

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017827.D
 Acq On : 03 Apr 2024 11:25
 Operator : SY/MD
 Sample : P1958-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207

Quant Time: Apr 04 01:09:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	192504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	349174	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	293794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	101061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	98074	58.875	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.740%
35) Dibromofluoromethane	7.734	113	112237	55.627	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.260%
50) Toluene-d8	10.191	98	399991	53.071	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.140%
62) 4-Bromofluorobenzene	12.495	95	99451	43.370	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.740%

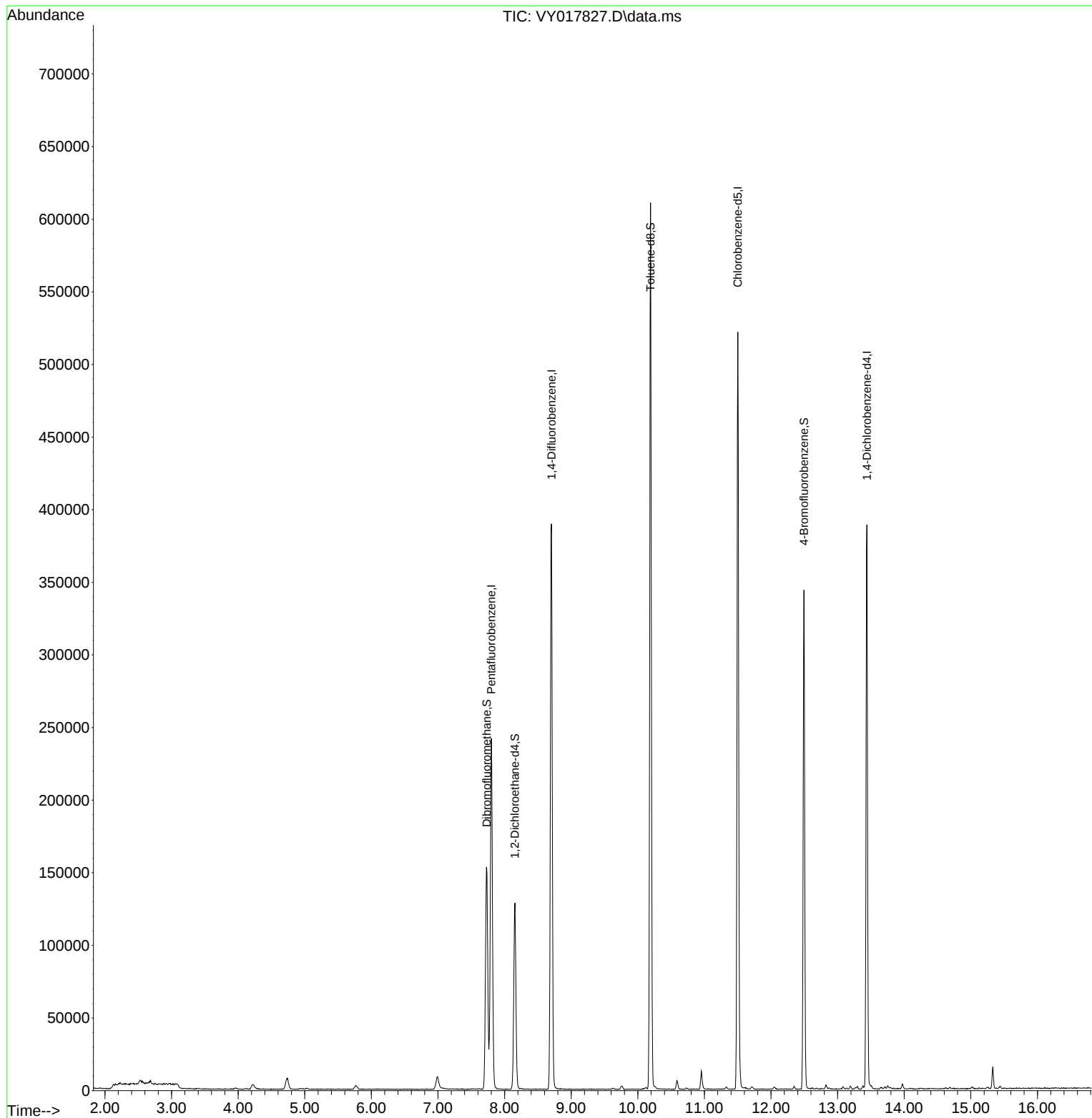
Target Compounds	Qvalue

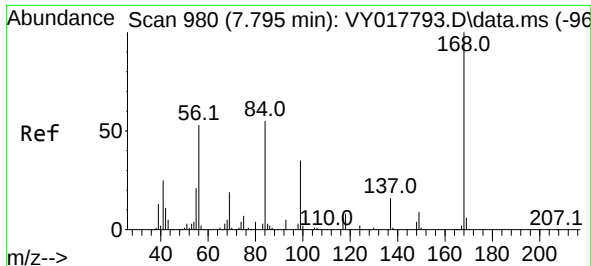
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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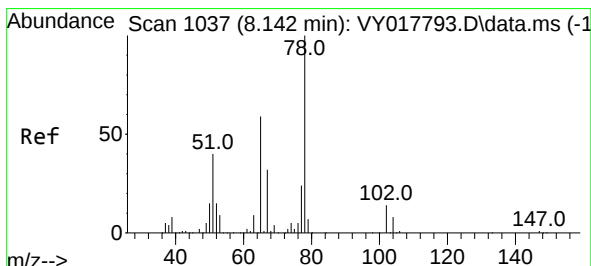
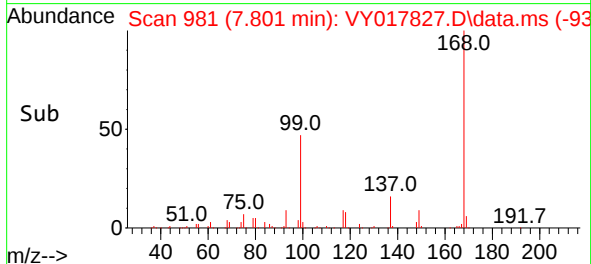
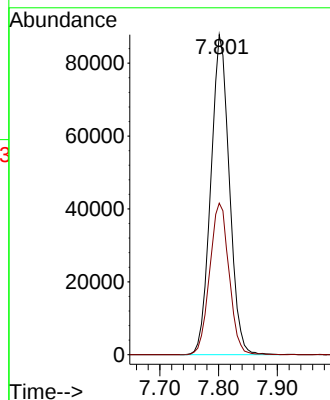
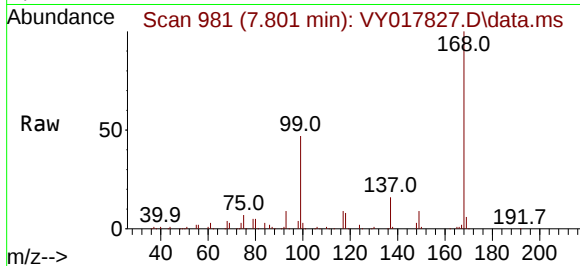




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

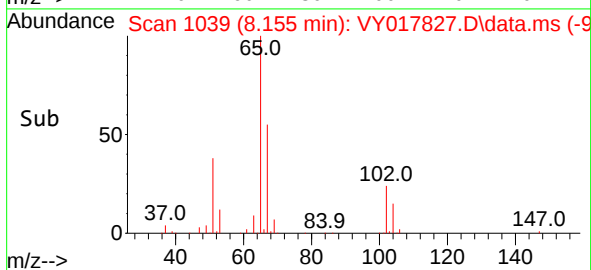
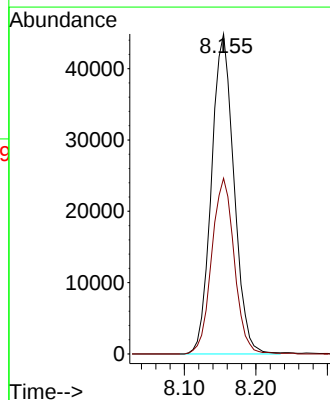
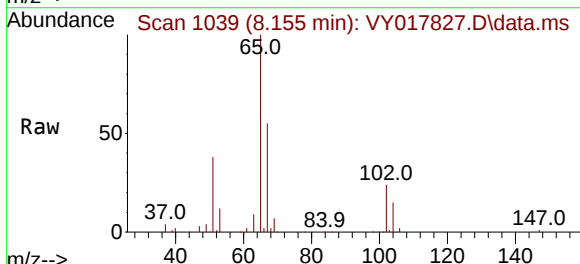
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207

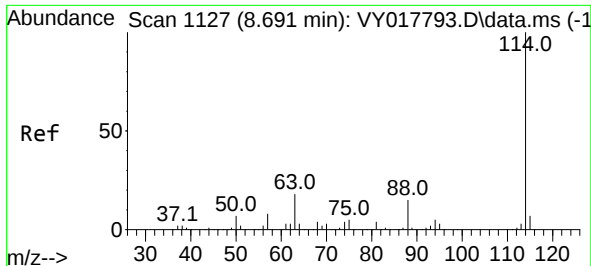
Tgt Ion:168 Resp: 192504
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.875 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

Tgt Ion: 65 Resp: 98074
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY017827.D

Acq: 03 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-207

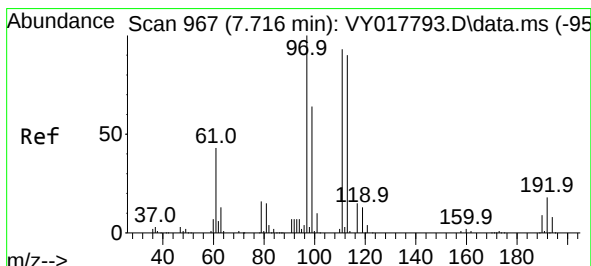
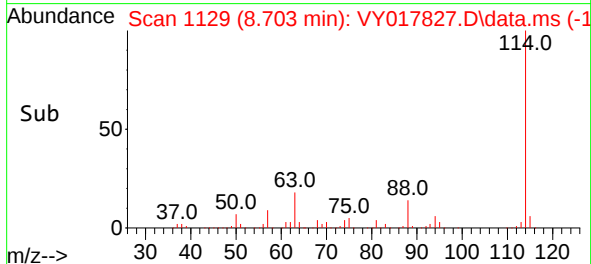
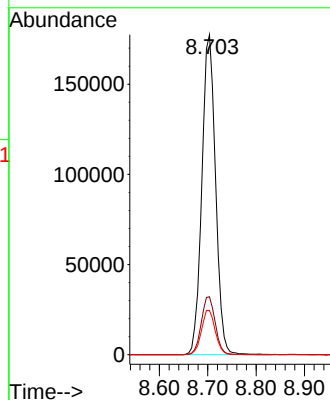
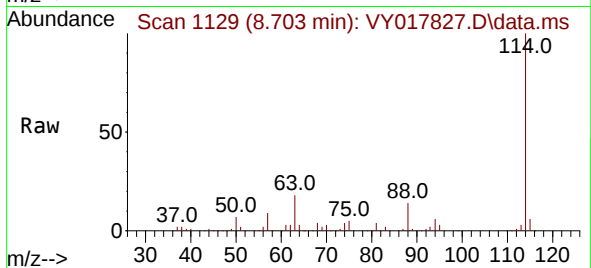
Tgt Ion:114 Resp: 349174

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.627 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017827.D

Acq: 03 Apr 2024 11:25

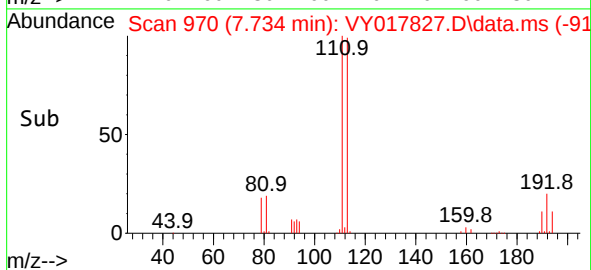
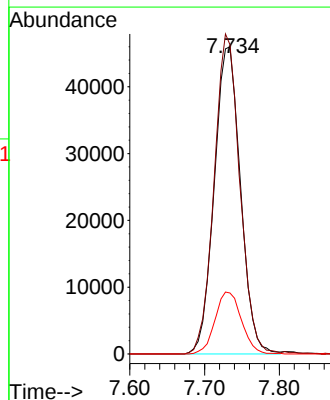
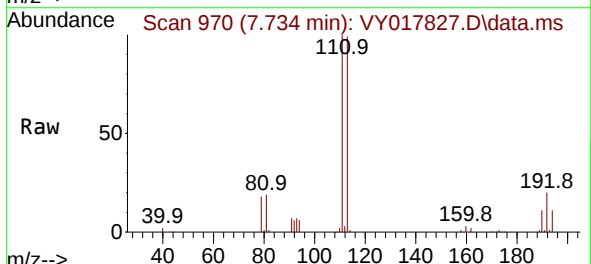
Tgt Ion:113 Resp: 112237

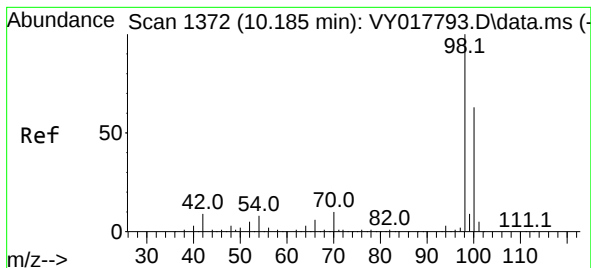
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 20.3 15.9 23.9





#50

Toluene-d8

Concen: 53.071 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017827.D

Acq: 03 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

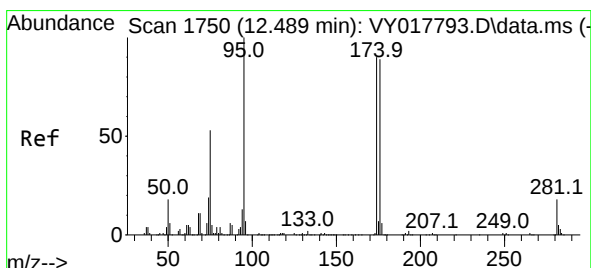
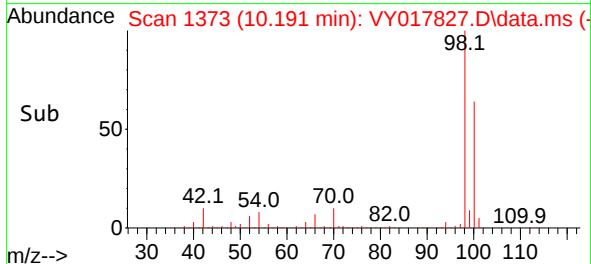
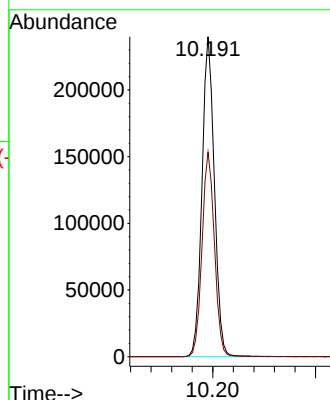
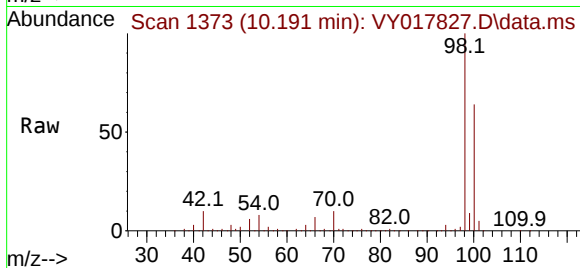
VNJ-207

Tgt Ion: 98 Resp: 399991

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.370 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017827.D

Acq: 03 Apr 2024 11:25

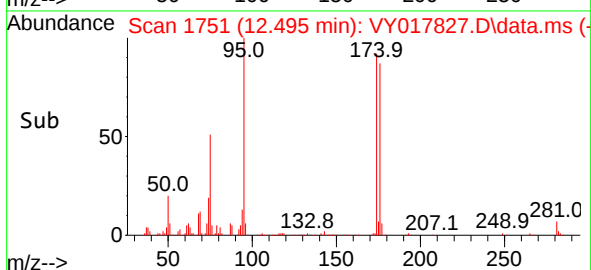
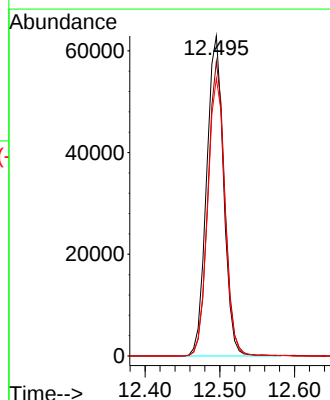
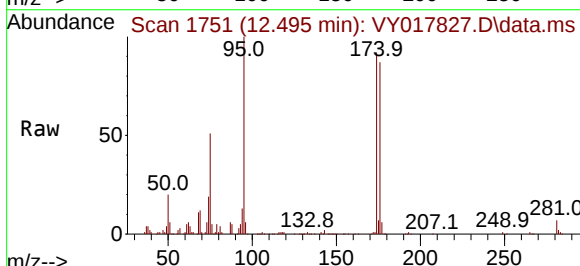
Tgt Ion: 95 Resp: 99451

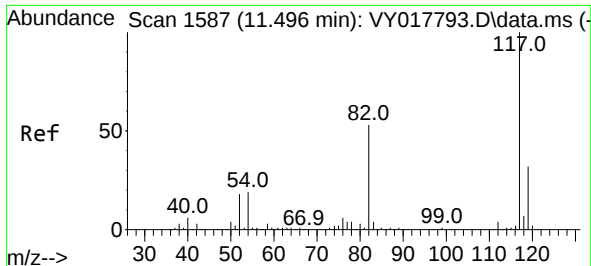
Ion Ratio Lower Upper

95 100

174 91.7 0.0 175.6

176 87.9 0.0 171.4

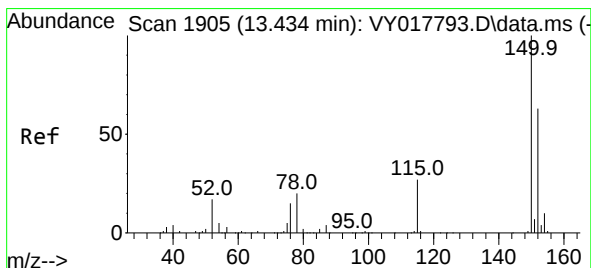
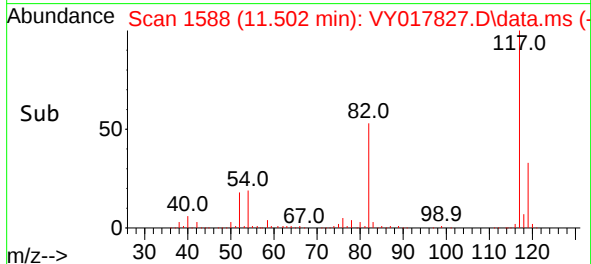
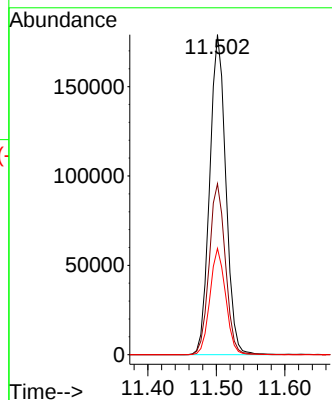
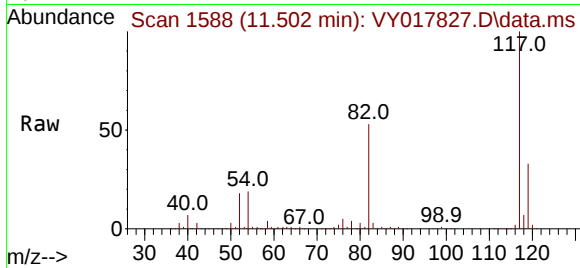




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207

Tgt Ion:117 Resp: 293794
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 33.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017827.D
Acq: 03 Apr 2024 11:25

Tgt Ion:152 Resp: 101061
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.7
150 160.2 0.0 345.6

