

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017296.D
 Acq On : 07 Feb 2024 18:00
 Operator : SY/MD
 Sample : P1336-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 356

Quant Time: Feb 08 01:46:02 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)

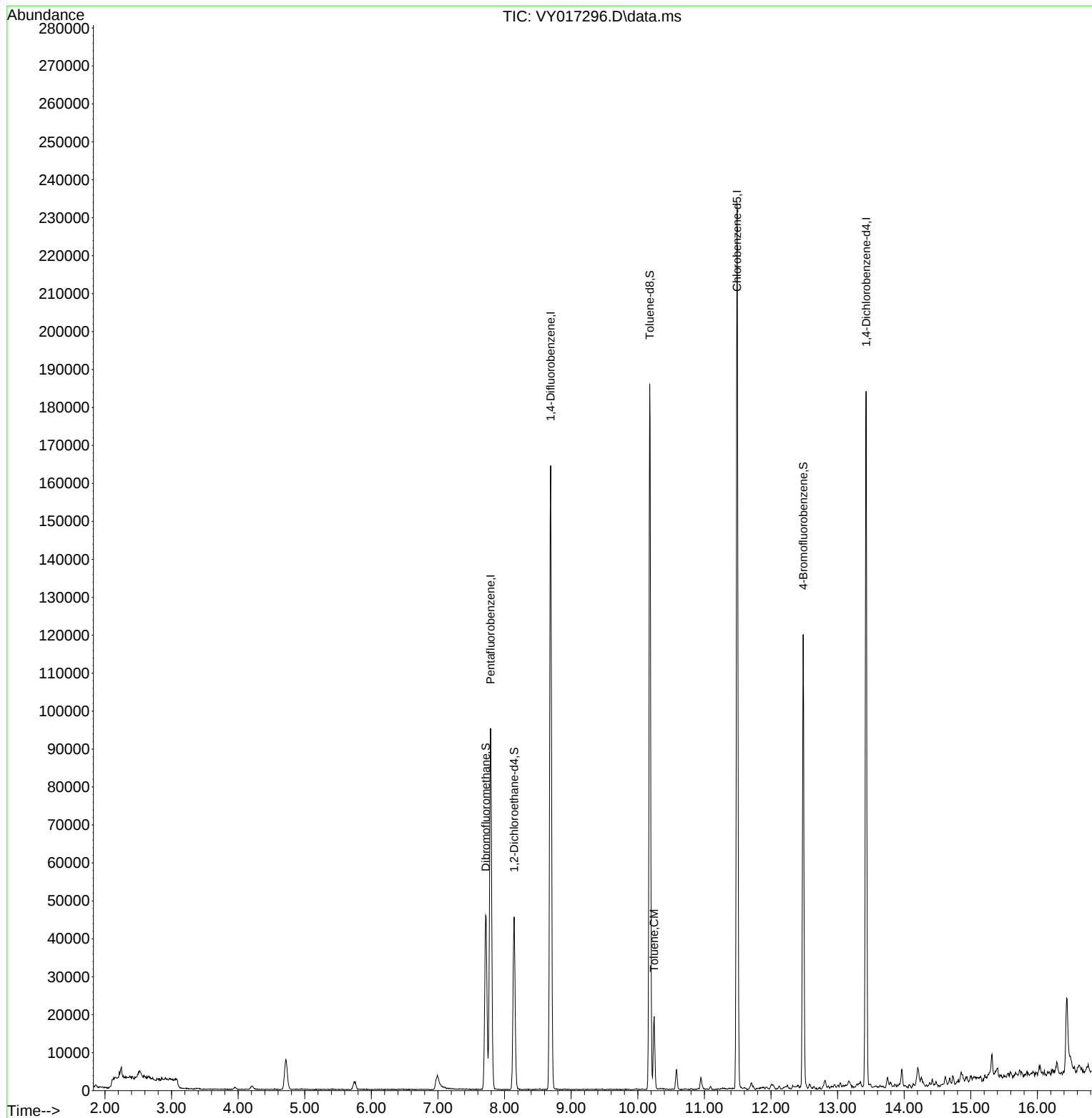
Internal Standards						
1) Pentafluorobenzene	7.789	168	68056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	117013	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	43054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	33517	55.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.260%
35) Dibromofluoromethane	7.716	113	32723	44.905	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.800%
50) Toluene-d8	10.179	98	117662	44.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.700%
62) 4-Bromofluorobenzene	12.483	95	32853	37.799	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.600%
Target Compounds						
52) Toluene	10.246	92	7699	3.553	ug/l	Qvalue 99

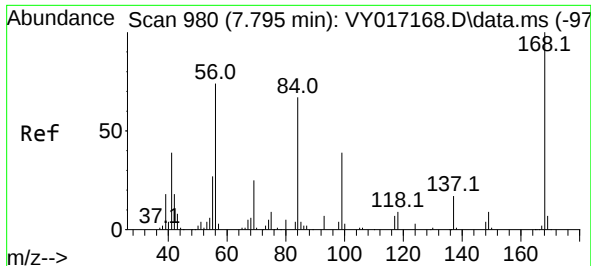
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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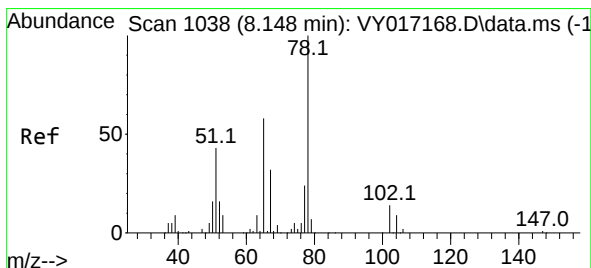
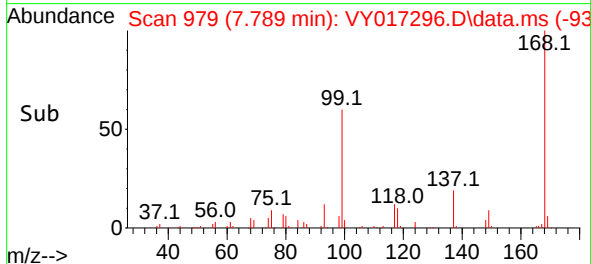
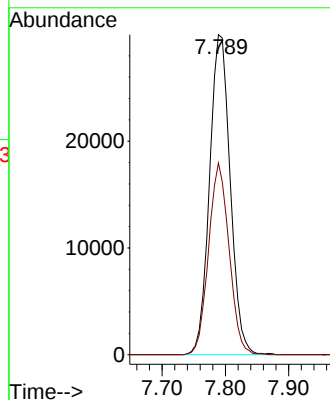
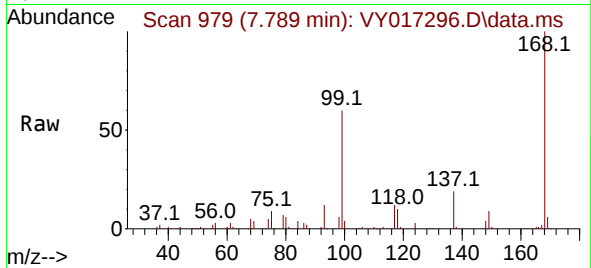




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017296.D
Acq: 07 Feb 2024 18:00

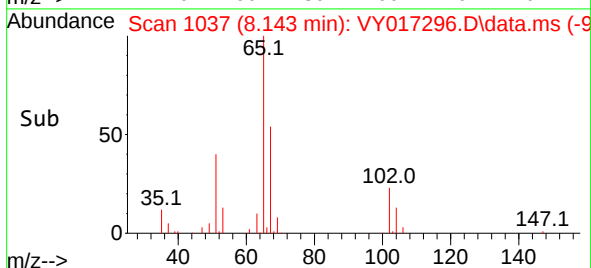
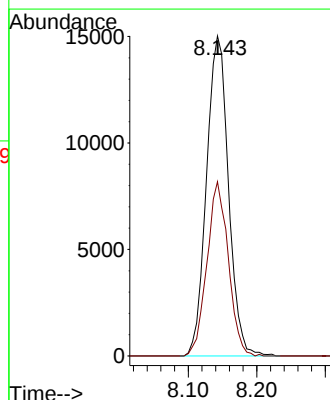
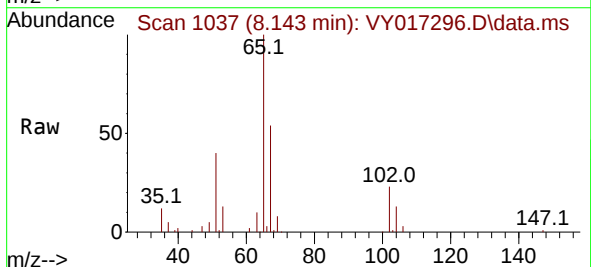
Instrument :
MSVOA_Y
ClientSampleId :
356

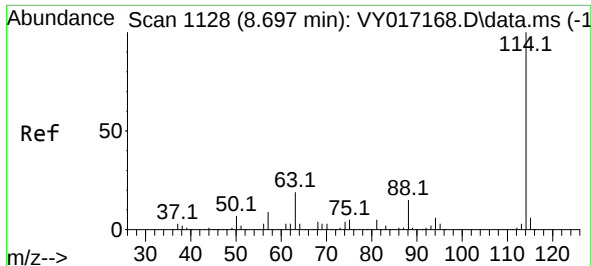
Tgt Ion:168 Resp: 68056
Ion Ratio Lower Upper
168 100
99 59.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 55.129 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017296.D
Acq: 07 Feb 2024 18:00

Tgt Ion: 65 Resp: 33517
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017296.D

Acq: 07 Feb 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

356

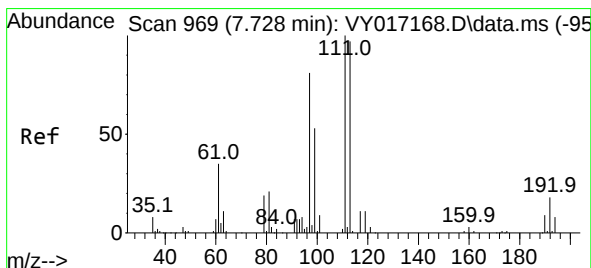
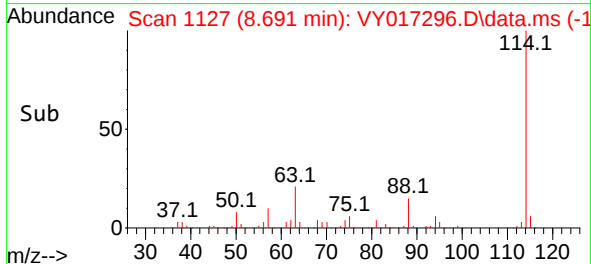
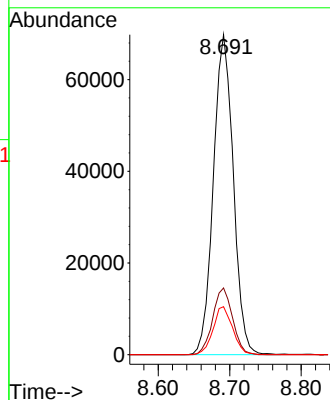
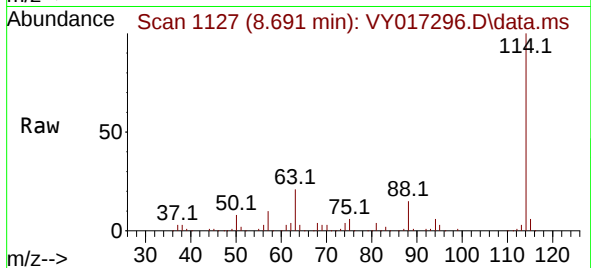
Tgt Ion:114 Resp: 134964

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.905 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017296.D

Acq: 07 Feb 2024 18:00

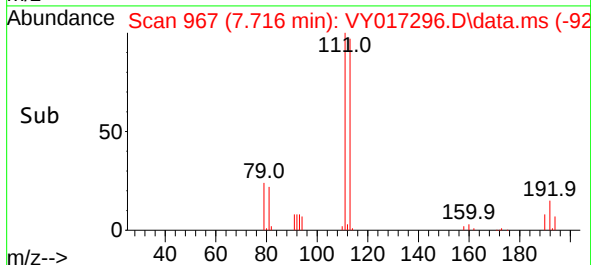
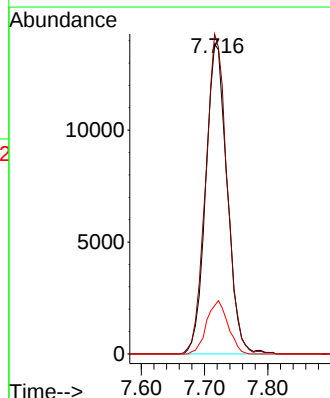
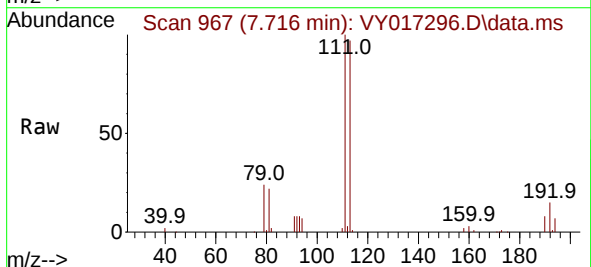
Tgt Ion:113 Resp: 32723

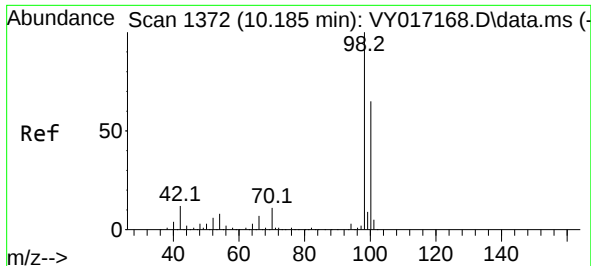
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 17.1 14.5 21.7

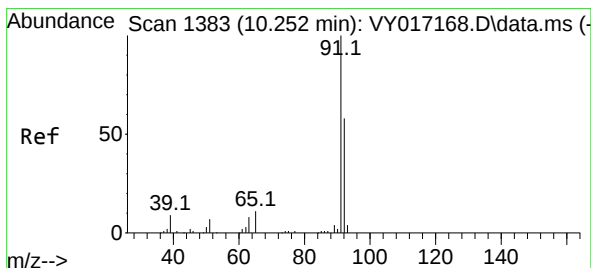
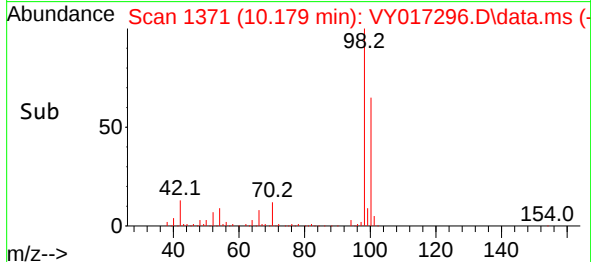
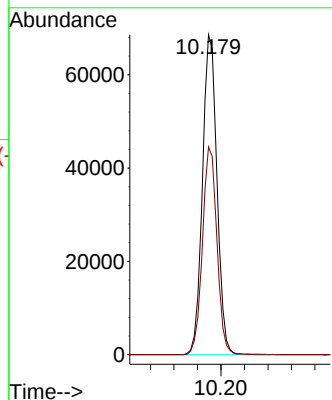
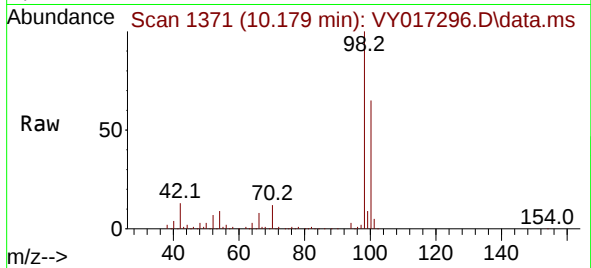




#50
Toluene-d8
Concen: 44.347 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017296.D
Acq: 07 Feb 2024 18:00

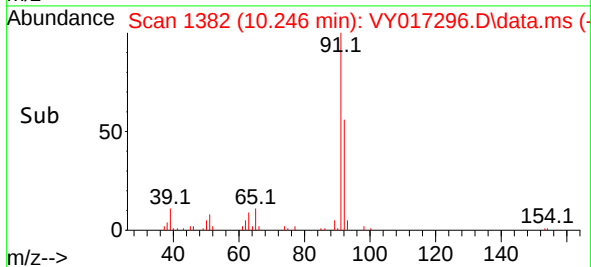
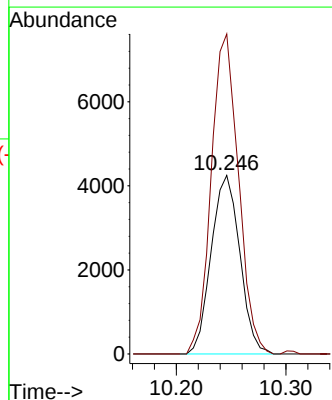
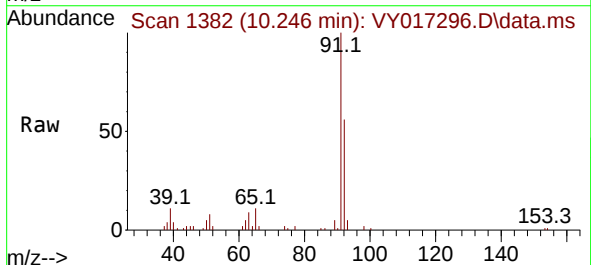
Instrument :
MSVOA_Y
ClientSampleId :
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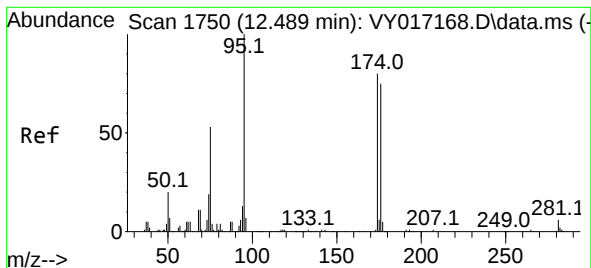
Tgt Ion: 98 Resp: 117662
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#52
Toluene
Concen: 3.553 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY017296.D
Acq: 07 Feb 2024 18:00

Tgt Ion: 92 Resp: 7699
Ion Ratio Lower Upper
92 100
91 170.6 137.6 206.4

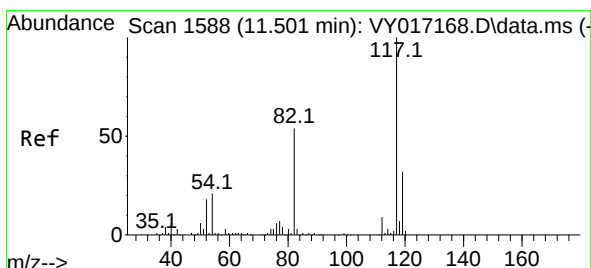
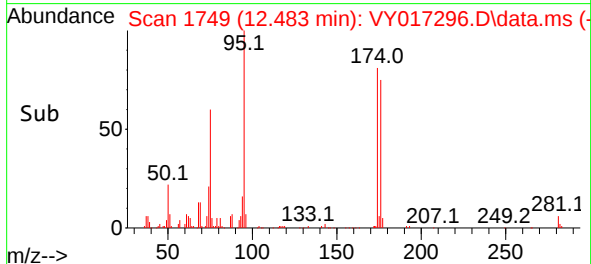
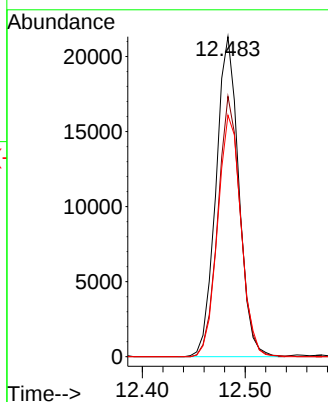
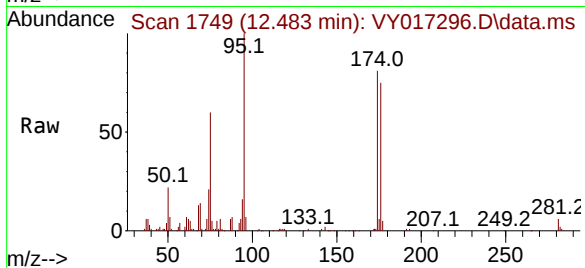




#62
4-Bromofluorobenzene
Concen: 37.799 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017296.D
Acq: 07 Feb 2024 18:00

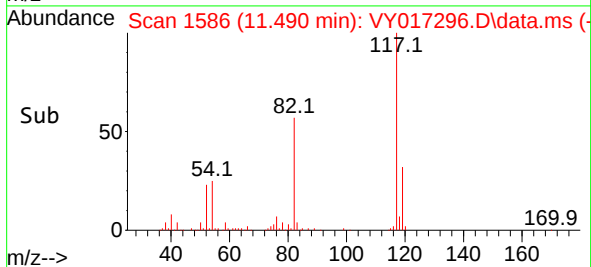
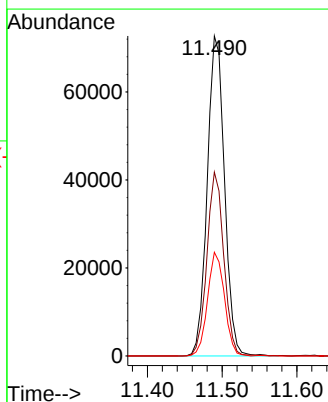
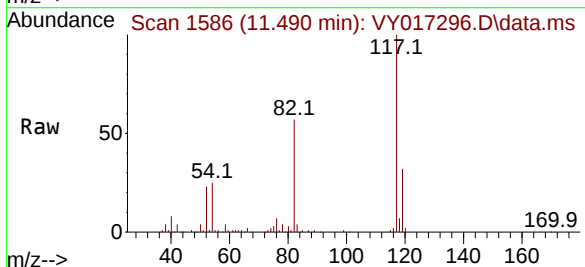
Instrument :
MSVOA_Y
ClientSampleId :
356

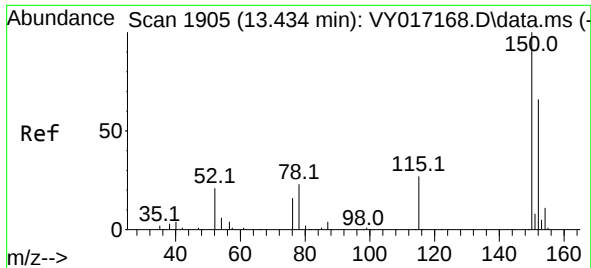
Tgt Ion: 95 Resp: 32853
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.0
176 77.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY017296.D
Acq: 07 Feb 2024 18:00

Tgt Ion: 117 Resp: 117013
Ion Ratio Lower Upper
117 100
82 57.4 43.8 65.8
119 32.4 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017296.D

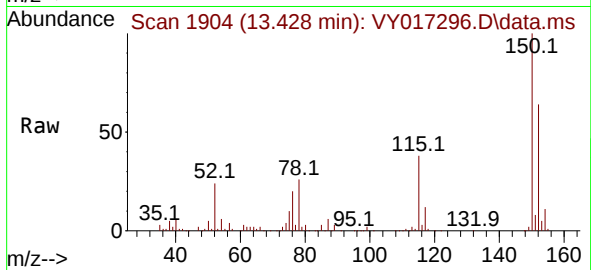
Acq: 07 Feb 2024 18:00

Instrument :

MSVOA_Y

ClientSampleId :

356



Tgt Ion:152 Resp: 43054

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 157.6 0.0 344.6

