

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017191.D
 Acq On : 02 Feb 2024 17:59
 Operator : SY/MD
 Sample : P1311-05RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3RE

Quant Time: Feb 02 22:33:17 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	37516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	70212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	64138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	20723	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15396	45.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.880%
35) Dibromofluoromethane	7.722	113	17644	46.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.080%
50) Toluene-d8	10.185	98	60167	43.591	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.180%
62) 4-Bromofluorobenzene	12.489	95	15967	35.313	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.620%

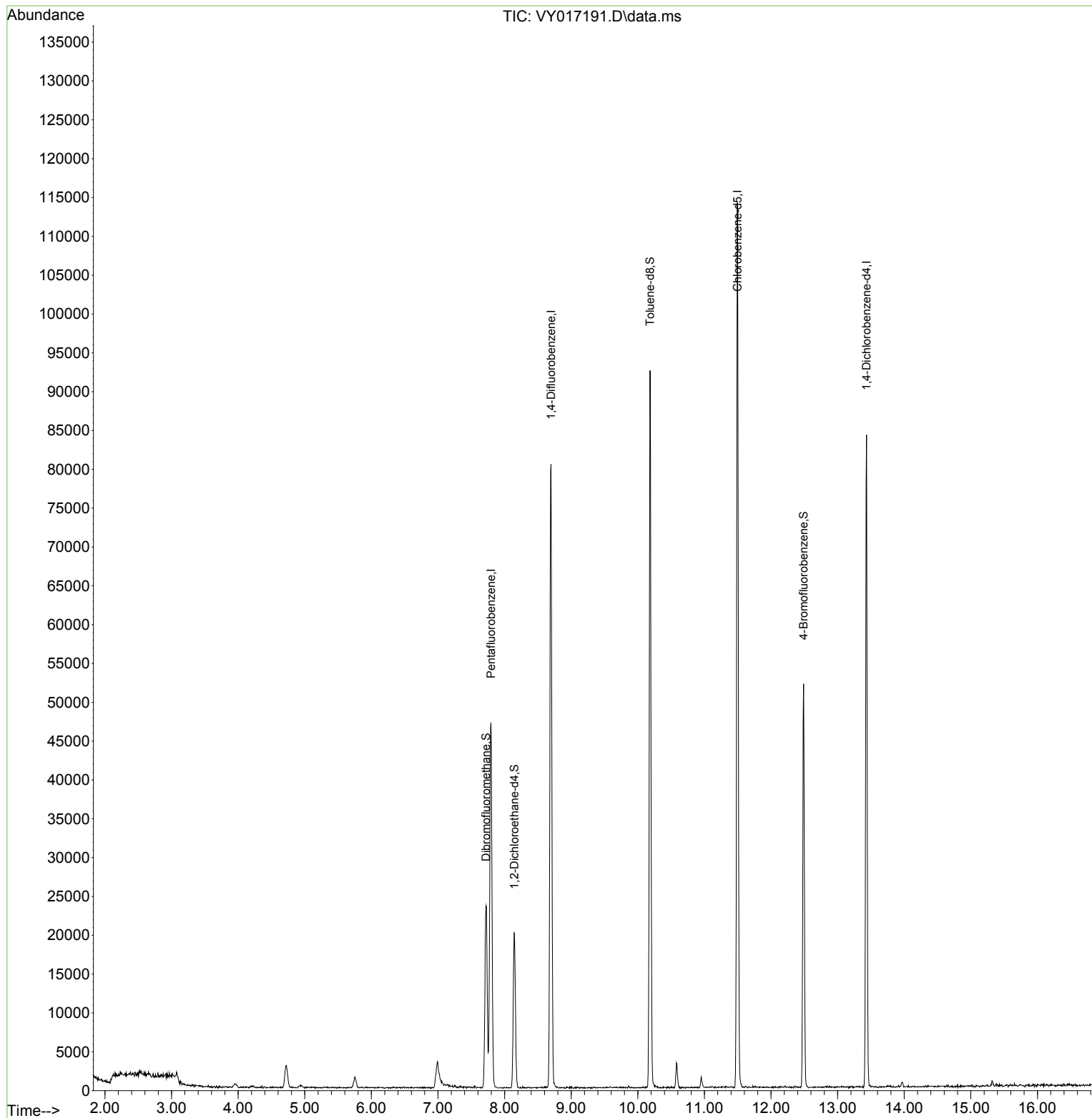
Target Compounds	Qvalue

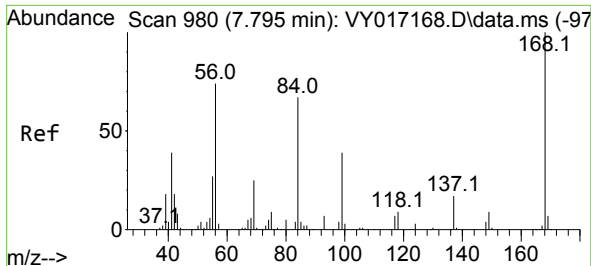
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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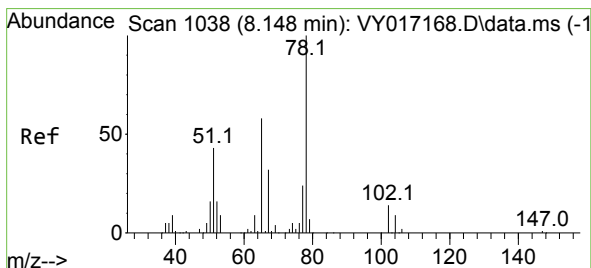
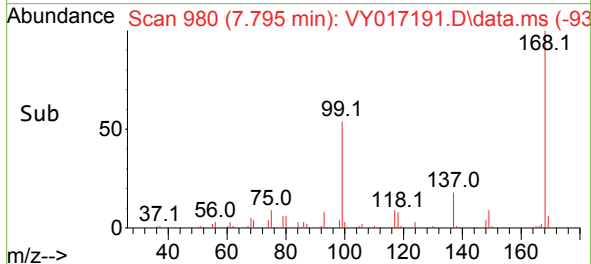
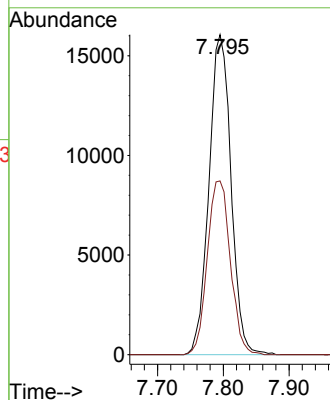
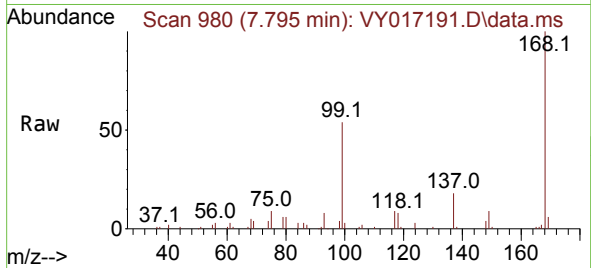




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

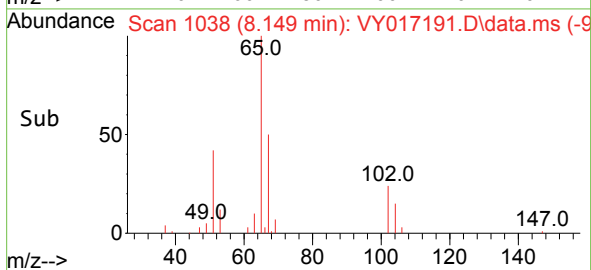
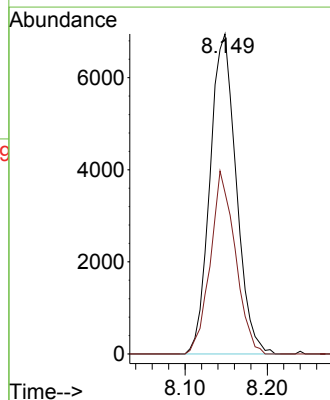
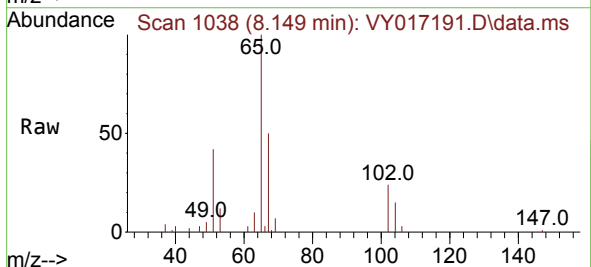
Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

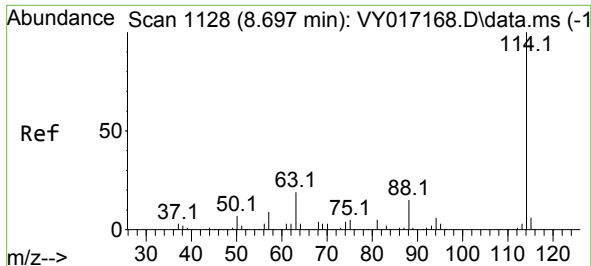
Tgt Ion:168 Resp: 37516
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.938 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

Tgt Ion: 65 Resp: 15396
Ion Ratio Lower Upper
65 100
67 54.3 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: VY017191.D

Acq: 02 Feb 2024 17:59

Instrument :

MSVOA_Y

ClientSampleId :

TP-3RE

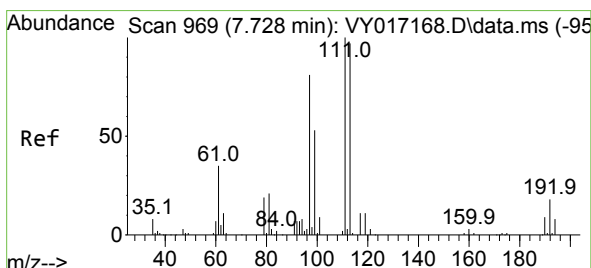
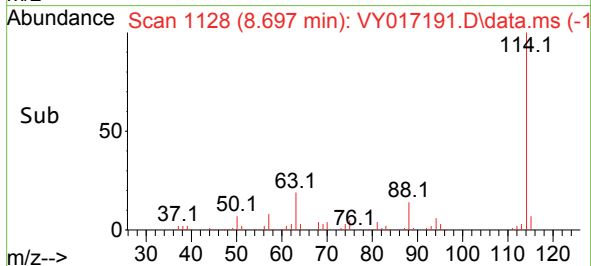
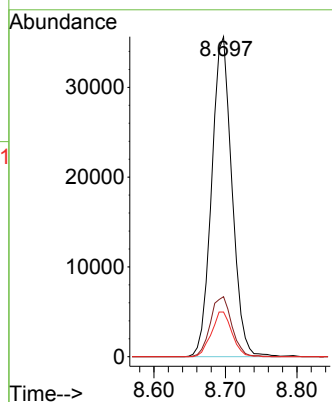
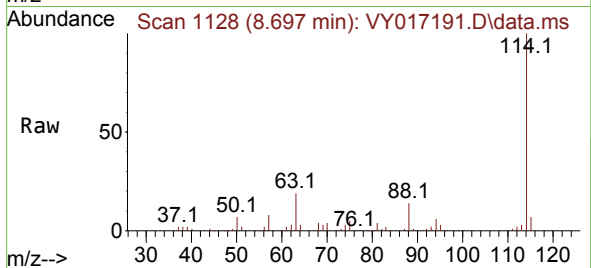
Tgt Ion:114 Resp: 70212

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 14.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.542 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017191.D

Acq: 02 Feb 2024 17:59

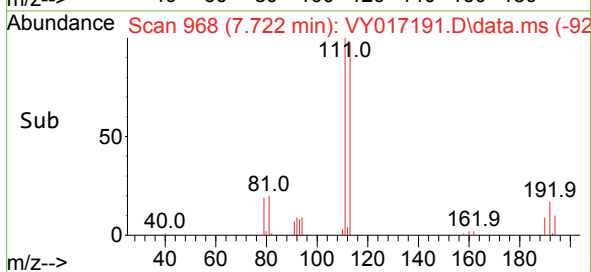
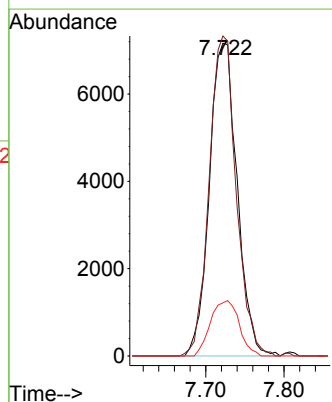
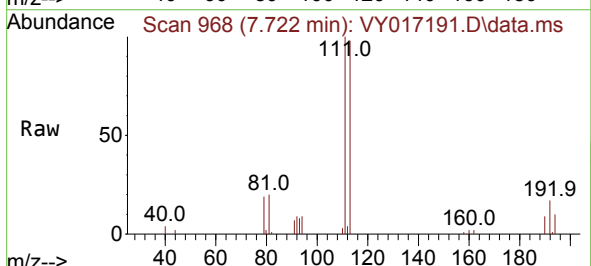
Tgt Ion:113 Resp: 17644

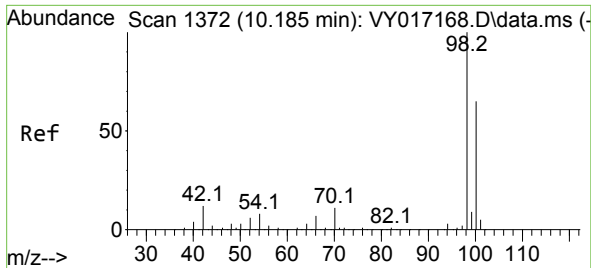
Ion Ratio Lower Upper

113 100

111 99.6 83.8 125.6

192 18.2 14.5 21.7

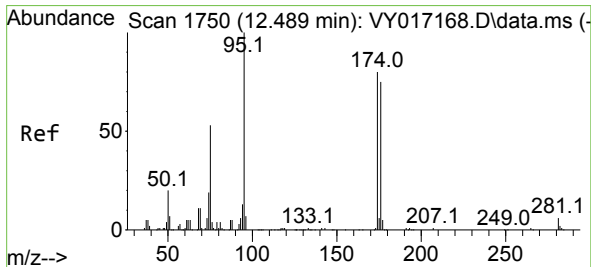
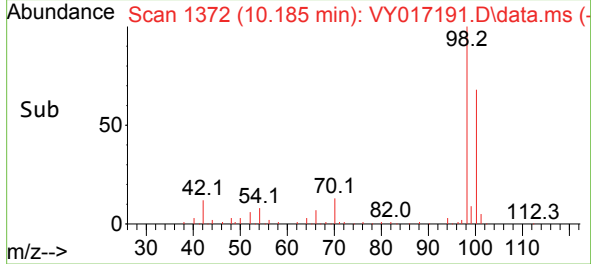
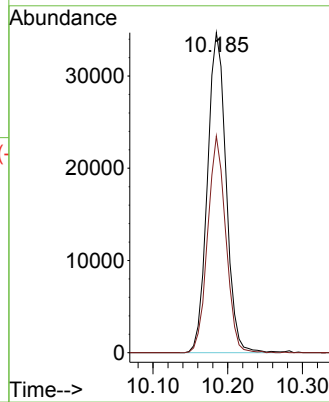
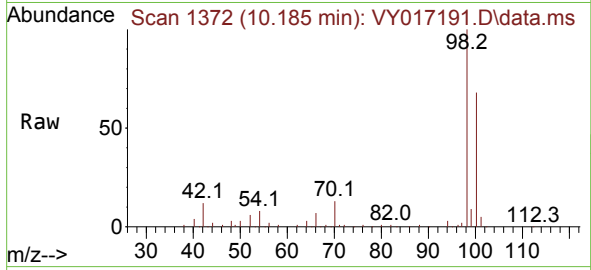




#50
Toluene-d8
Concen: 43.591 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

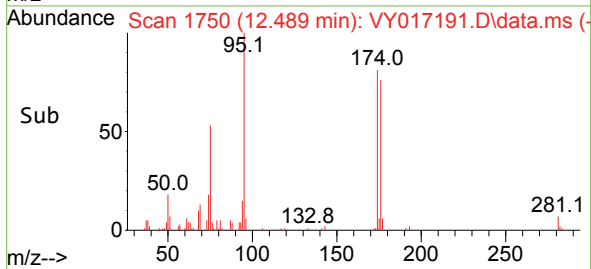
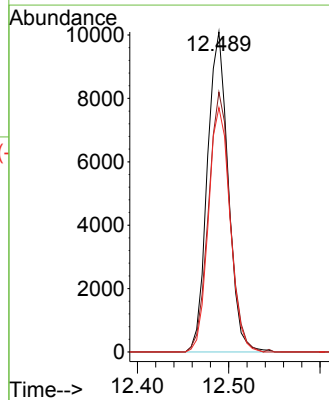
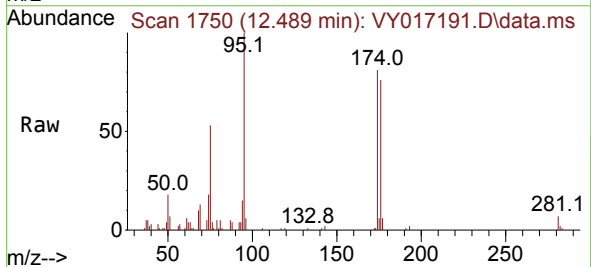
Instrument :
MSVOA_Y
ClientSampleId :
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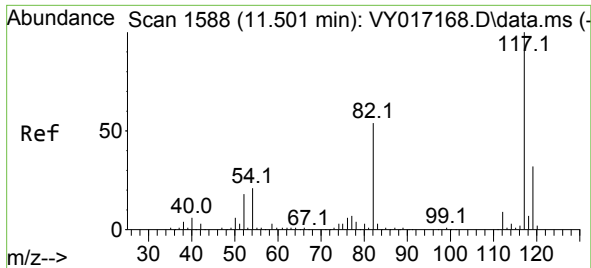
Tgt Ion: 98 Resp: 60167
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 35.313 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

Tgt Ion: 95 Resp: 15967
Ion Ratio Lower Upper
95 100
174 84.4 0.0 160.0
176 79.3 0.0 151.8

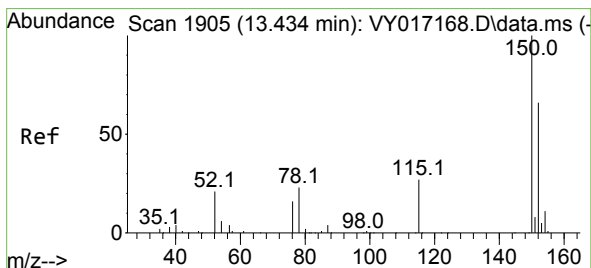
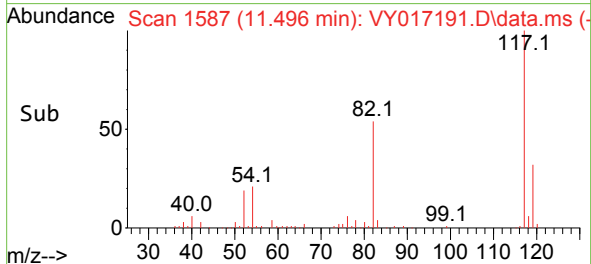
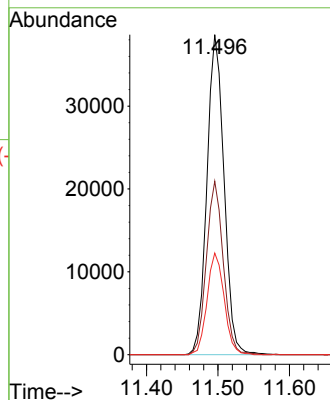
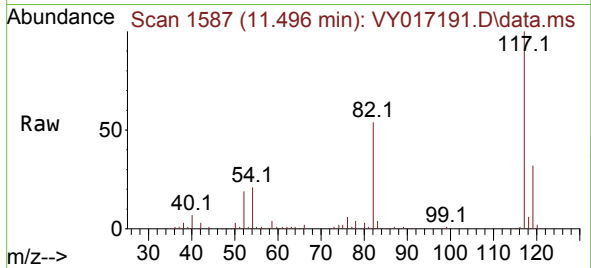




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

Tgt Ion:117 Resp: 64138
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 31.7 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: VY017191.D
Acq: 02 Feb 2024 17:59

Tgt Ion:152 Resp: 20723
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.0
150 160.7 0.0 344.6

