

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006806.D
 Acq On : 18 Nov 2021 14:20
 Operator : SY/MD
 Sample : M4736-01
 Misc : 5.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-202

Quant Time: Nov 19 05:33:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	1331	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1686	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	787	45.115	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.220%
35) Dibromofluoromethane	7.716	113	329	31.769	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	63.540%
50) Toluene-d8	10.185	98	2001	46.693	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.380%
62) 4-Bromofluorobenzene	12.483	95	255	17.650	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	35.300%

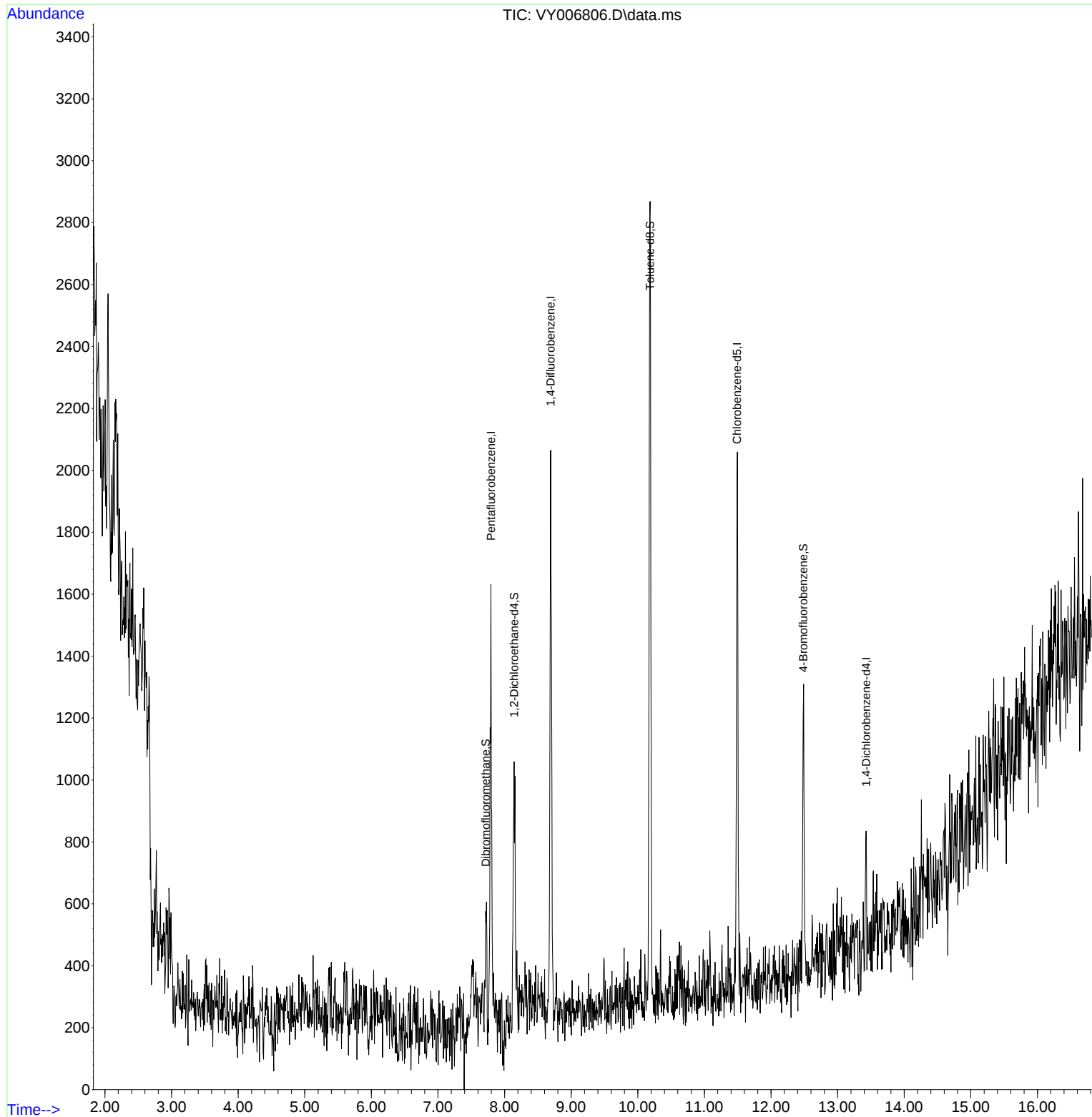
Target Compounds	Qvalue

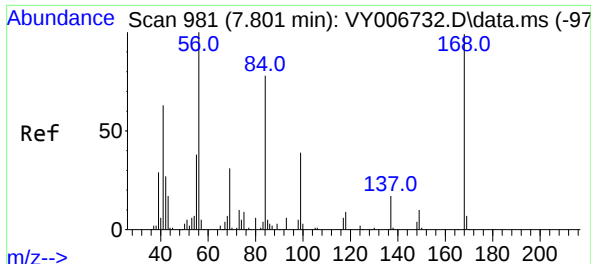
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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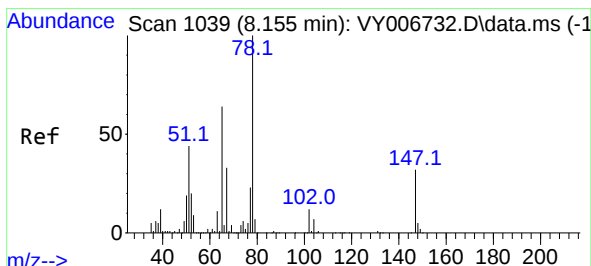
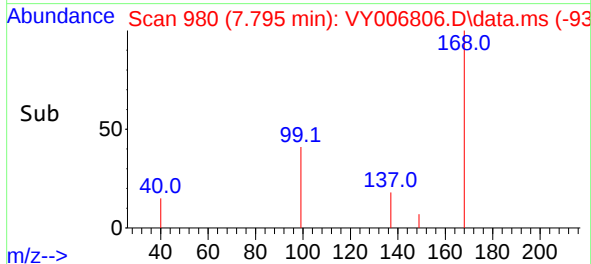
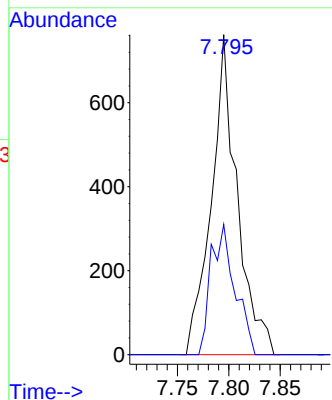
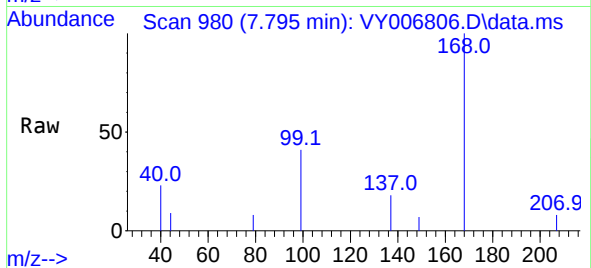




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

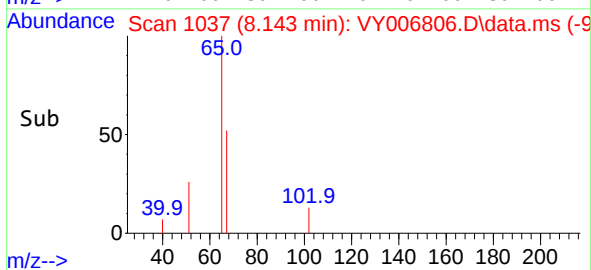
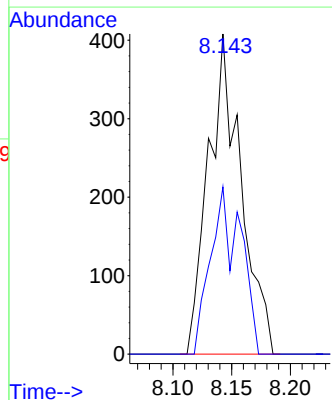
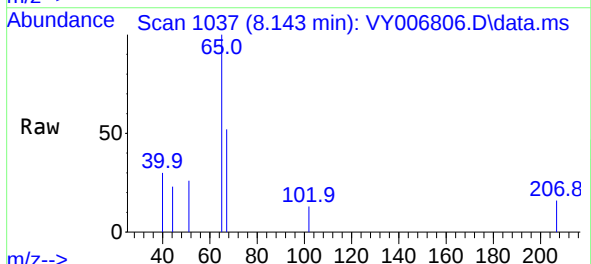
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

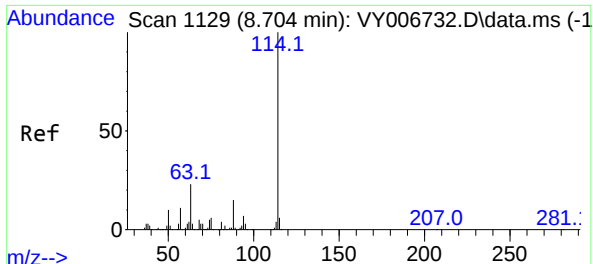
Tgt Ion:168 Resp: 1331
Ion Ratio Lower Upper
168 100
99 40.7 44.8 67.2#



#33
1,2-Dichloroethane-d4
Concen: 45.115 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

Tgt Ion: 65 Resp: 787
Ion Ratio Lower Upper
65 100
67 48.5 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY006806.D

Acq: 18 Nov 2021 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-202

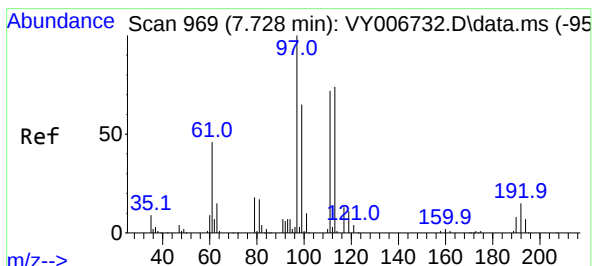
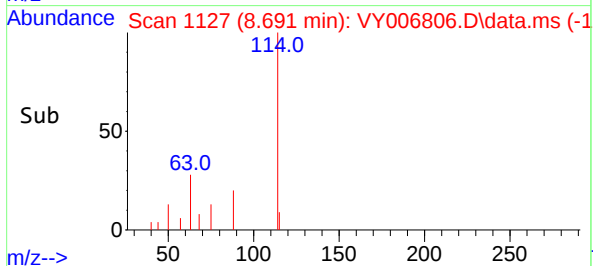
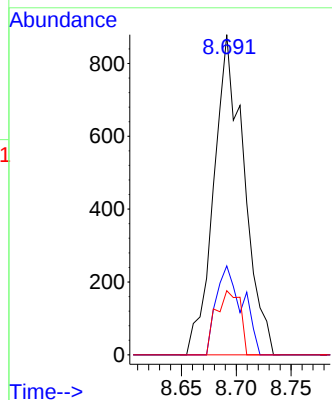
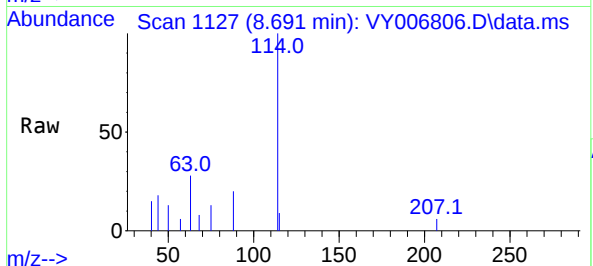
Tgt Ion:114 Resp: 1686

Ion Ratio Lower Upper

114 100

63 27.8 0.0 45.0

88 20.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 31.769 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY006806.D

Acq: 18 Nov 2021 14:20

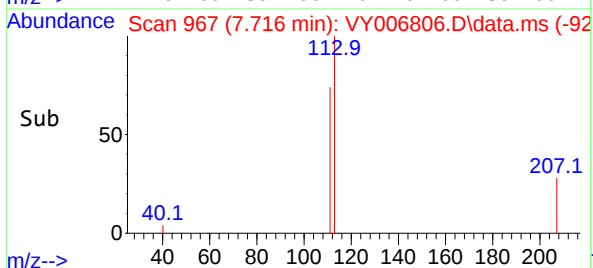
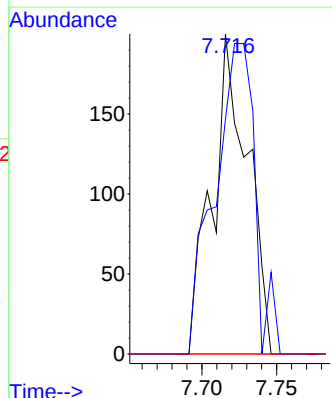
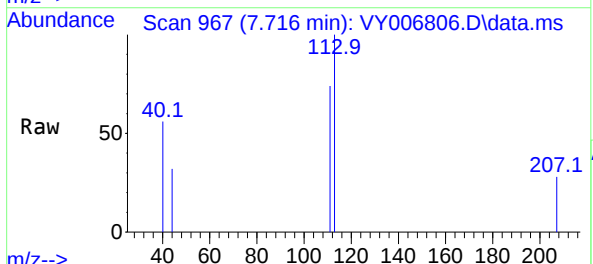
Tgt Ion:113 Resp: 329

Ion Ratio Lower Upper

113 100

111 110.6 82.3 123.5

192 0.0 17.4 26.2#

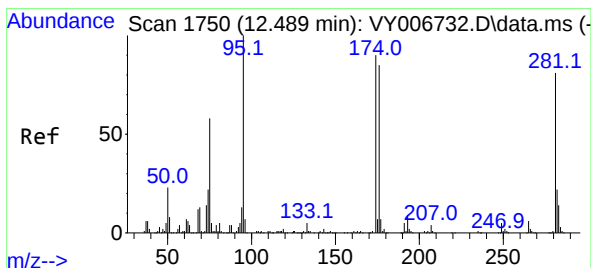
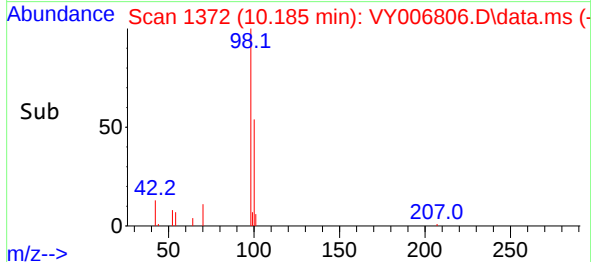
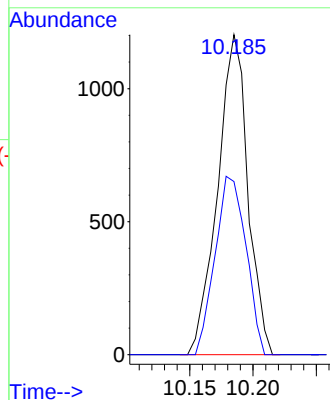
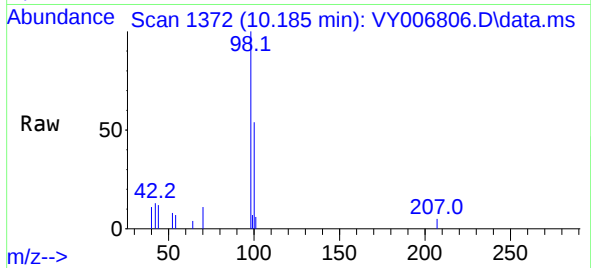




#50
Toluene-d8
Concen: 46.693 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

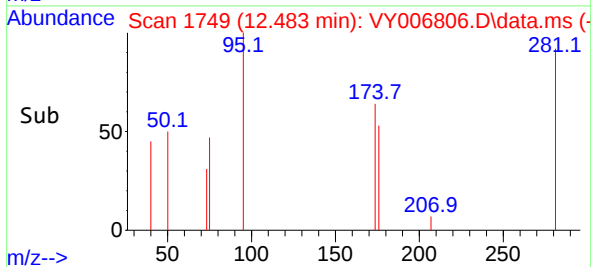
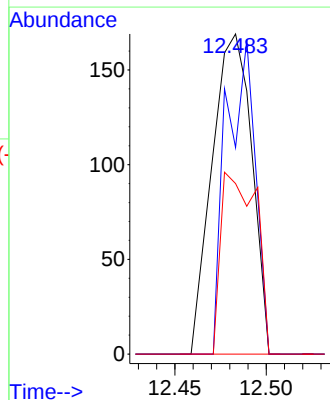
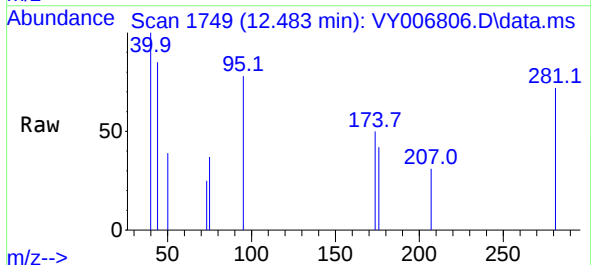
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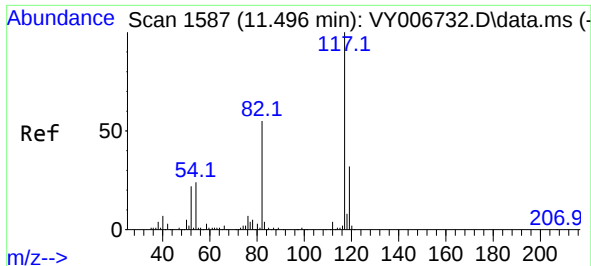
Tgt Ion: 98 Resp: 2001
Ion Ratio Lower Upper
98 100
100 56.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 17.650 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

Tgt Ion: 95 Resp: 255
Ion Ratio Lower Upper
95 100
174 71.4 0.0 177.0
176 50.6 0.0 169.4

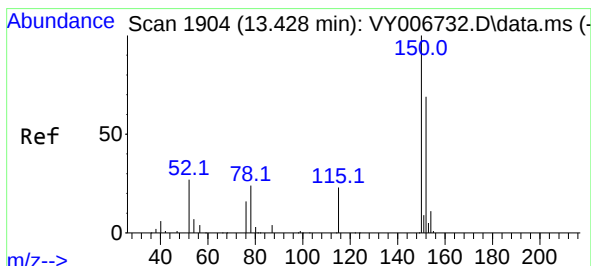
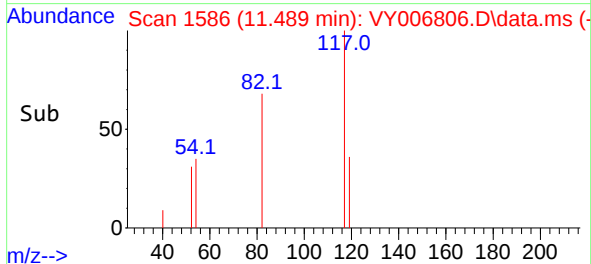
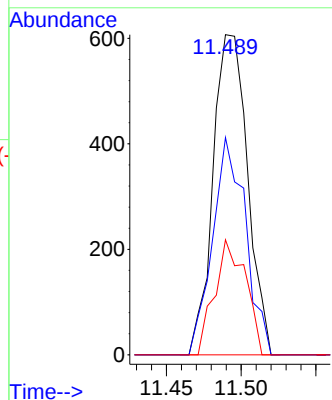
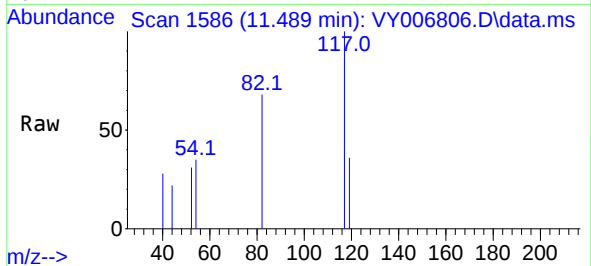




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-202

Tgt Ion:117	Resp:	978	
Ion	Ratio	Lower	Upper
117	100		
82	67.9	45.7	68.5
119	35.9	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006806.D
Acq: 18 Nov 2021 14:20

Tgt Ion:152	Resp:	54	
Ion	Ratio	Lower	Upper
152	100		
115	42.6	28.5	85.5
150	307.4	0.0	348.2

