

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017765.D
 Acq On : 26 Mar 2024 13:13
 Operator : SY/MD
 Sample : P1865-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-235

Quant Time: Mar 27 01:29:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	35270	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	47767	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	32310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	8488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	12137	39.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.000%
35) Dibromofluoromethane	7.728	113	13803	48.342	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.680%
50) Toluene-d8	10.191	98	50964	46.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.489	95	9071	27.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.280%

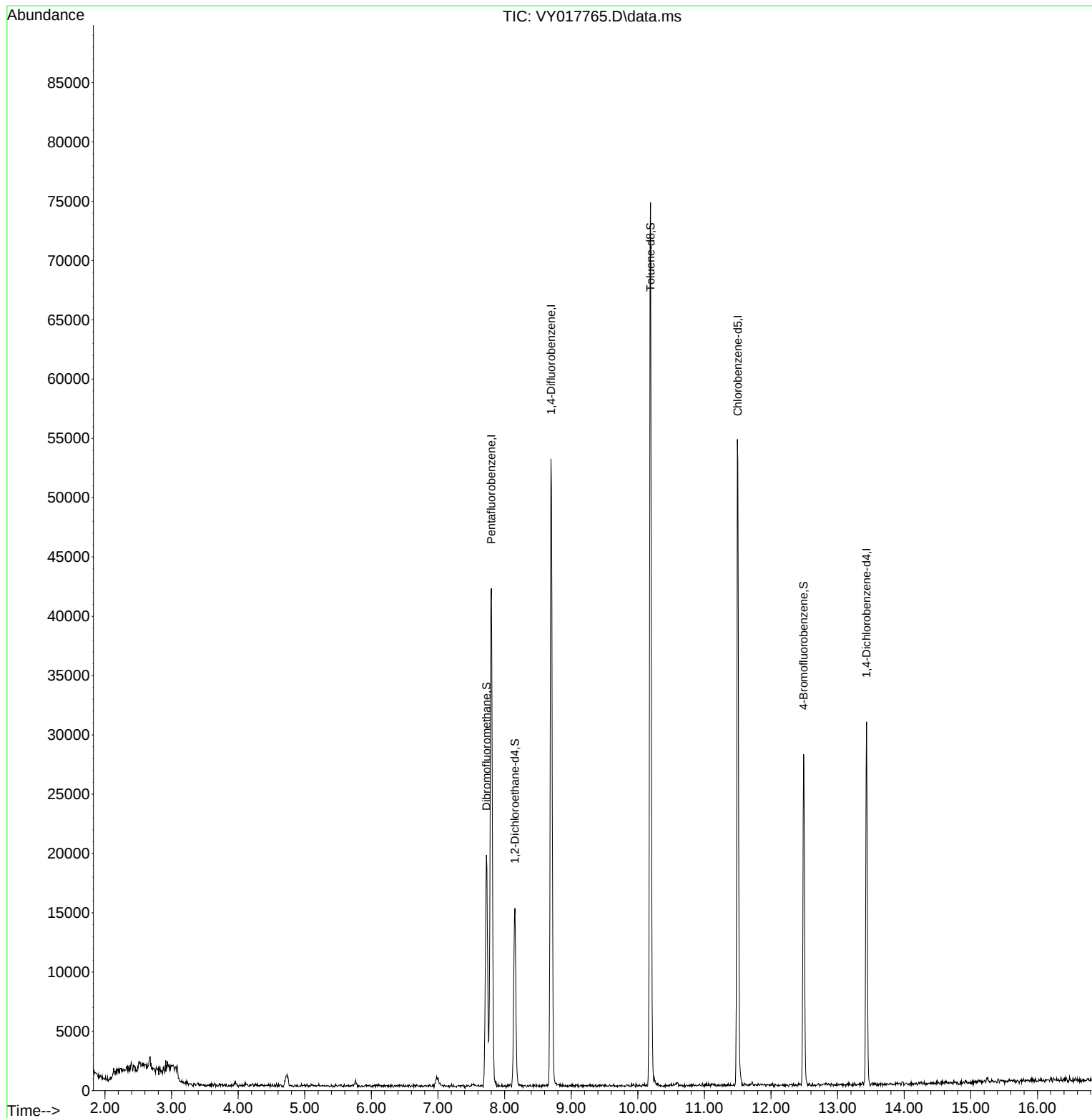
Target Compounds	Qvalue

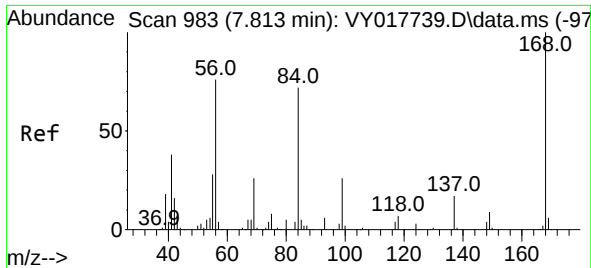
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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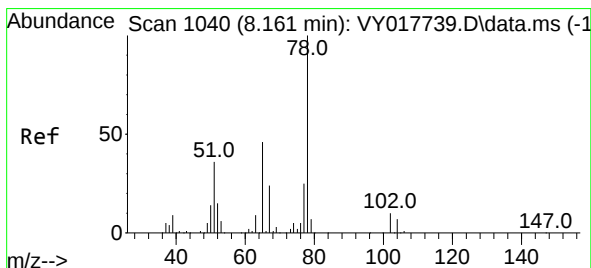
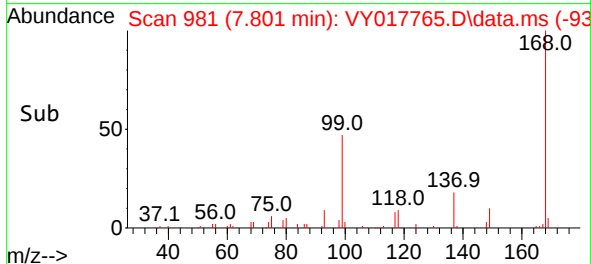
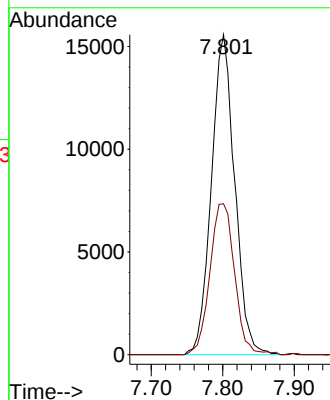
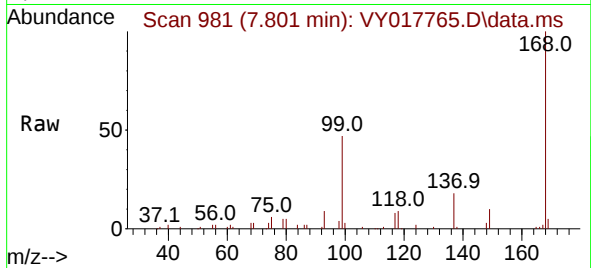




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

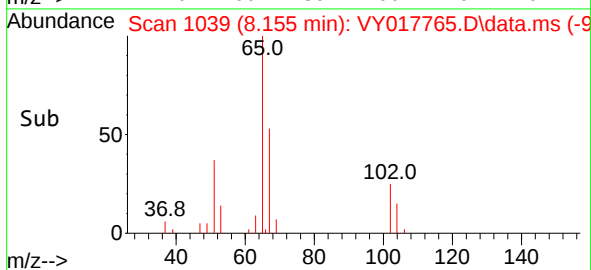
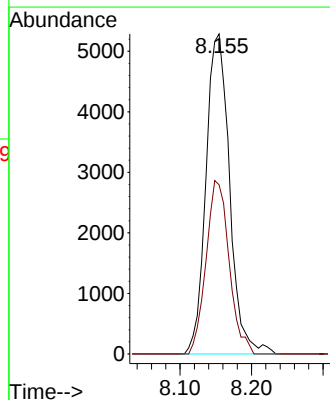
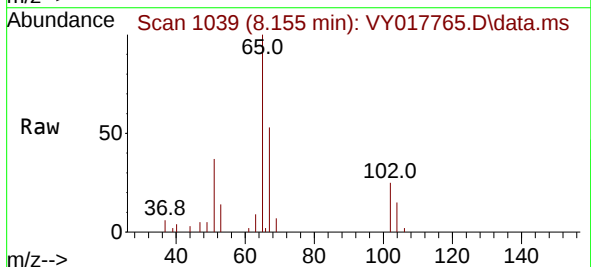
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

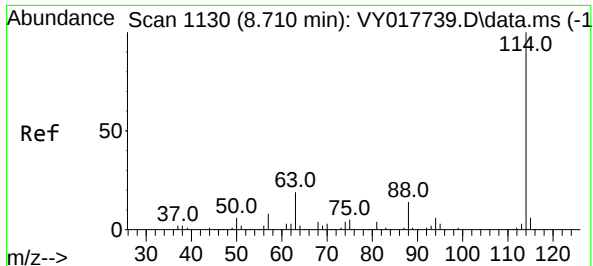
Tgt Ion:168 Resp: 35270
Ion Ratio Lower Upper
168 100
99 47.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 39.500 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

Tgt Ion: 65 Resp: 12137
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY017765.D

Acq: 26 Mar 2024 13:13

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-235

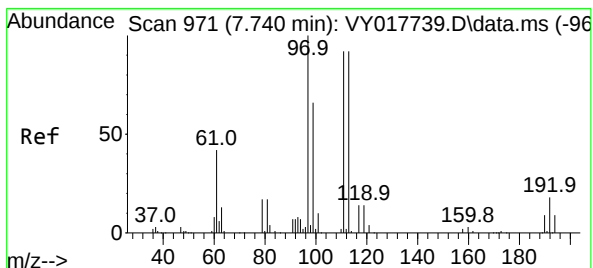
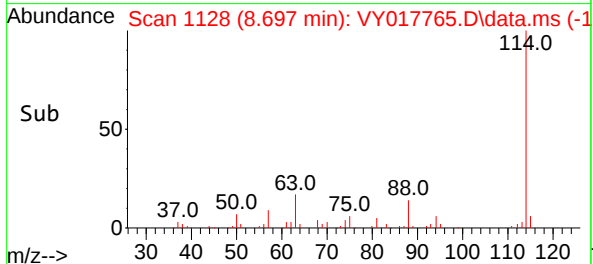
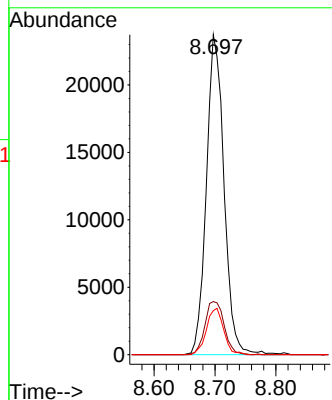
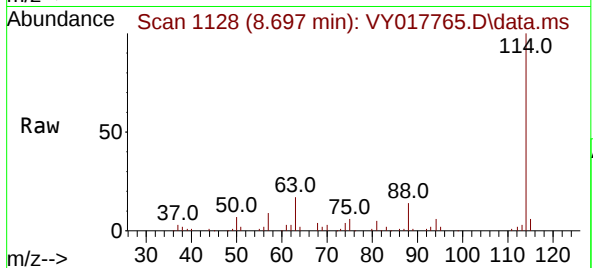
Tgt Ion:114 Resp: 47767

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.342 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.012 min

Lab File: VY017765.D

Acq: 26 Mar 2024 13:13

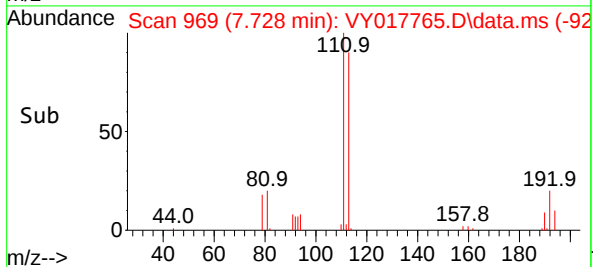
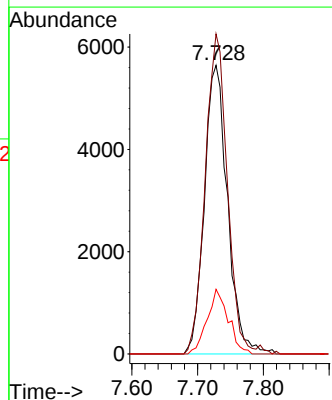
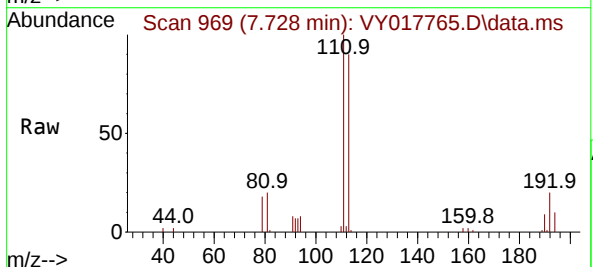
Tgt Ion:113 Resp: 13803

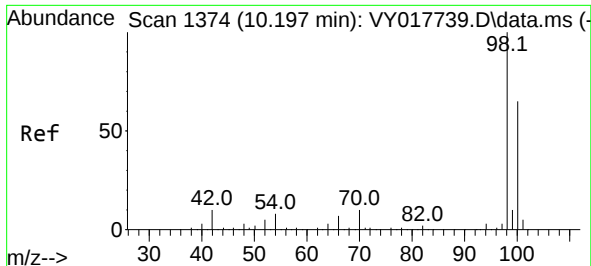
Ion Ratio Lower Upper

113 100

111 106.0 82.2 123.4

192 20.6 15.9 23.9

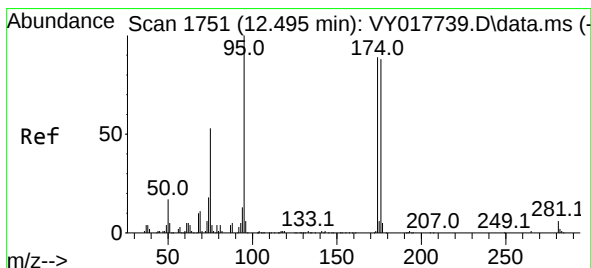
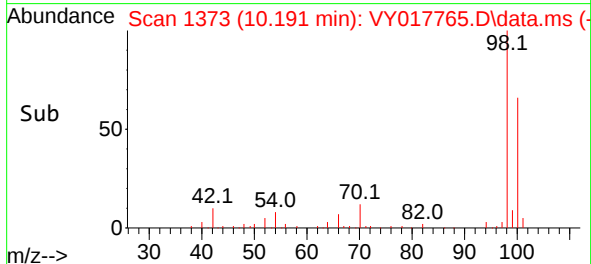
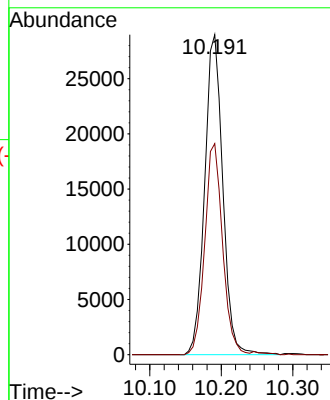
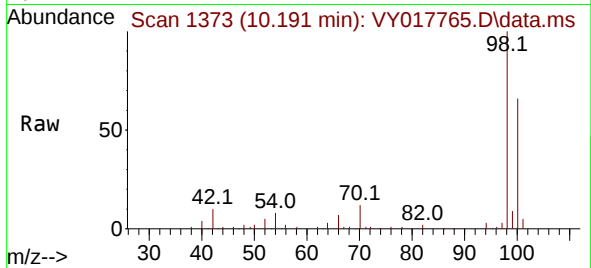




#50
Toluene-d8
Concen: 46.637 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

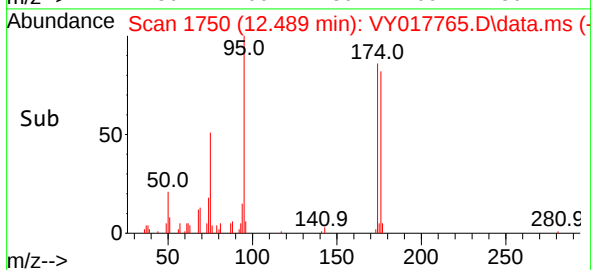
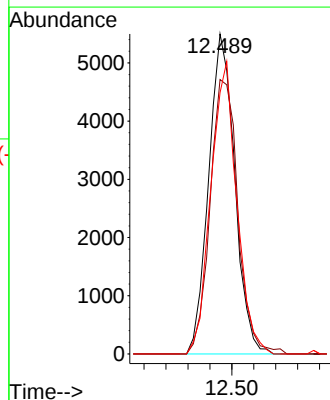
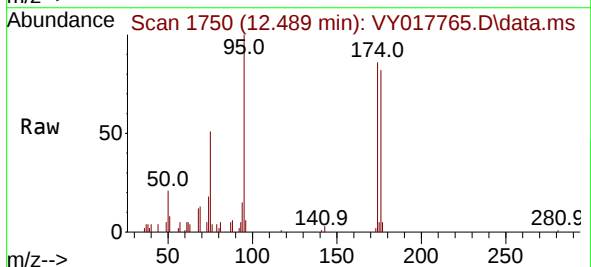
Instrument :
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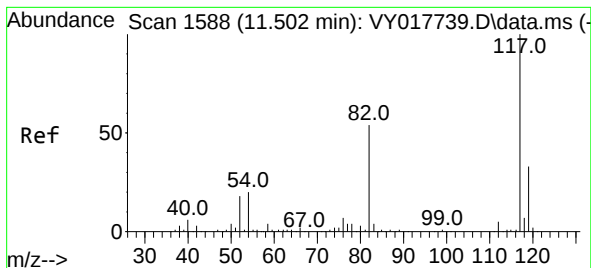
Tgt Ion: 98 Resp: 50964
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 27.643 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

Tgt Ion: 95 Resp: 9071
Ion Ratio Lower Upper
95 100
174 91.5 0.0 175.6
176 90.9 0.0 171.4

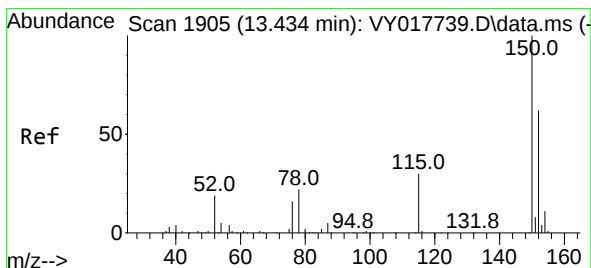
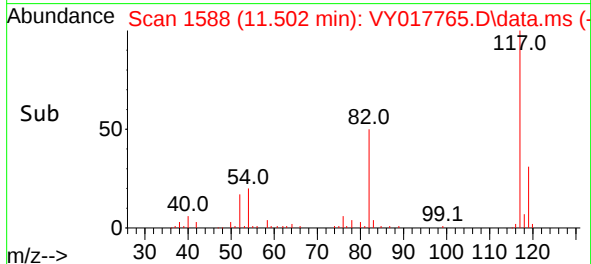
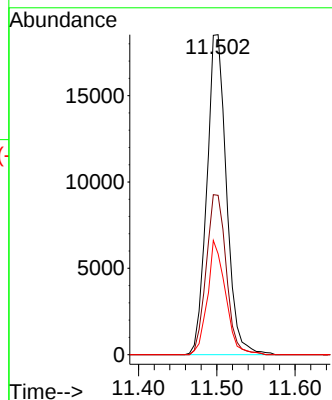
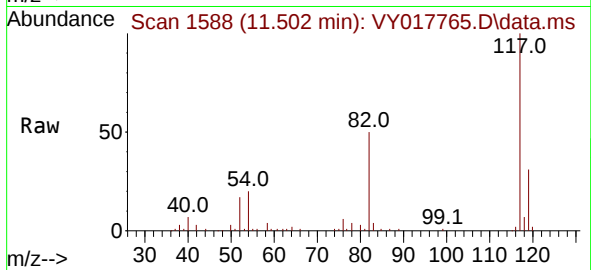




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-235

Tgt Ion:117 Resp: 32310
Ion Ratio Lower Upper
117 100
82 49.8 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY017765.D
Acq: 26 Mar 2024 13:13

Tgt Ion:152 Resp: 8488
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 159.2 0.0 345.6

