

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006888.D
 Acq On : 24 Nov 2021 19:36
 Operator : SY/MD
 Sample : M4843-02
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 L-1A

Quant Time: Nov 26 09:59:39 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	2082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	3892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4092	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1210	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	2558	93.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	187.480%#
35) Dibromofluoromethane	7.728	113	1412	59.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.120%
50) Toluene-d8	10.191	98	4848	49.006	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.483	95	1568	47.016	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.040%

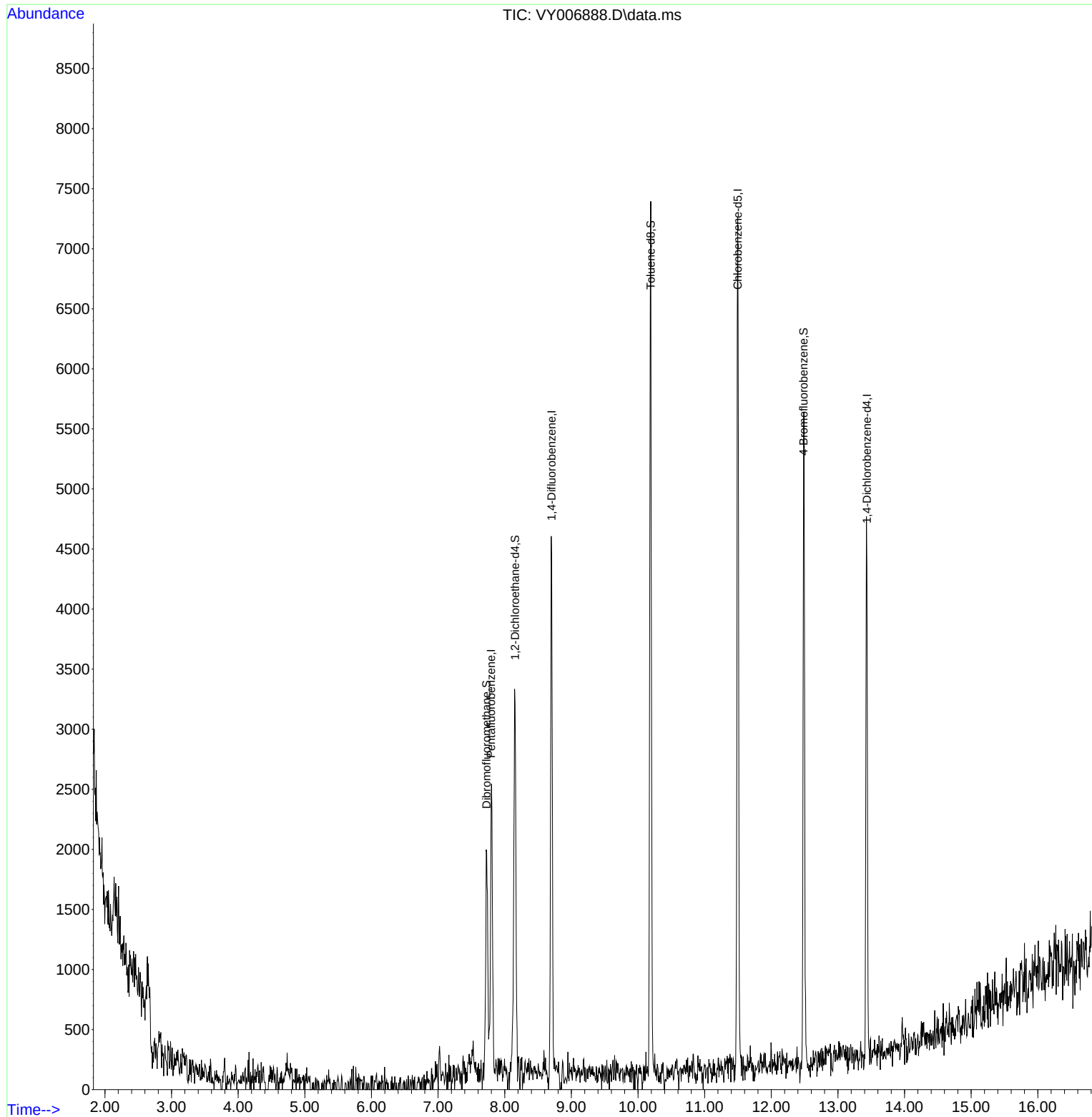
Target Compounds	Qvalue

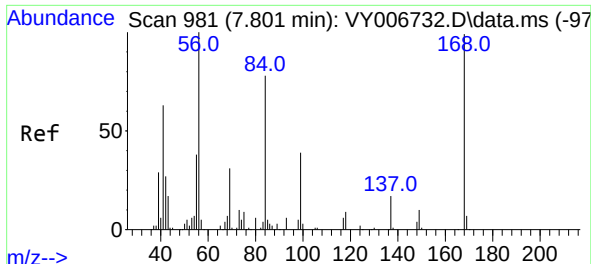
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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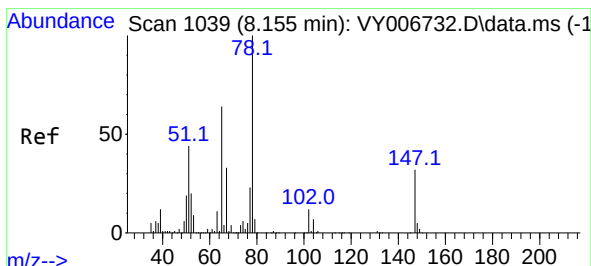
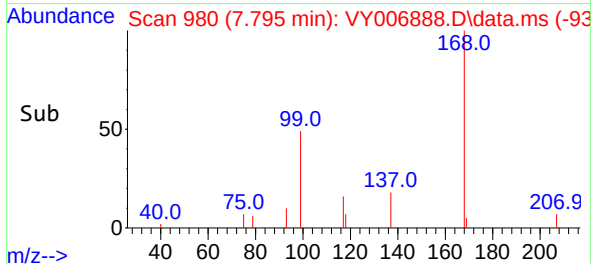
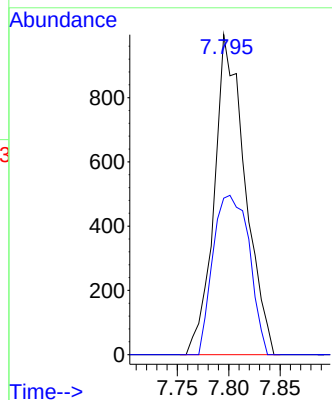
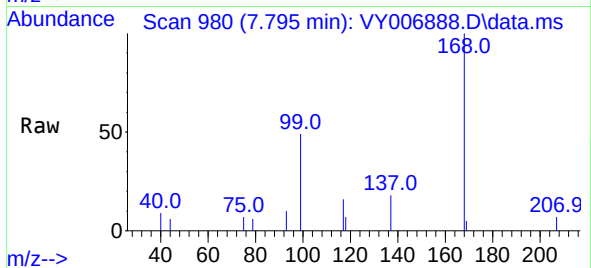




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

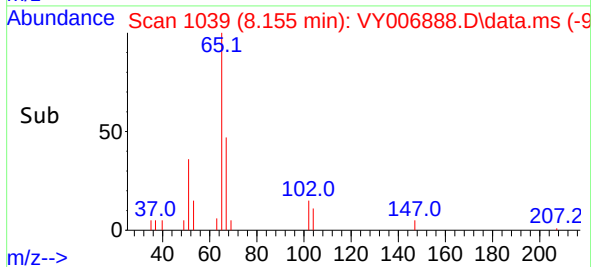
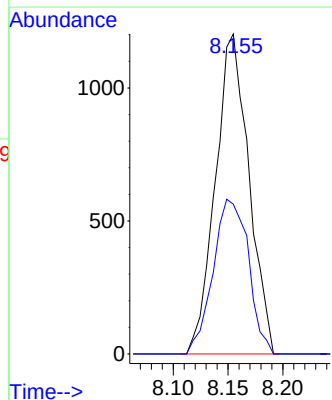
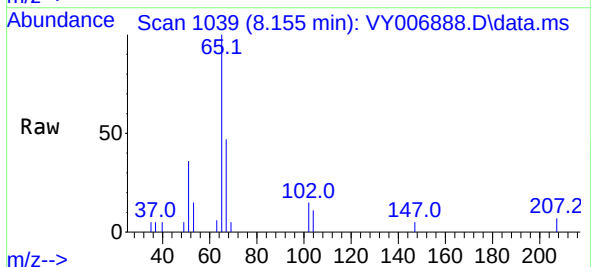
Instrument :
MSVOA_Y
ClientSampleId :
L-1A

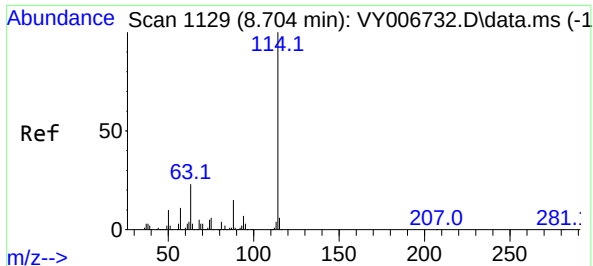
Tgt Ion:168 Resp: 2082
Ion Ratio Lower Upper
168 100
99 48.9 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 93.744 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

Tgt Ion: 65 Resp: 2558
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY006888.D

Acq: 24 Nov 2021 19:36

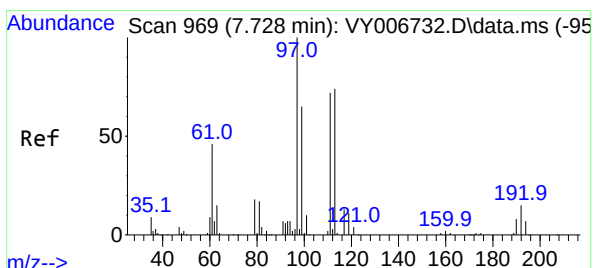
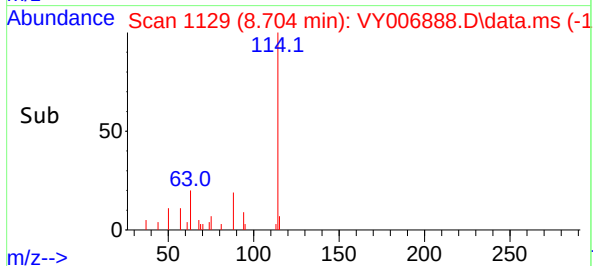
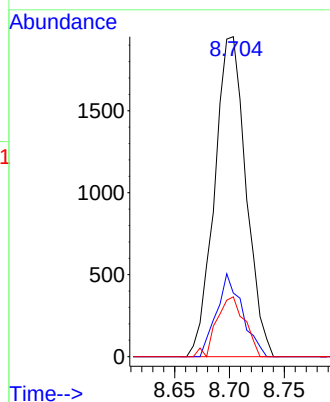
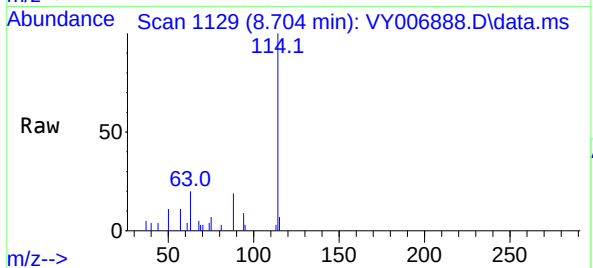
Instrument :

MSVOA_Y

ClientSampleId :

L-1A

Tgt Ion:114	Resp:	3892
Ion	Ratio	Lower Upper
114	100	
63	19.9	0.0 45.0
88	18.7	0.0 30.6



#35

Dibromofluoromethane

Concen: 59.064 ug/l

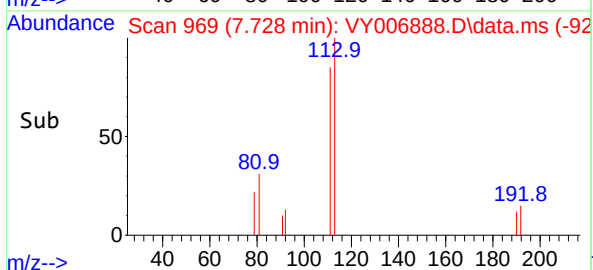
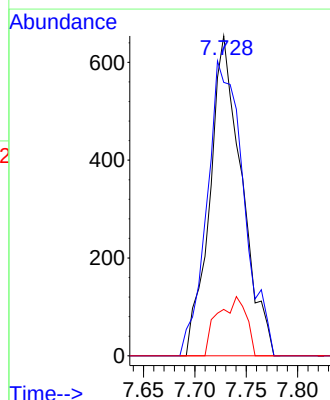
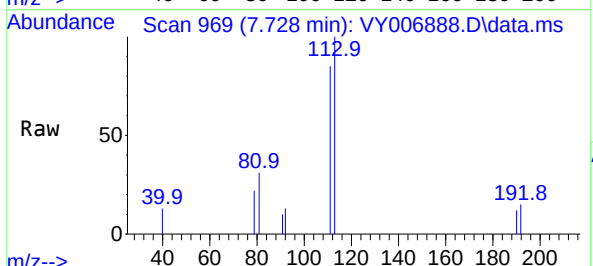
RT: 7.728 min Scan# 969

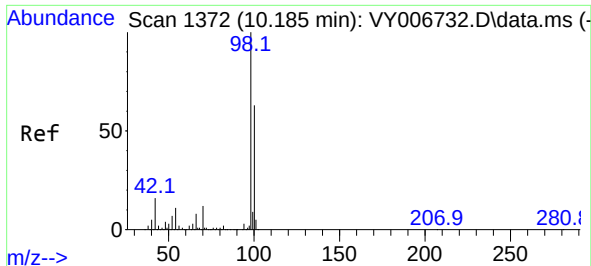
Delta R.T. 0.000 min

Lab File: VY006888.D

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Tgt Ion:113	Resp:	1412
Ion	Ratio	Lower Upper
113	100	
111	105.7	82.3 123.5
192	16.4	17.4 26.2

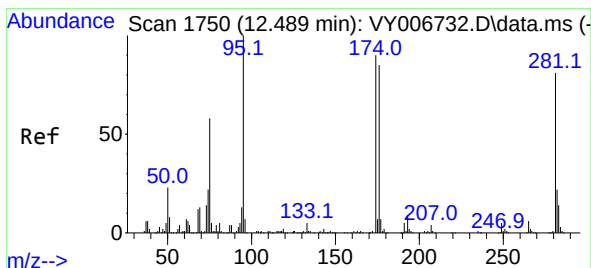
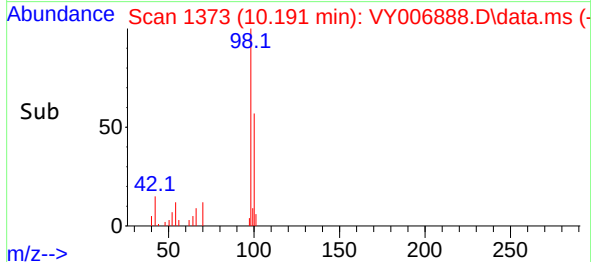
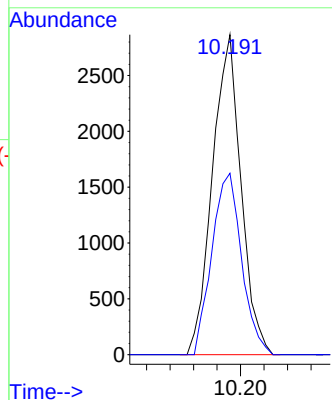
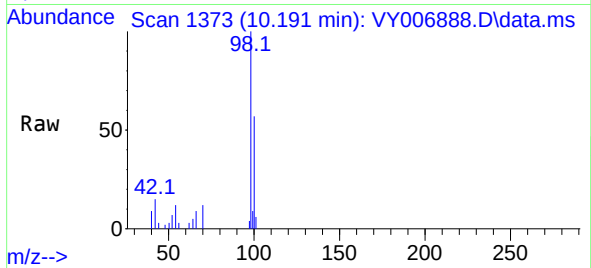




#50
Toluene-d8
Concen: 49.006 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

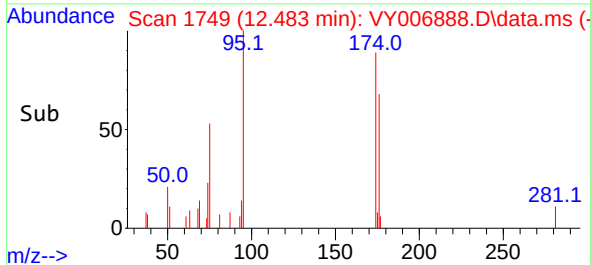
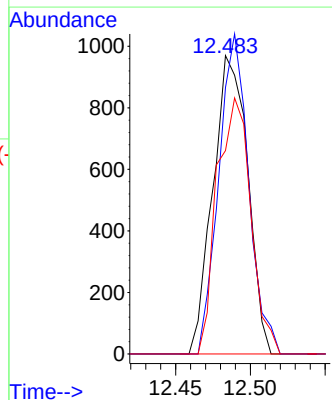
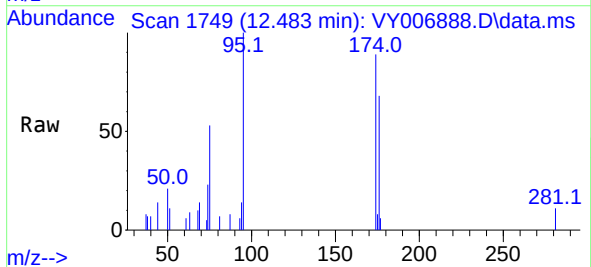
Instrument :
MSVOA_Y
ClientSampleId :
L-1A

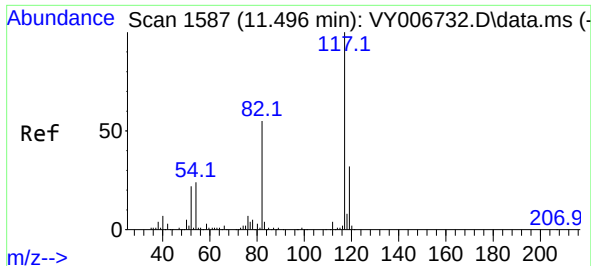
Tgt Ion: 98 Resp: 4848
Ion Ratio Lower Upper
98 100
100 58.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.016 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

Tgt Ion: 95 Resp: 1568
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 83.3 0.0 169.4

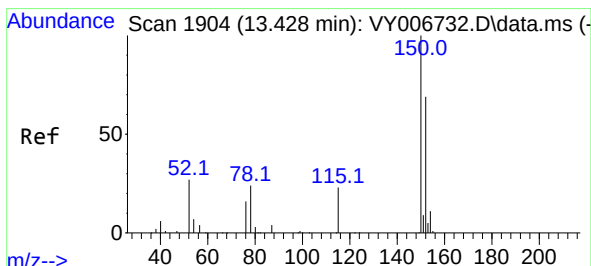
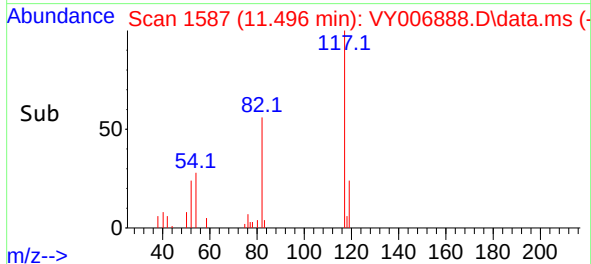
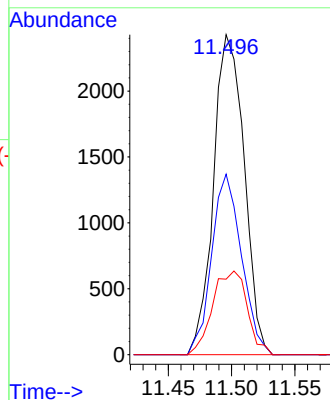
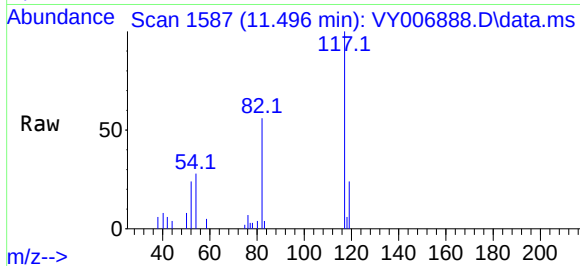




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

Instrument :
MSVOA_Y
ClientSampleId :
L-1A

Tgt Ion:	117	Resp:	4092
Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.7	68.5
119	23.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

Tgt Ion:	152	Resp:	1210
Ion	Ratio	Lower	Upper
152	100		
115	66.2	28.5	85.5
150	163.2	0.0	348.2

