

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018109.D
 Acq On : 02 May 2024 12:09
 Operator : SY/MD
 Sample : P2340-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207

Quant Time: May 02 23:00:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	310556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	537997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	461106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177390	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121641	49.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.380%
35) Dibromofluoromethane	7.710	113	156054	50.475	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.940%
50) Toluene-d8	10.179	98	594849	49.284	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.560%
62) 4-Bromofluorobenzene	12.483	95	180322	43.412	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.820%

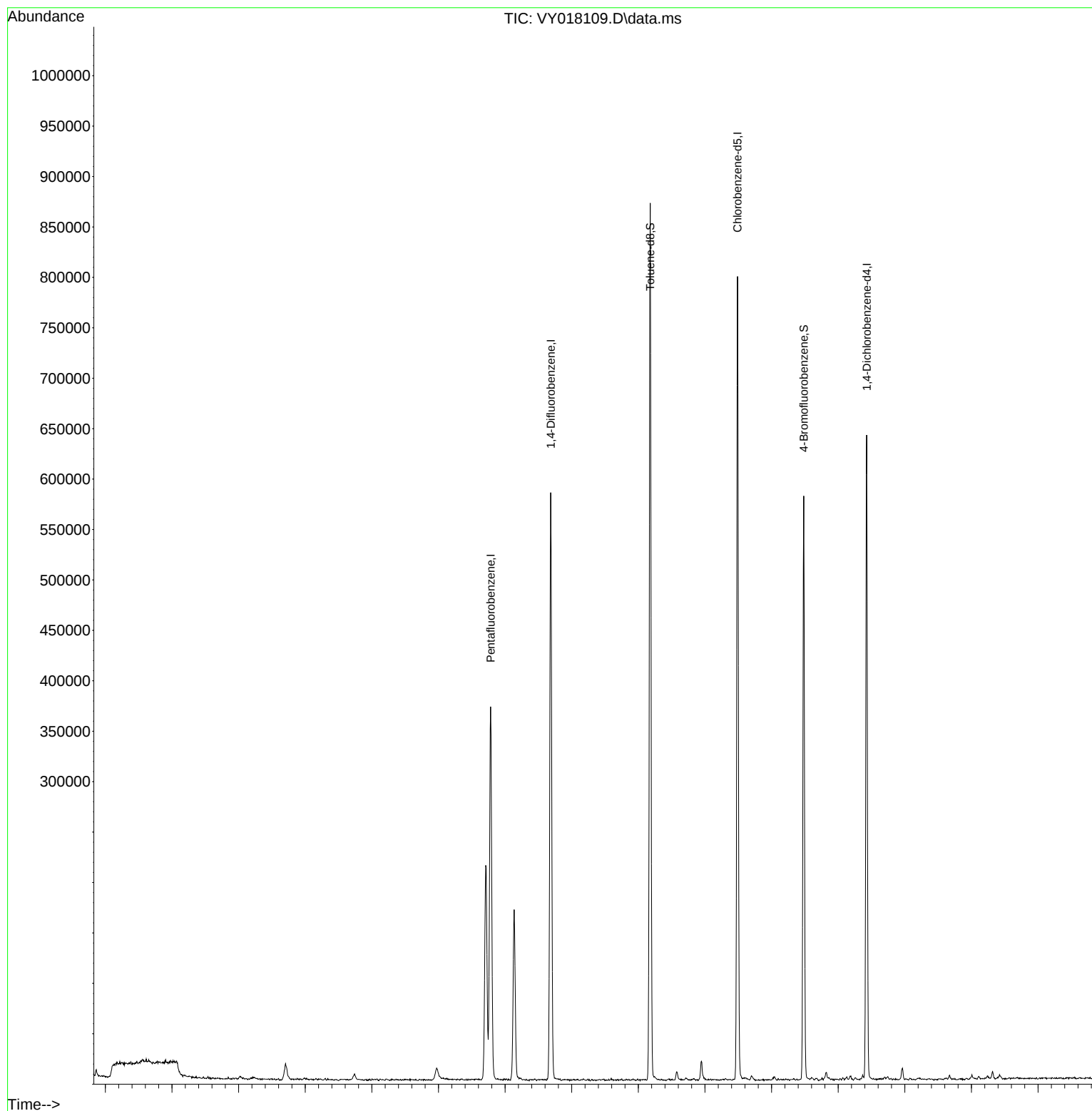
Target Compounds	Qvalue

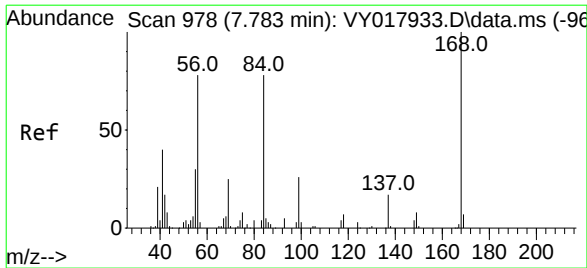
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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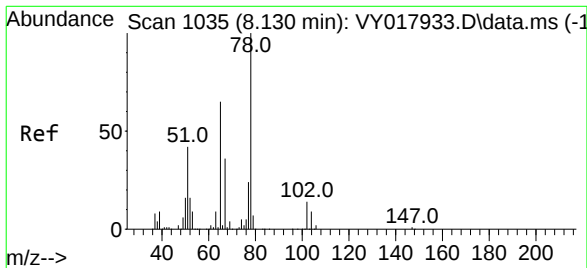
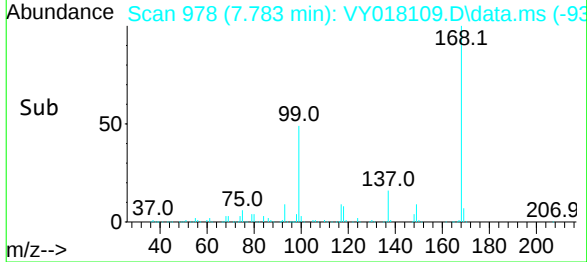
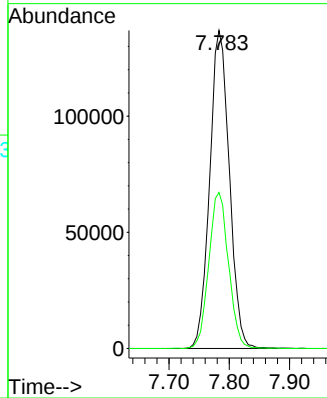
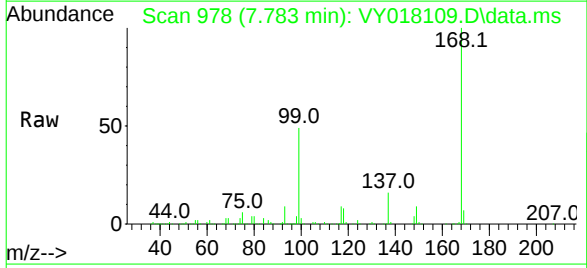




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

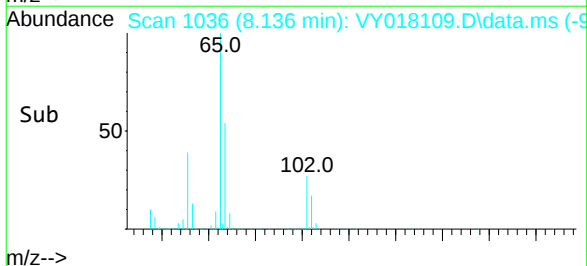
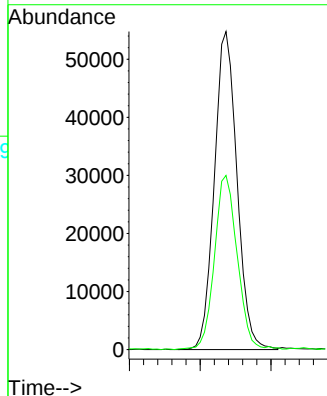
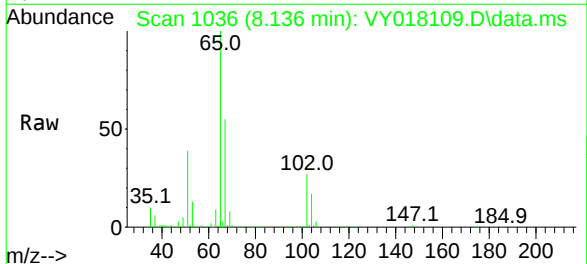
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207

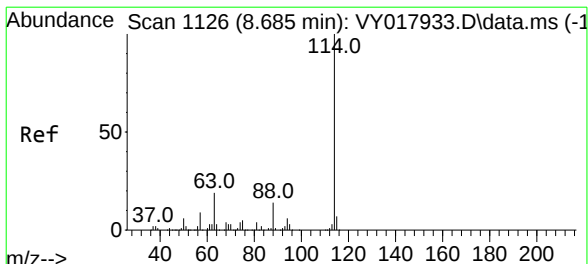
Tgt Ion:168 Resp: 310556
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.692 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

Tgt Ion: 65 Resp: 121641
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6

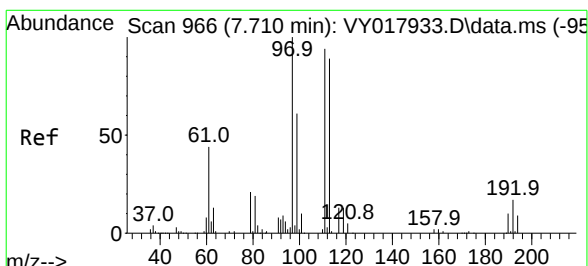
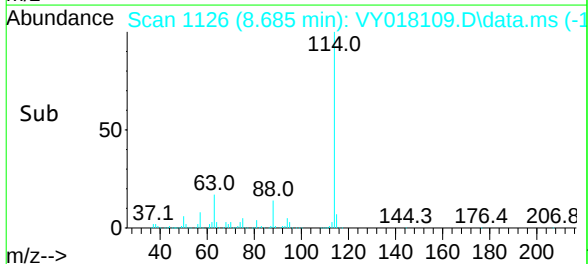
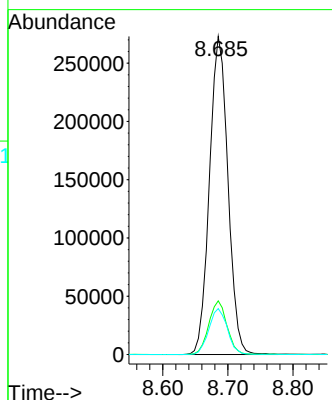
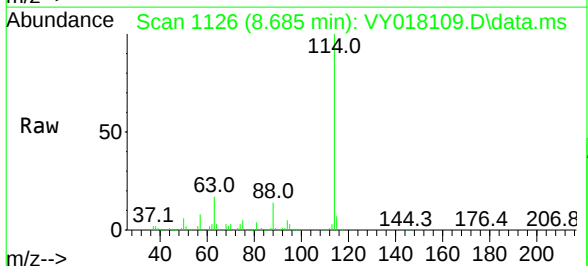




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY018109.D
 Acq: 02 May 2024 12:09

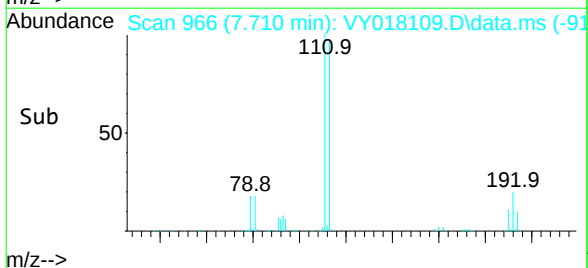
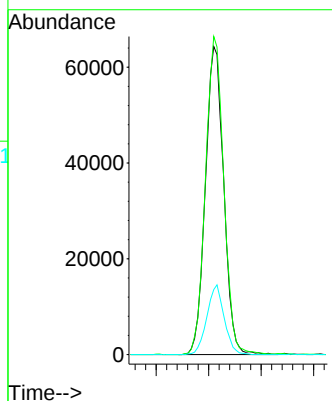
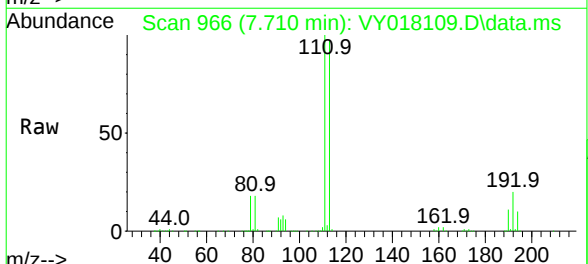
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207

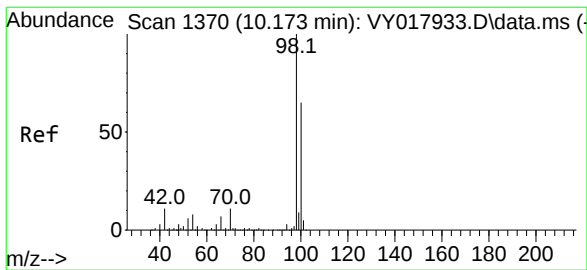
Tgt Ion:	114	Resp:	537997
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	35.0
88	14.4	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 50.475 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.012 min
 Lab File: VY018109.D
 Acq: 02 May 2024 12:09

Tgt Ion:	113	Resp:	156054
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	21.4	15.9	23.9





#50

Toluene-d8

Concen: 49.284 ug/l

RT: 10.179 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY018109.D

Acq: 02 May 2024 12:09

Instrument :

MSVOA_Y

ClientSampleId :

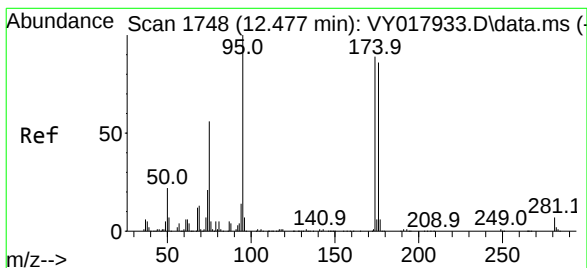
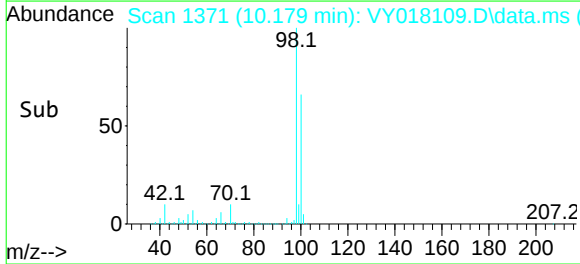
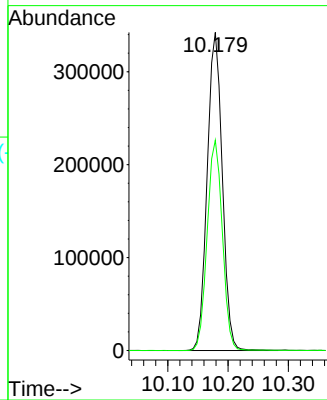
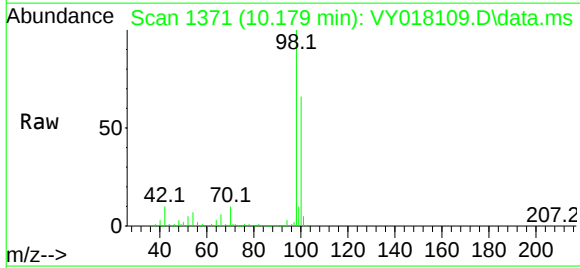
VNJ-207

Tgt Ion: 98 Resp: 594849

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.412 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018109.D

Acq: 02 May 2024 12:09

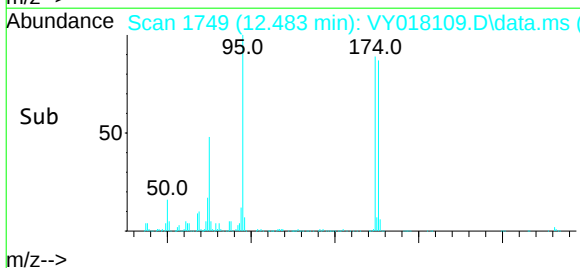
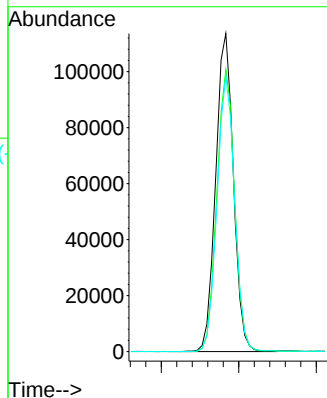
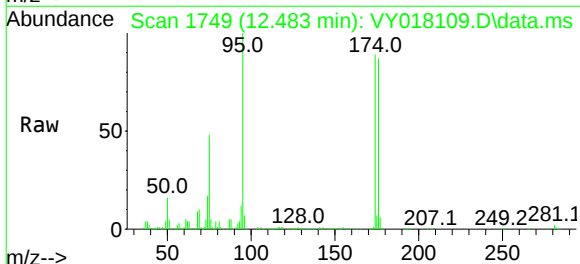
Tgt Ion: 95 Resp: 180322

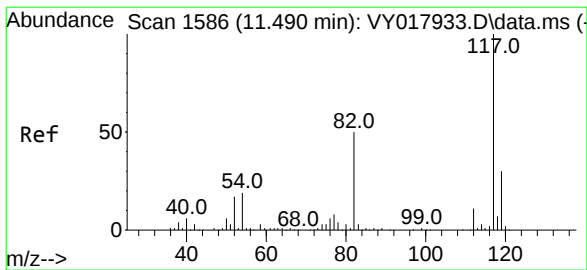
Ion Ratio Lower Upper

95 100

174 89.5 0.0 175.6

176 85.9 0.0 171.4

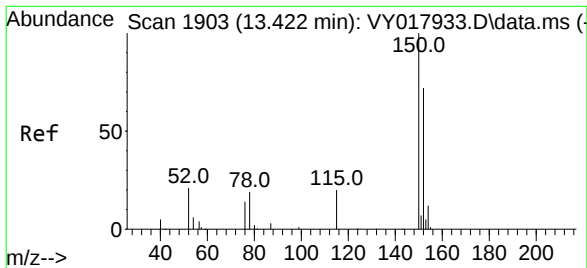
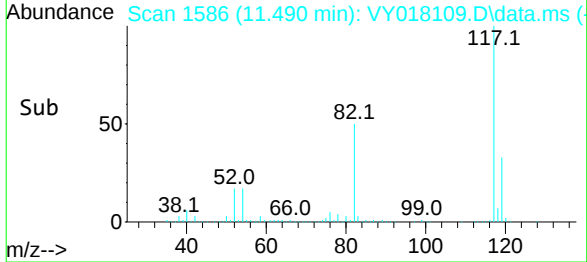
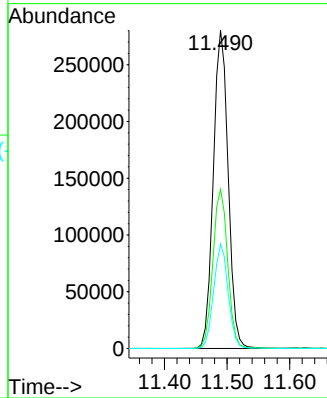
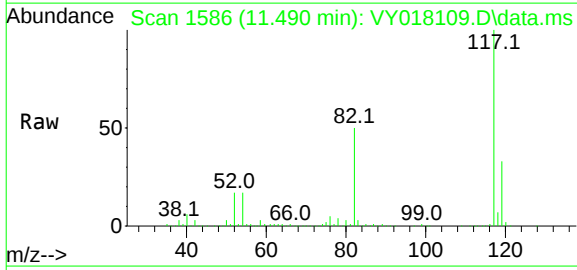




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207

Tgt Ion:117 Resp: 461106
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 32.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

Tgt Ion:152 Resp: 177390
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 157.2 0.0 345.6

