

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006883.D
 Acq On : 24 Nov 2021 17:38
 Operator : SY/MD
 Sample : M4831-06
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW9-GW-858-860

Quant Time: Nov 26 09:58:09 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	93272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	157969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	149793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64399	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	73028	59.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.480%
35) Dibromofluoromethane	7.734	113	49405	50.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.840%
50) Toluene-d8	10.185	98	191626	47.724	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.489	95	64907	47.950	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.900%

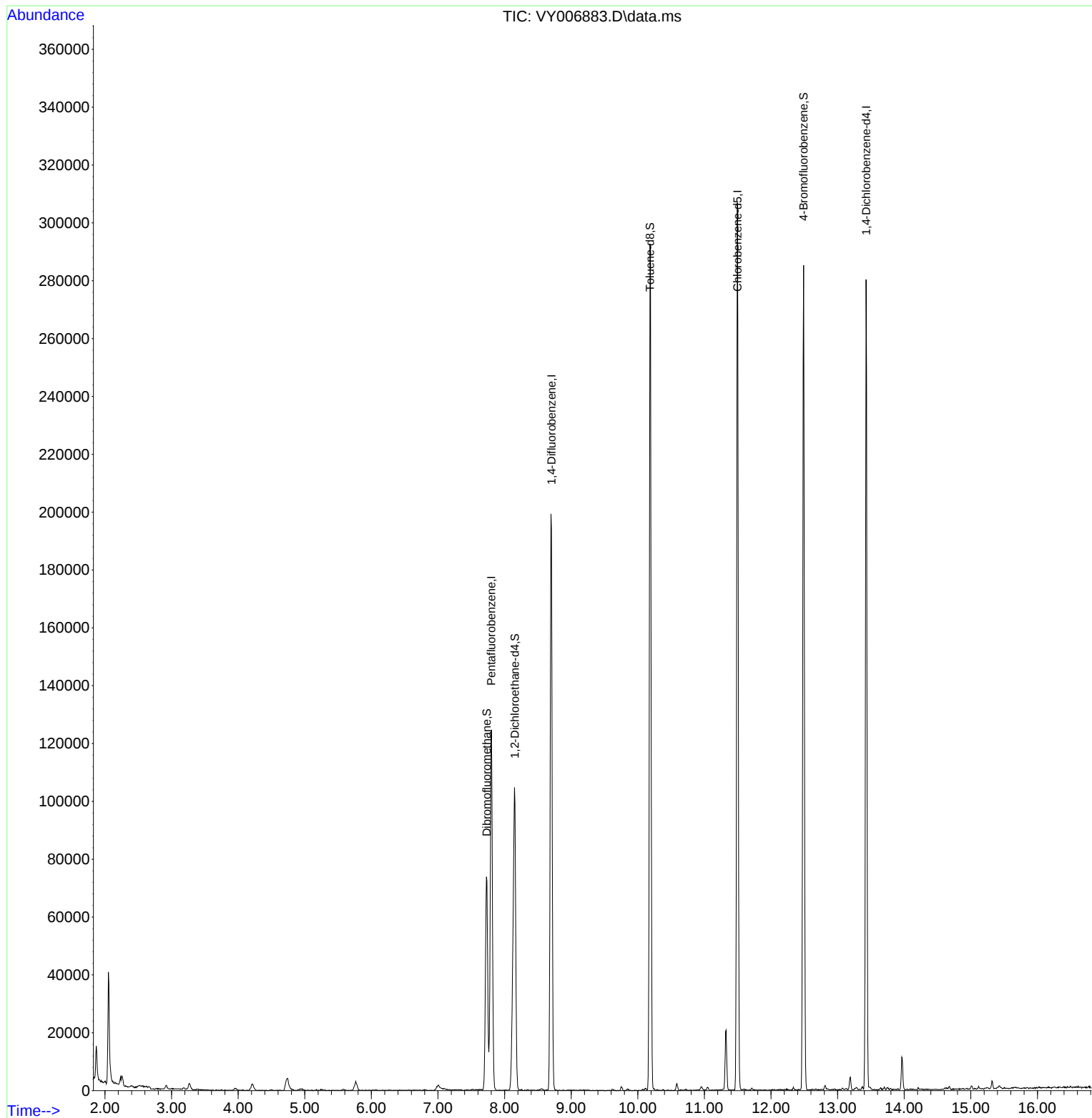
Target Compounds	Qvalue

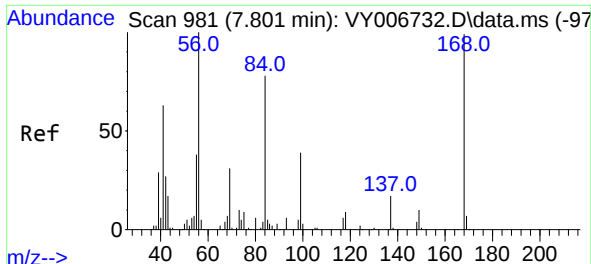
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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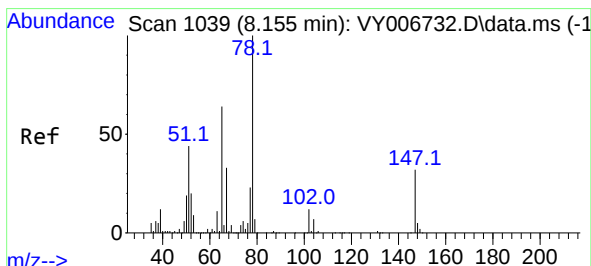
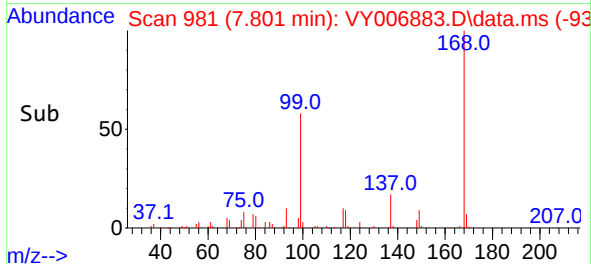
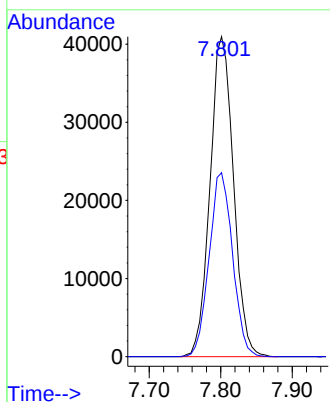
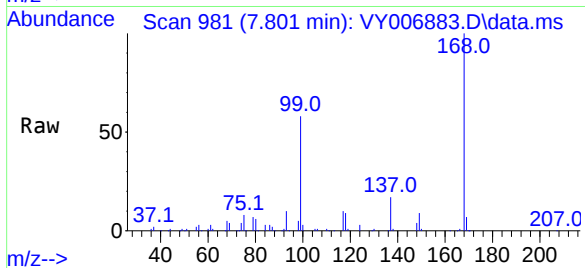




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

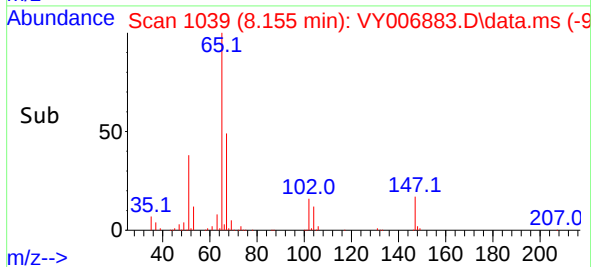
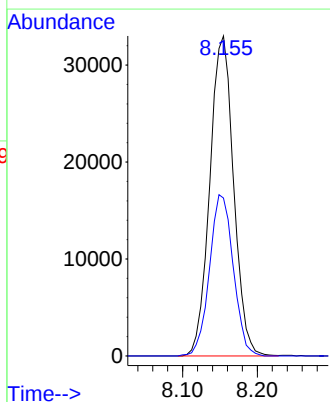
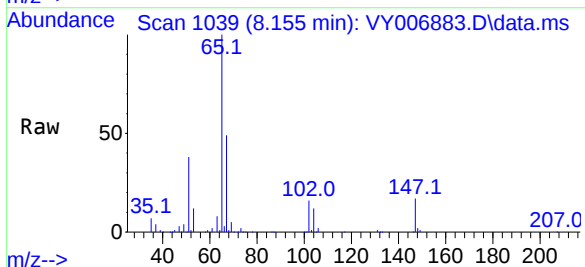
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW9-GW-858-860

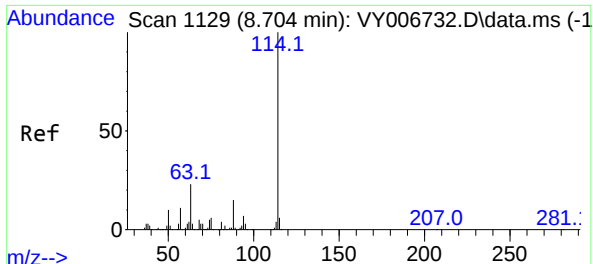
Tgt Ion:168 Resp: 93272
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 59.739 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

Tgt Ion: 65 Resp: 73028
Ion Ratio Lower Upper
65 100
67 50.4 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: VY006883.D

Acq: 24 Nov 2021 17:38

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW9-GW-858-860

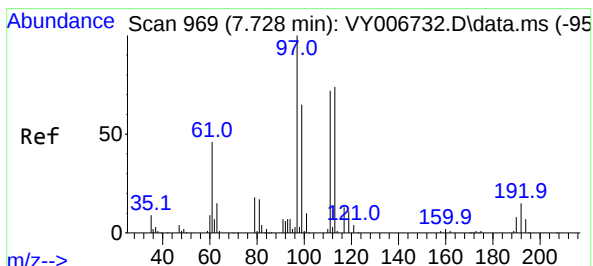
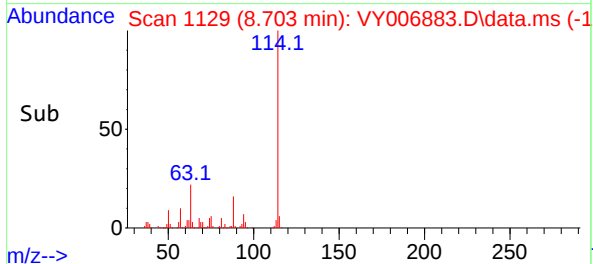
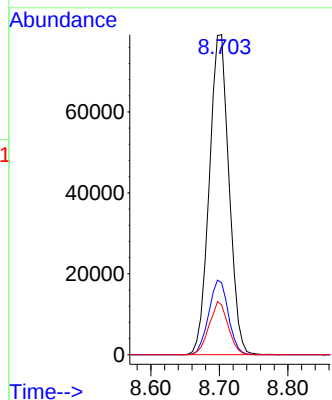
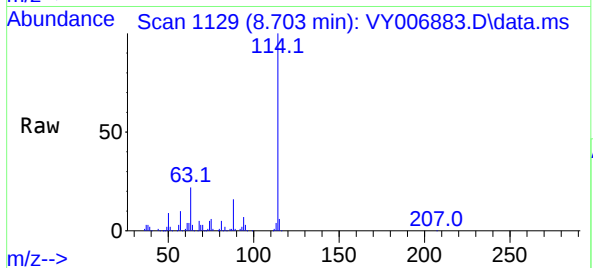
Tgt Ion:114 Resp: 157969

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.917 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY006883.D

Acq: 24 Nov 2021 17:38

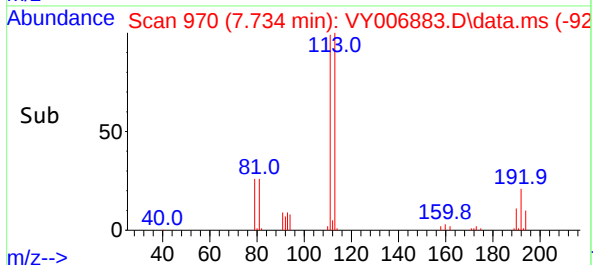
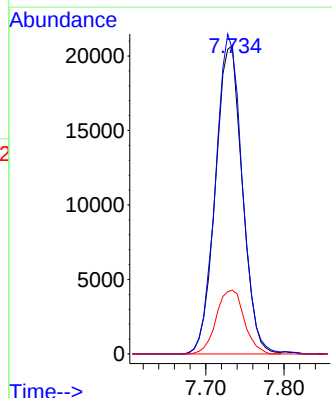
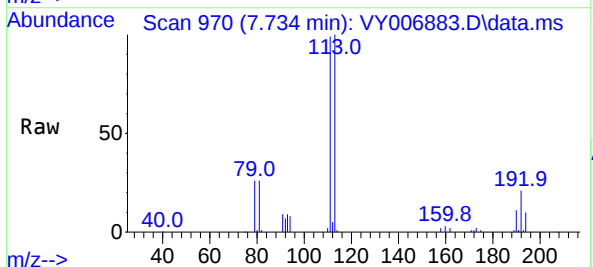
Tgt Ion:113 Resp: 49405

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

192 21.5 17.4 26.2

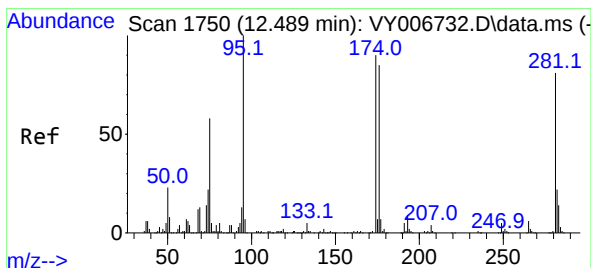
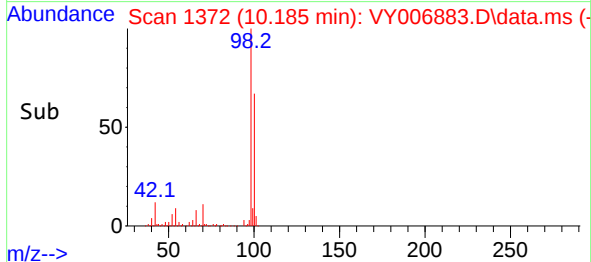
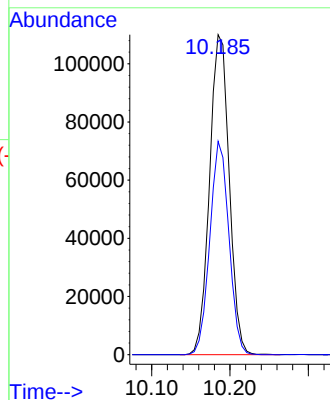
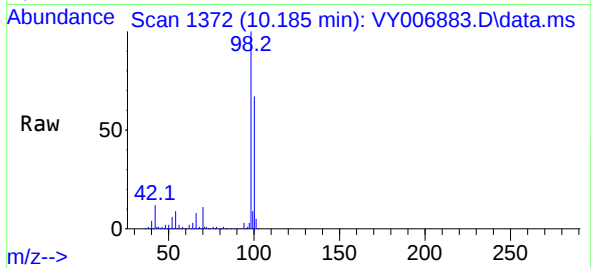




#50
Toluene-d8
Concen: 47.724 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

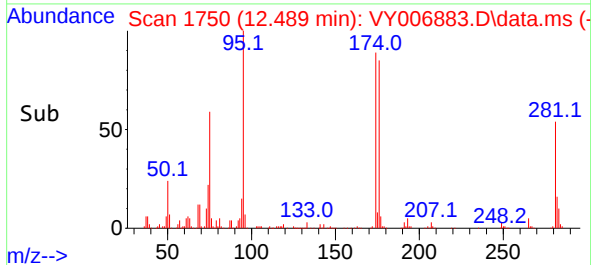
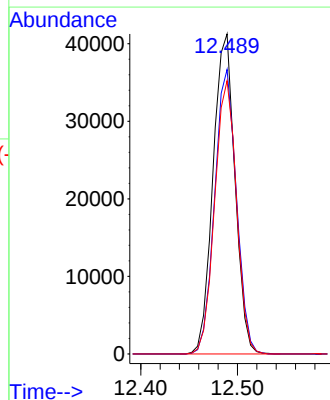
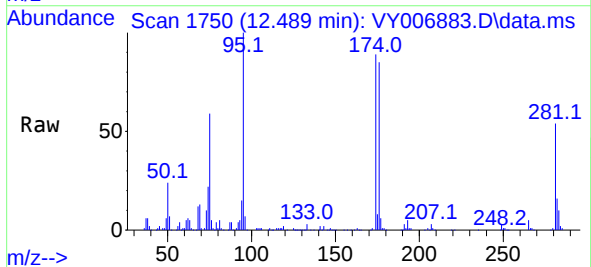
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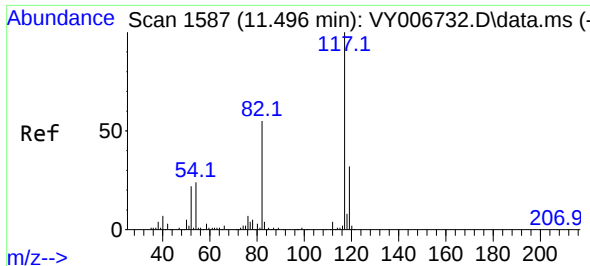
Tgt Ion: 98 Resp: 191626
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.950 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

Tgt Ion: 95 Resp: 64907
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 85.0 0.0 169.4

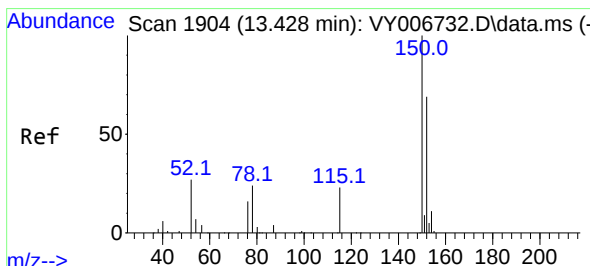
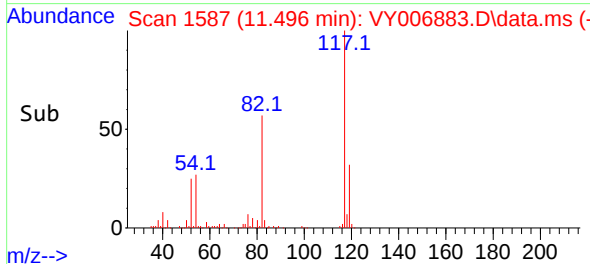
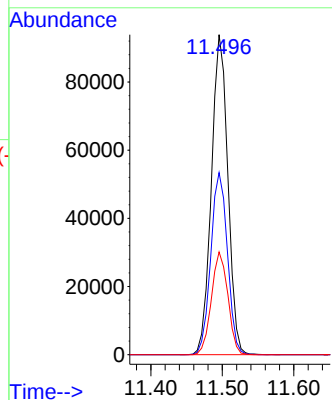
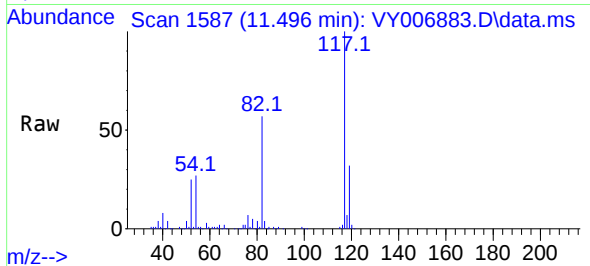




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006883.D
Acq: 24 Nov 2021 17:38

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW9-GW-858-860

Tgt Ion:	117	Resp:	149793
Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.7	68.5
119	32.1	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: VY006883.D
Acq: 24 Nov 2021 17:38

Tgt Ion:	152	Resp:	64399
Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.5	85.5
150	159.3	0.0	348.2

