

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006753.D
 Acq On : 16 Nov 2021 11:53
 Operator : SY/MD
 Sample : M4651-01
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-111121

Quant Time: Nov 17 04:12:36 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	7.801	168	2888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	4793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	2432	64.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.500%
35) Dibromofluoromethane	7.728	113	1453	49.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.185	98	5924	48.626	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.489	95	1420	34.574	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.140%

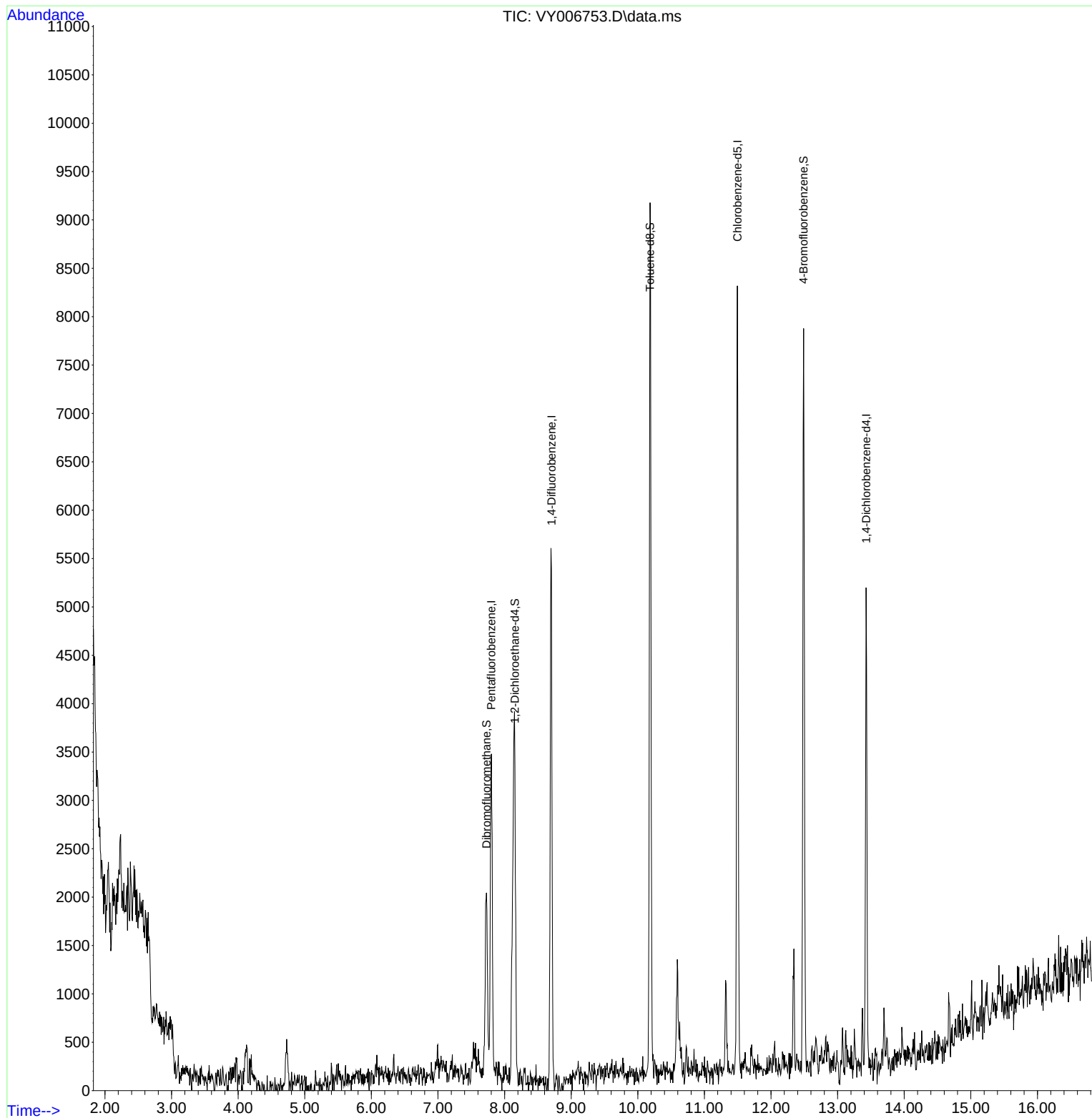
Target Compounds	Qvalue

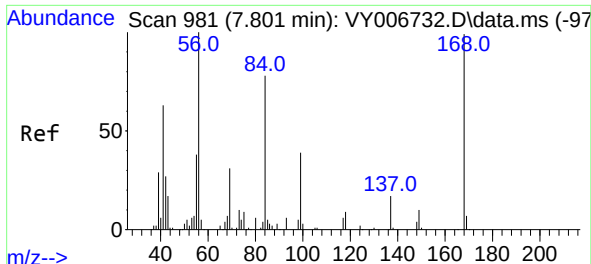
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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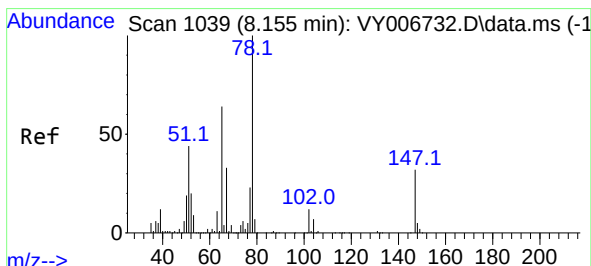
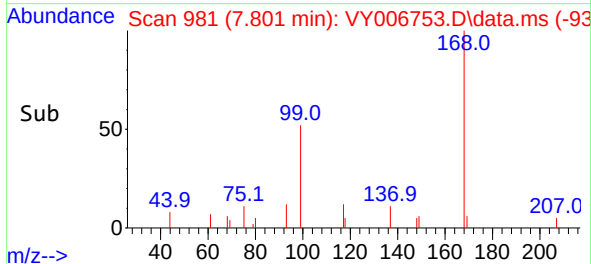
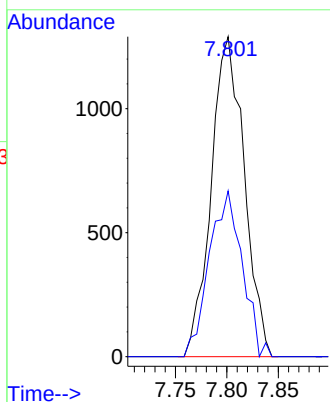
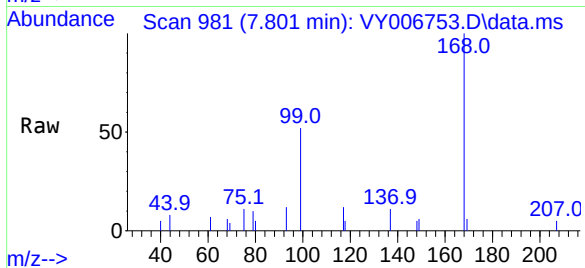




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006753.D
Acq: 16 Nov 2021 11:53

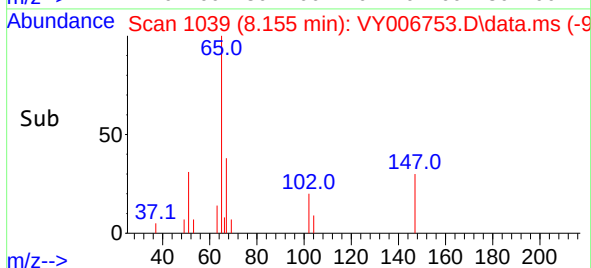
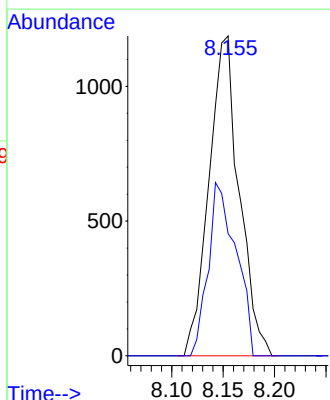
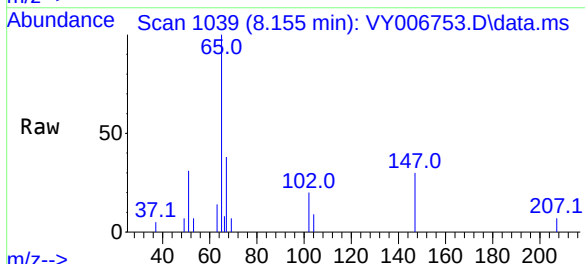
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-111121

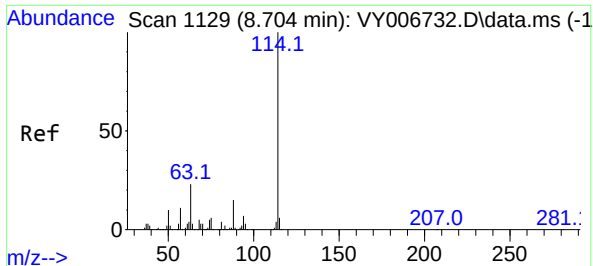
Tgt Ion:168 Resp: 2888
Ion Ratio Lower Upper
168 100
99 51.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 64.252 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006753.D
Acq: 16 Nov 2021 11:53

Tgt Ion: 65 Resp: 2432
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY006753.D

Acq: 16 Nov 2021 11:53

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-111121

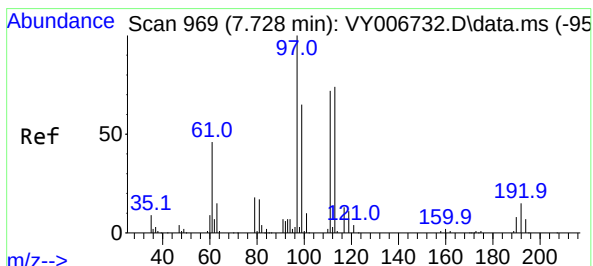
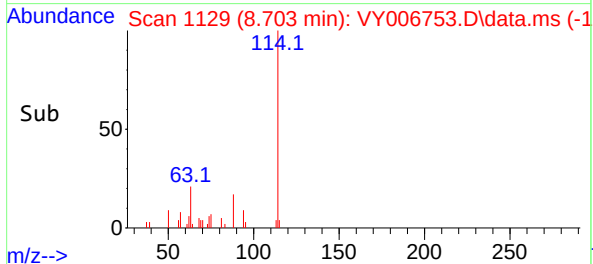
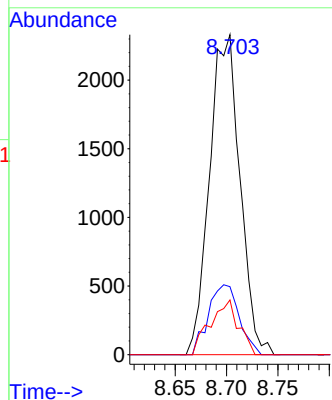
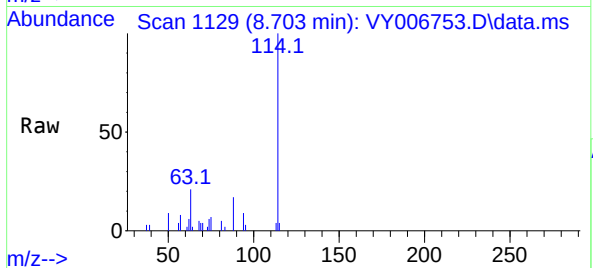
Tgt Ion:114 Resp: 4793

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 17.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.354 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006753.D

Acq: 16 Nov 2021 11:53

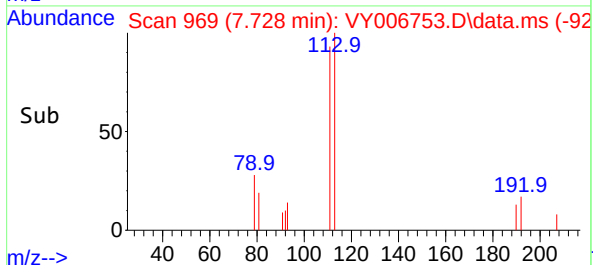
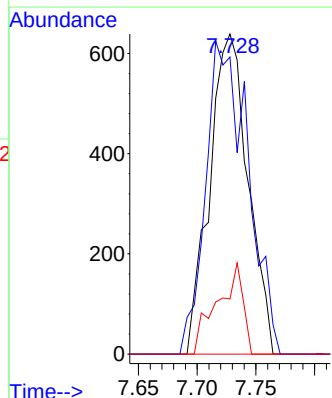
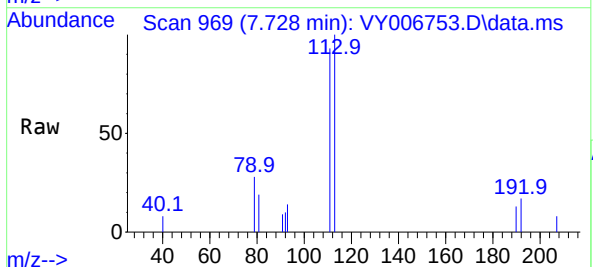
Tgt Ion:113 Resp: 1453

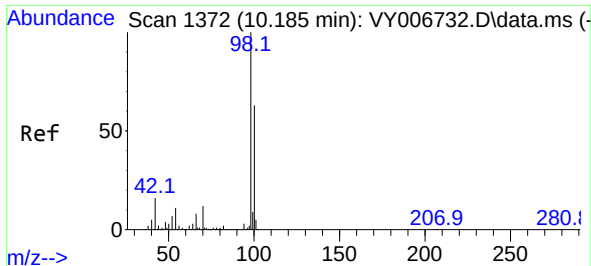
Ion Ratio Lower Upper

113 100

111 107.2 82.3 123.5

192 19.0 17.4 26.2

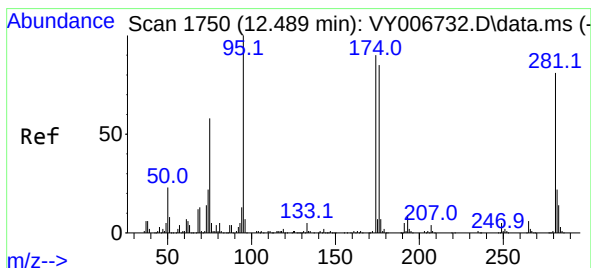
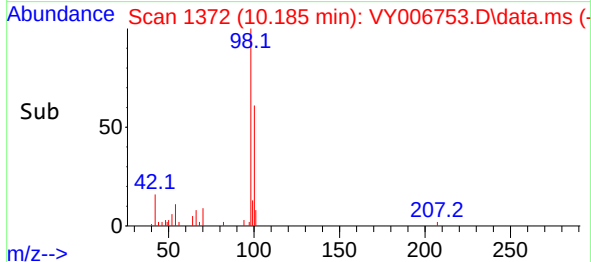
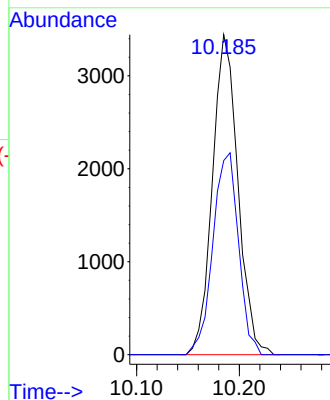
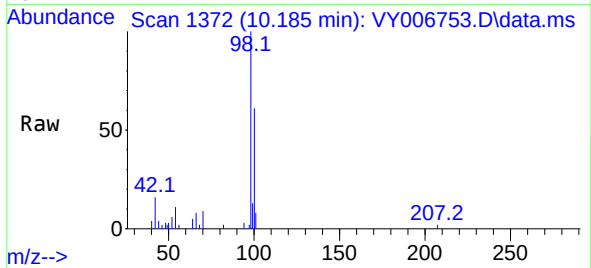




#50
Toluene-d8
Concen: 48.626 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006753.D
Acq: 16 Nov 2021 11:53

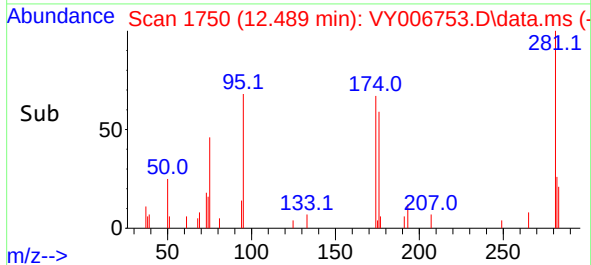
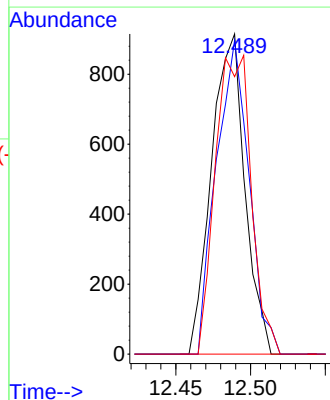
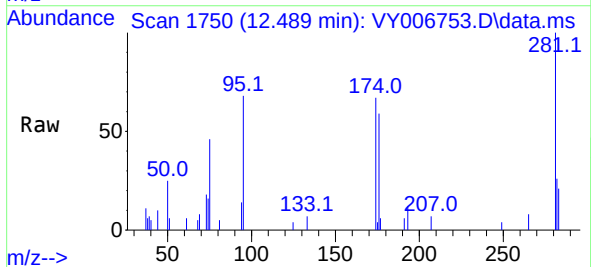
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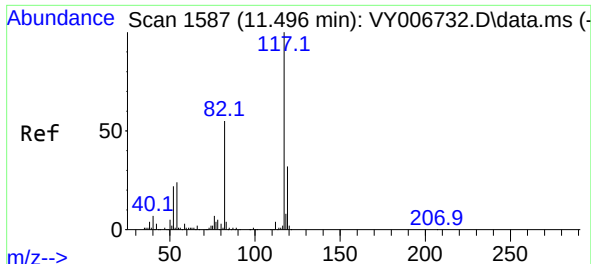
Tgt Ion: 98 Resp: 5924
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 34.574 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006753.D
Acq: 16 Nov 2021 11:53

Tgt Ion: 95 Resp: 1420
Ion Ratio Lower Upper
95 100
174 96.1 0.0 177.0
176 100.6 0.0 169.4

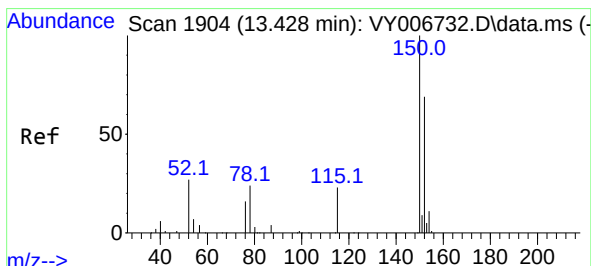
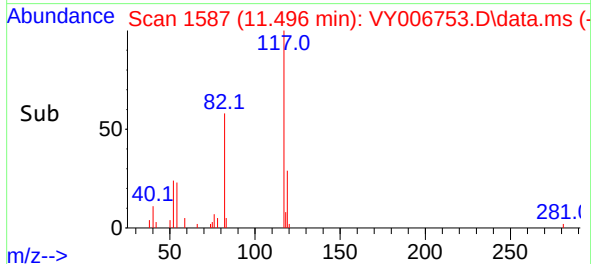
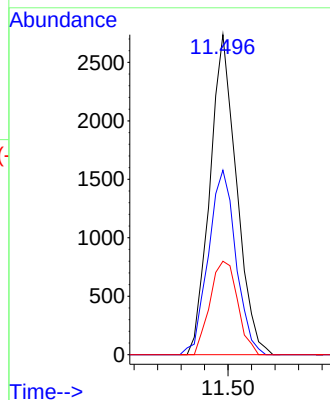
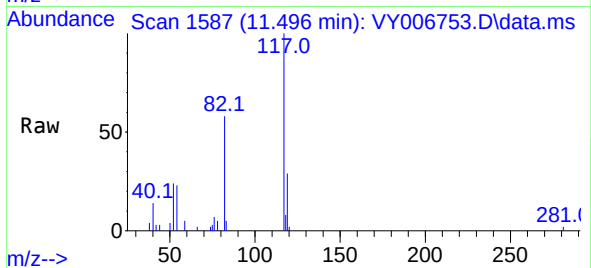




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006753.D
Acq: 16 Nov 2021 11:53

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-111121

Tgt Ion:	117	Resp:	4311
Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.7	68.5
119	29.2	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: VY006753.D
Acq: 16 Nov 2021 11:53

Tgt Ion:	152	Resp:	1334
Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.5	85.5
150	156.8	0.0	348.2

