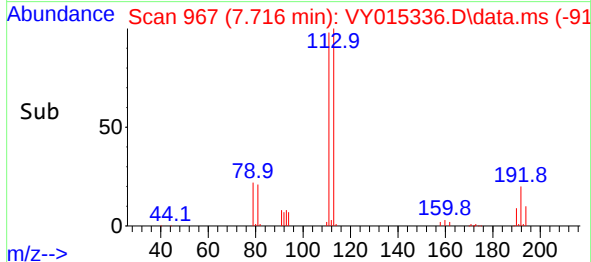
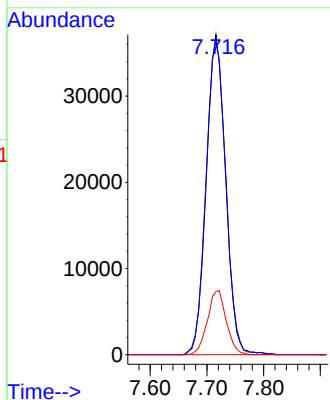
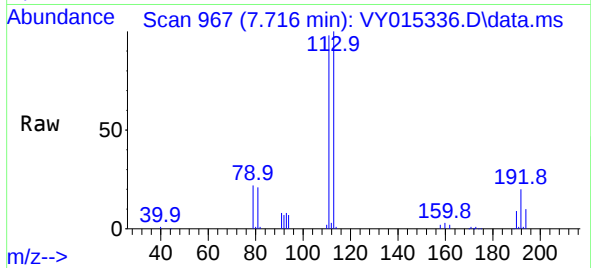




#35
Dibromofluoromethane
Concen: 48.669 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

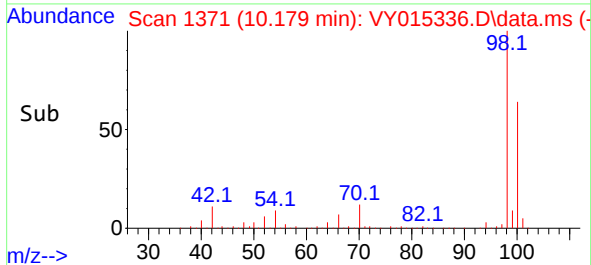
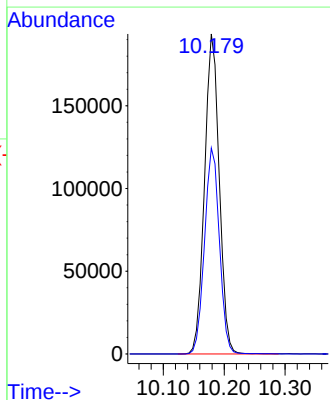
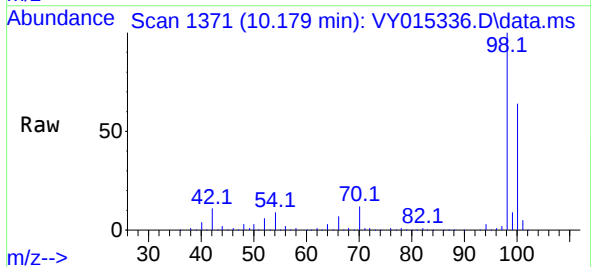
Instrument :
MSVOA_Y
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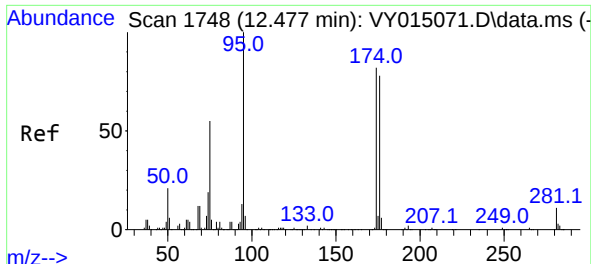
Tgt Ion:113 Resp: 87674
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 48.427 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

Tgt Ion: 98 Resp: 324751
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

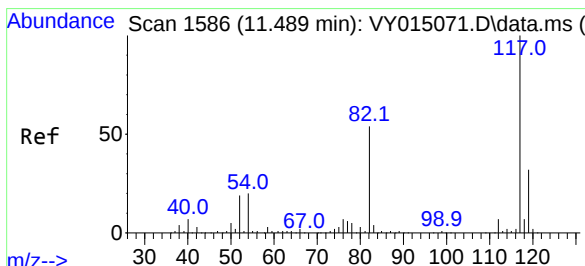
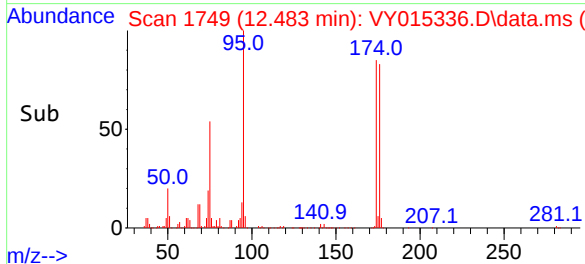
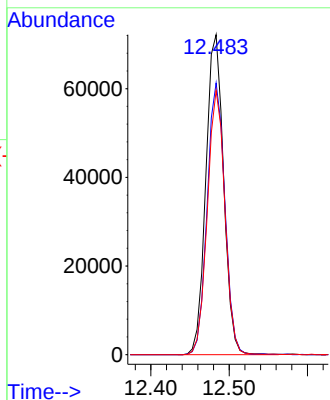
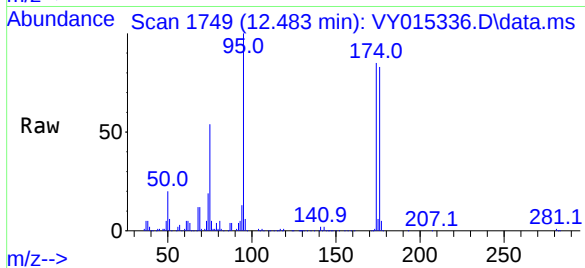




#62
4-Bromofluorobenzene
Concen: 46.288 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

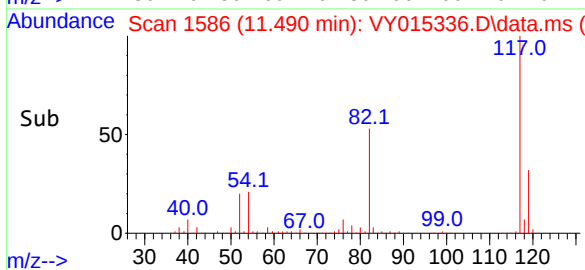
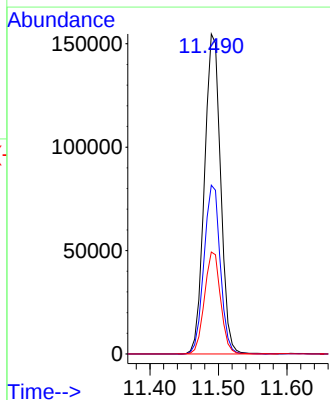
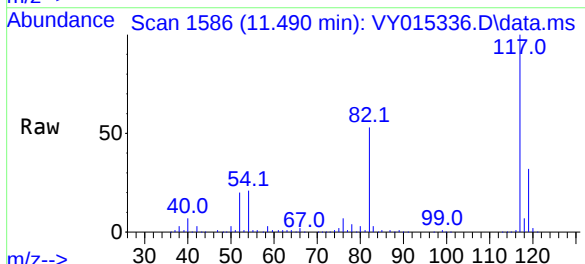
Instrument :
MSVOA_Y
ClientSampleId :
TP-H

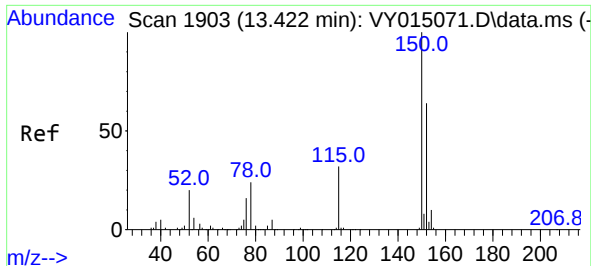
Tgt Ion: 95 Resp: 113376
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 81.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015336.D
Acq: 25 Aug 2023 12:43

Tgt Ion: 117 Resp: 254540
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015336.D

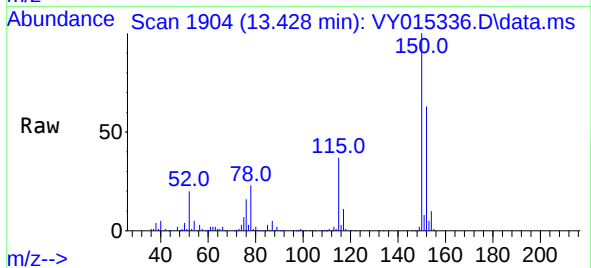
Acq: 25 Aug 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

TP-H



Tgt Ion:152 Resp: 124187

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 158.4 0.0 348.8

