

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009902.D
 Acq On : 09 Aug 2022 03:56
 Operator : KP/MD
 Sample : N4044-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Quant Time: Aug 09 07:01:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	53272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	110558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	109902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49940	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	25185	61.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.480%
35) Dibromofluoromethane	7.710	113	23532	39.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.420%
50) Toluene-d8	10.173	98	85935	46.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.700%
62) 4-Bromofluorobenzene	12.477	95	27393	32.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.380%

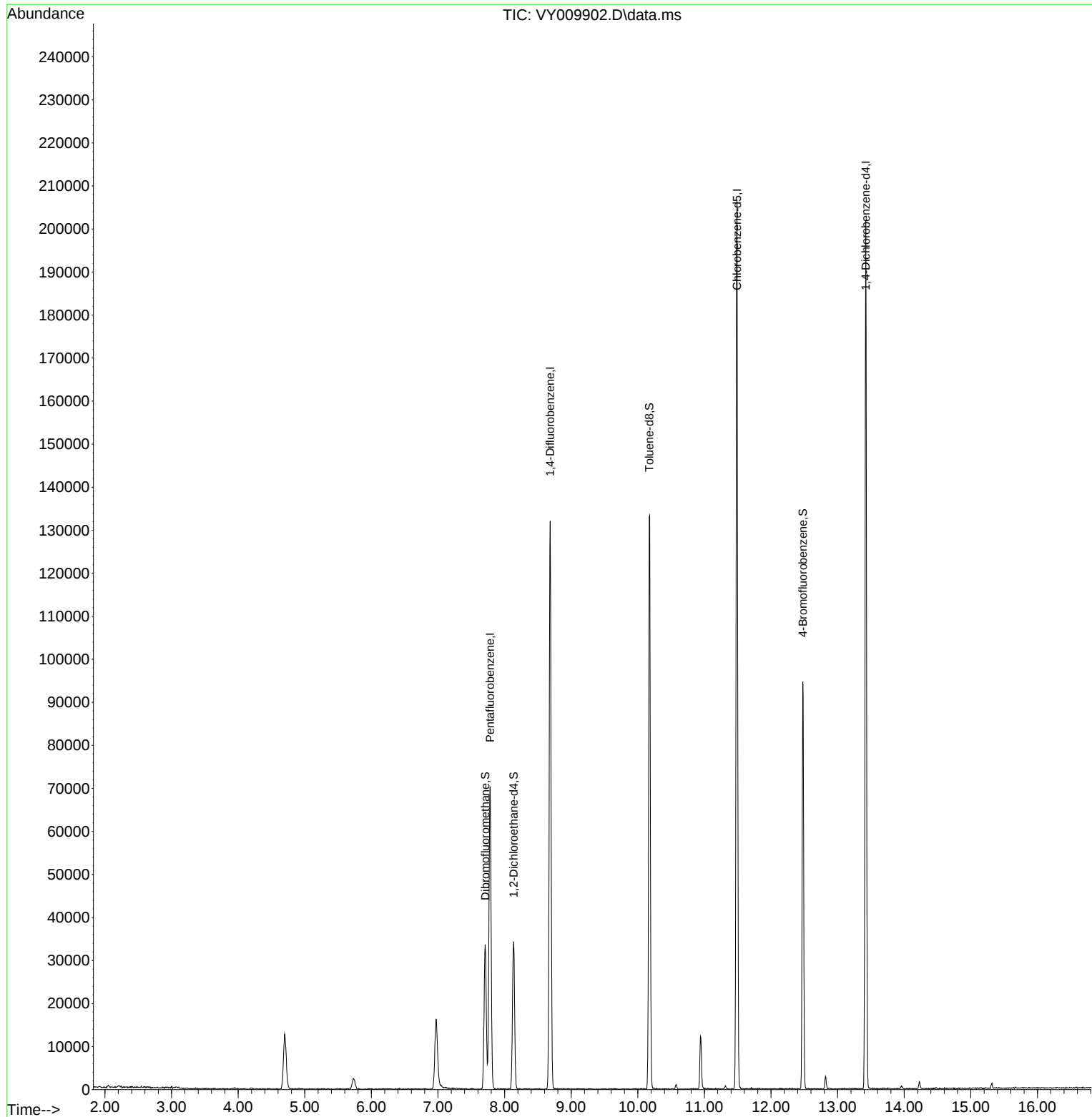
Target Compounds	Qvalue

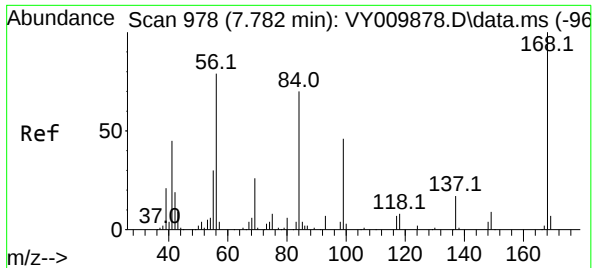
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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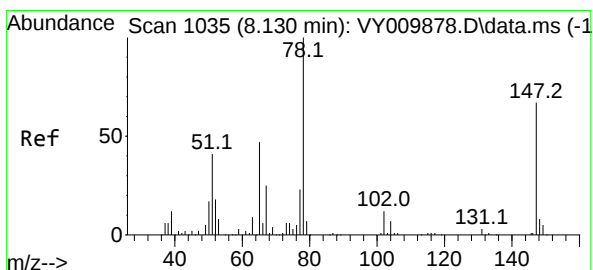
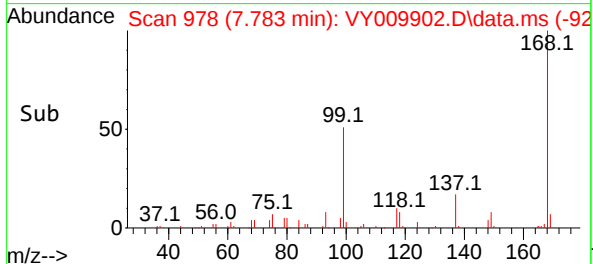
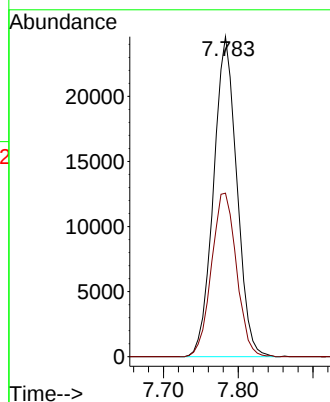
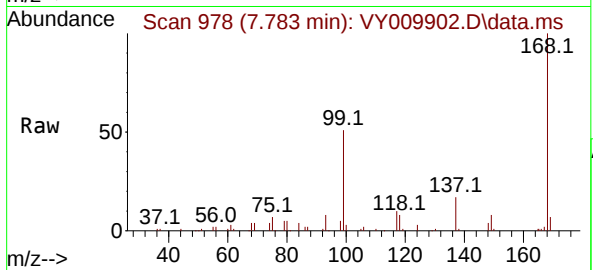




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009902.D
Acq: 09 Aug 2022 03:56

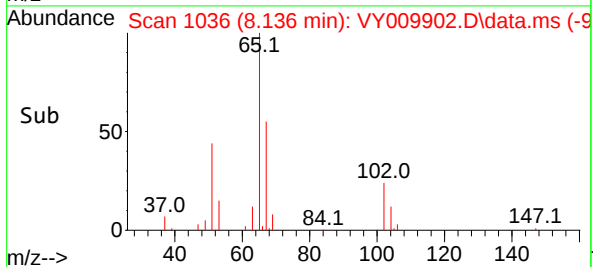
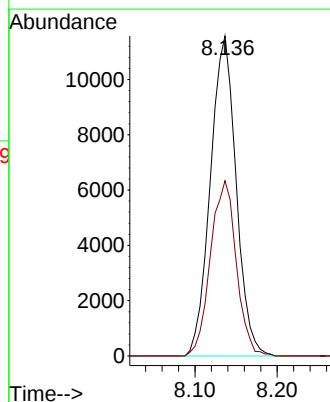
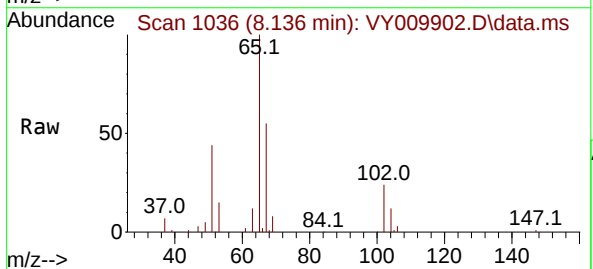
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

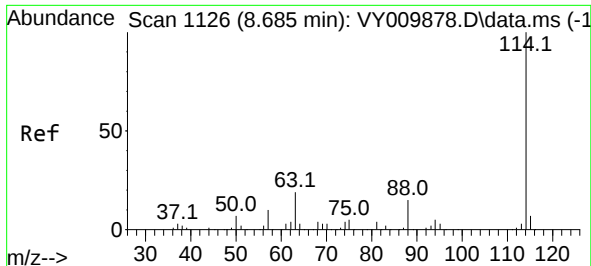
Tgt Ion:168 Resp: 53272
Ion Ratio Lower Upper
168 100
99 51.1 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 61.739 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009902.D
Acq: 09 Aug 2022 03:56

Tgt Ion: 65 Resp: 25185
Ion Ratio Lower Upper
65 100
67 54.9 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009902.D

Acq: 09 Aug 2022 03:56

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

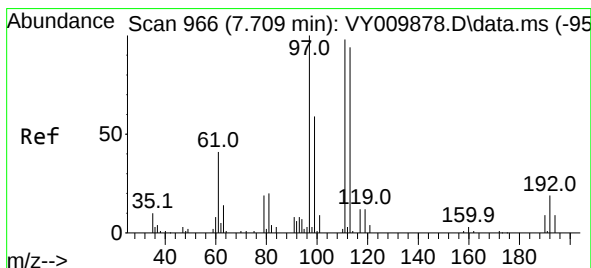
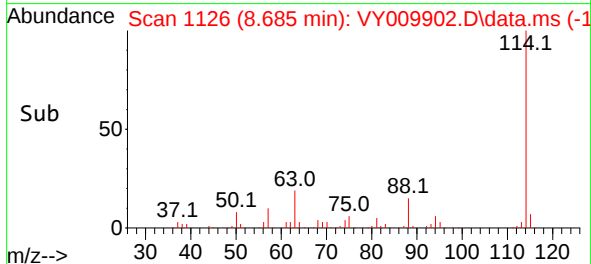
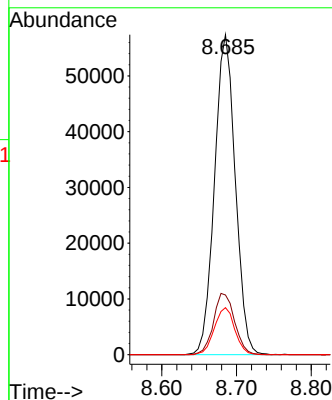
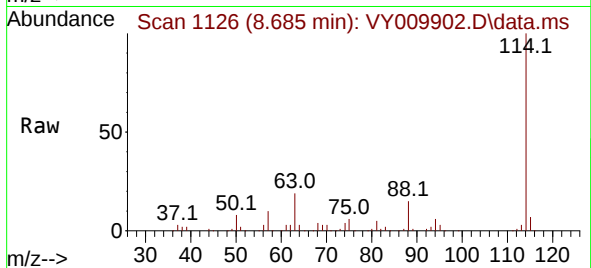
Tgt Ion:114 Resp: 110558

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.0

88 14.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 39.210 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009902.D

Acq: 09 Aug 2022 03:56

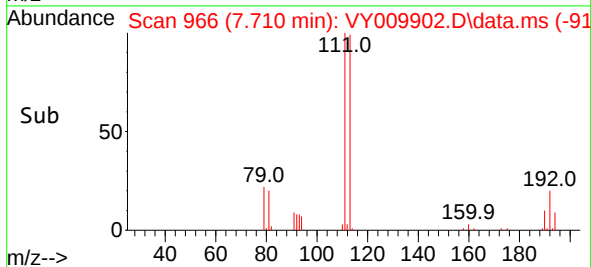
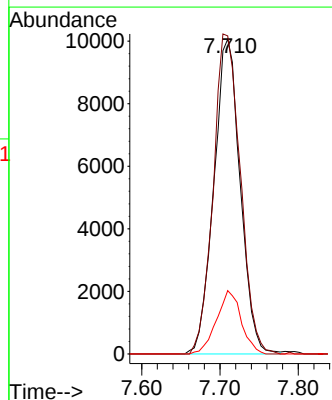
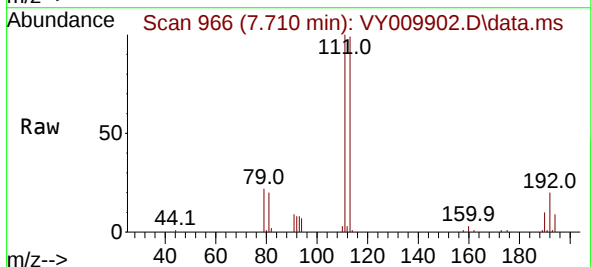
Tgt Ion:113 Resp: 23532

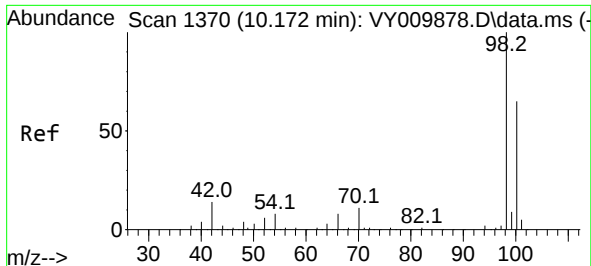
Ion Ratio Lower Upper

113 100

111 104.4 80.6 120.8

192 18.9 16.2 24.4

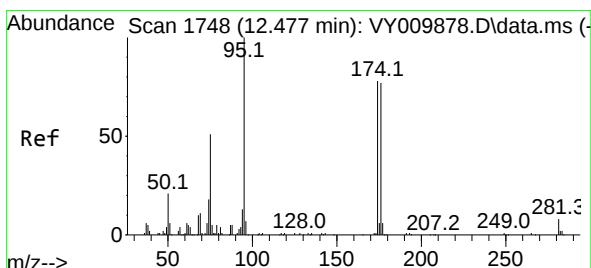
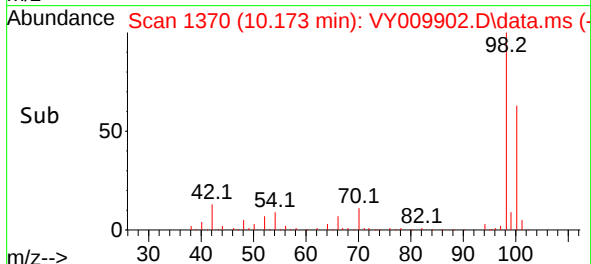
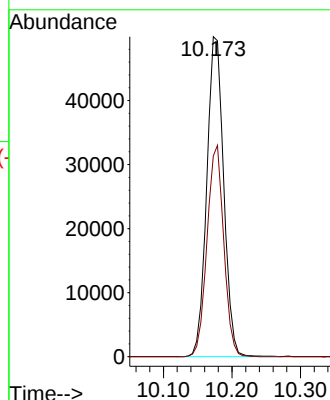
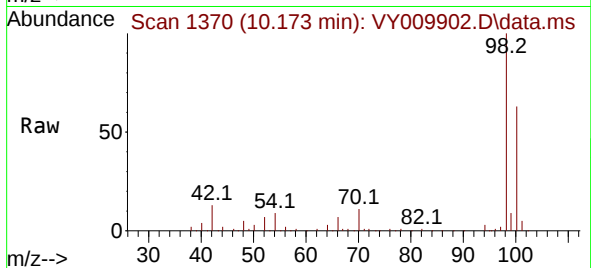




#50
Toluene-d8
Concen: 46.845 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009902.D
Acq: 09 Aug 2022 03:56

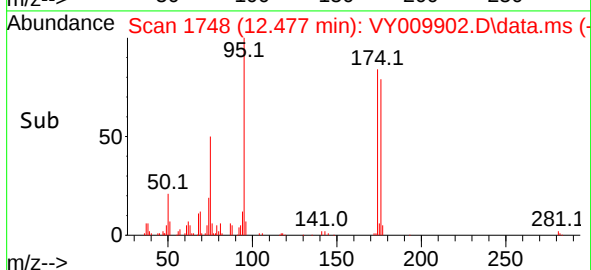
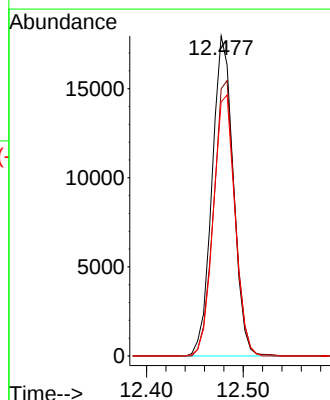
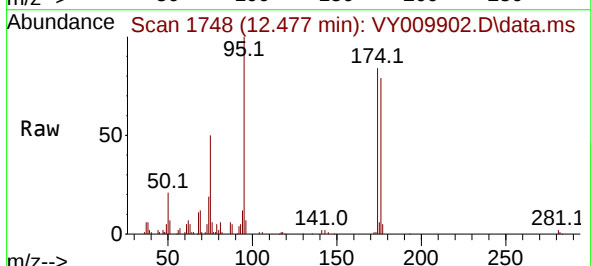
Instrument :
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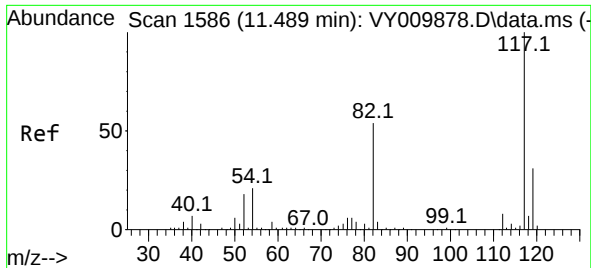
Tgt Ion: 98 Resp: 85935
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 32.689 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009902.D
Acq: 09 Aug 2022 03:56

Tgt Ion: 95 Resp: 27393
Ion Ratio Lower Upper
95 100
174 86.4 0.0 173.8
176 83.1 0.0 167.0

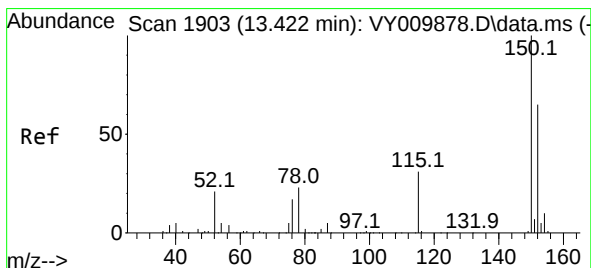
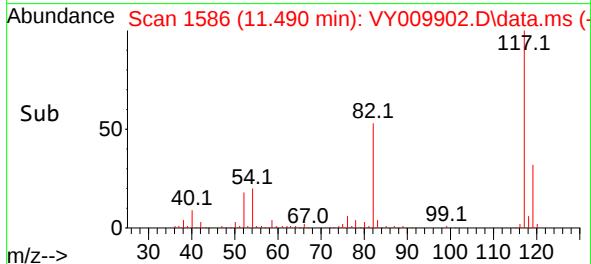
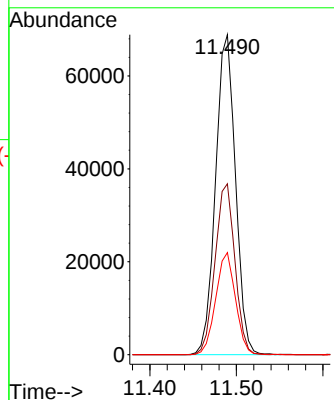
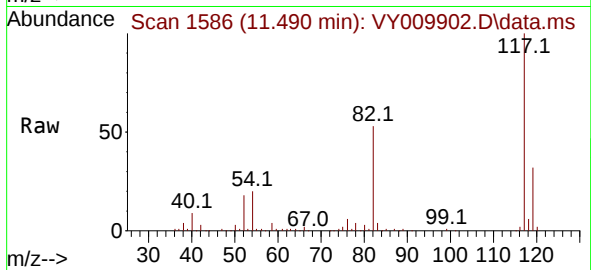




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009902.D
Acq: 09 Aug 2022 03:56

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

Tgt Ion:117 Resp: 109902
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009902.D
Acq: 09 Aug 2022 03:56

Tgt Ion:152 Resp: 49940
Ion Ratio Lower Upper
152 100
115 56.0 28.6 85.9
150 155.7 0.0 349.8

