

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006816.D
 Acq On : 18 Nov 2021 18:55
 Operator : SY/MD
 Sample : M4762-05
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1-3

Quant Time: Nov 19 05:35:37 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	730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1517	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	1335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	238	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	851	88.947	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	177.900%#
35) Dibromofluoromethane	7.716	113	453	48.616	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.185	98	2008	52.076	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.160%
62) 4-Bromofluorobenzene	12.483	95	772	59.388	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.780%

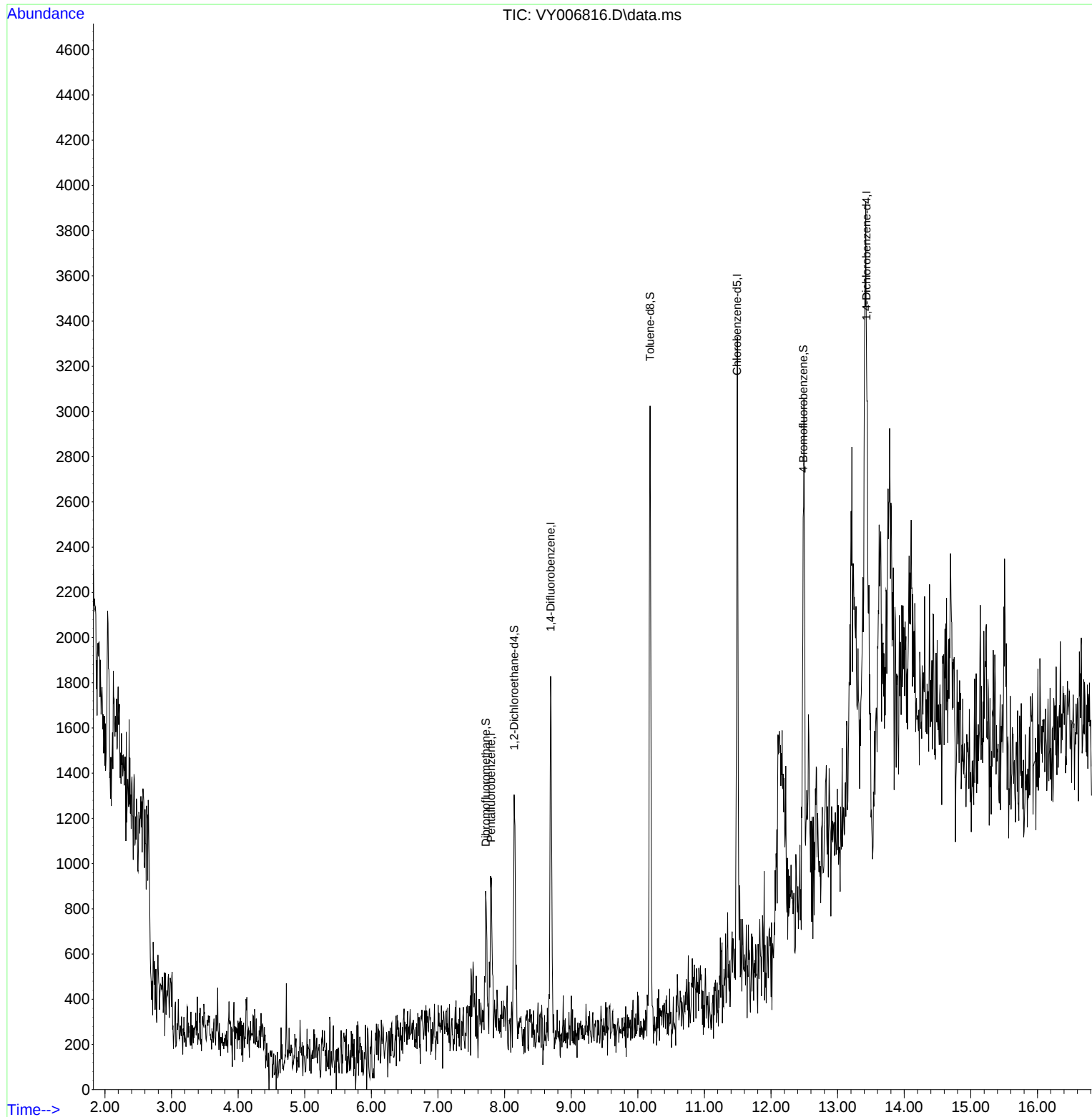
Target Compounds	Qvalue

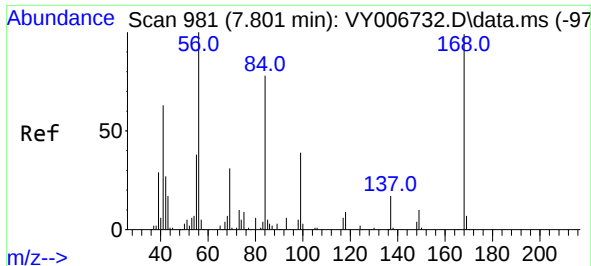
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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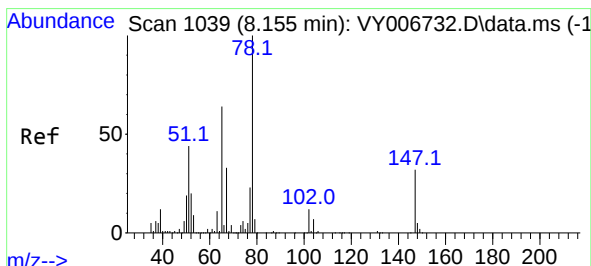
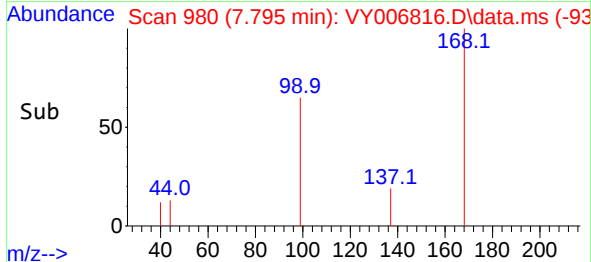
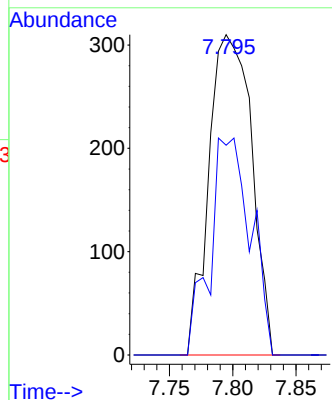
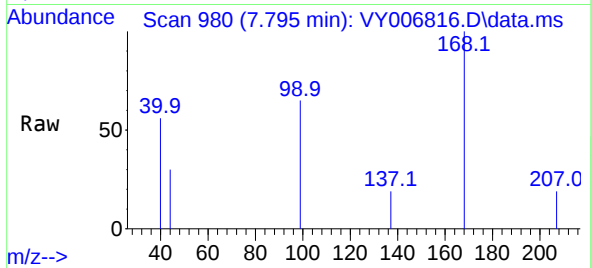




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006816.D
Acq: 18 Nov 2021 18:55

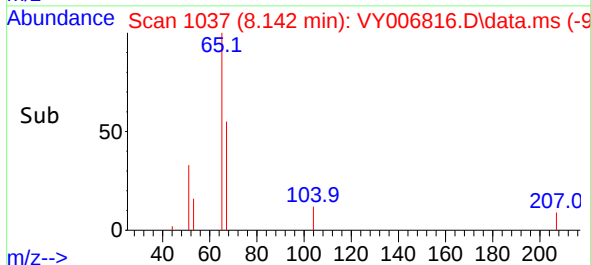
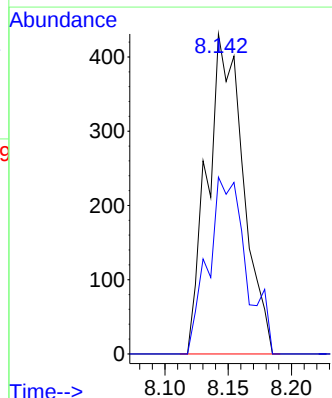
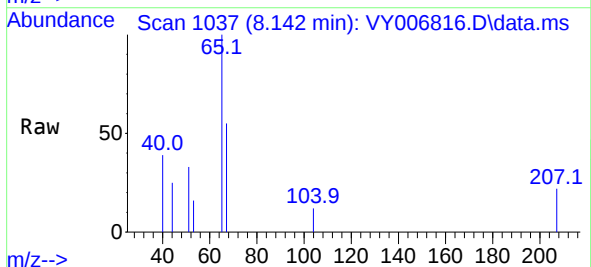
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1-3

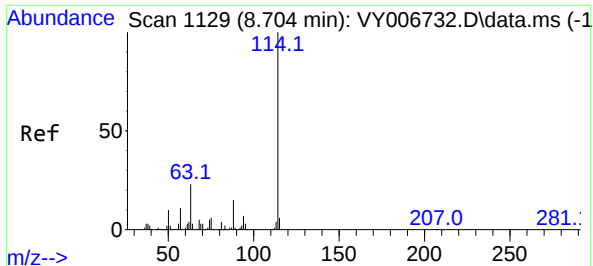
Tgt Ion:168 Resp: 730
Ion Ratio Lower Upper
168 100
99 65.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 88.947 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.013 min
Lab File: VY006816.D
Acq: 18 Nov 2021 18:55

Tgt Ion: 65 Resp: 851
Ion Ratio Lower Upper
65 100
67 58.3 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.013 min

Lab File: VY006816.D

Acq: 18 Nov 2021 18:55

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1-3

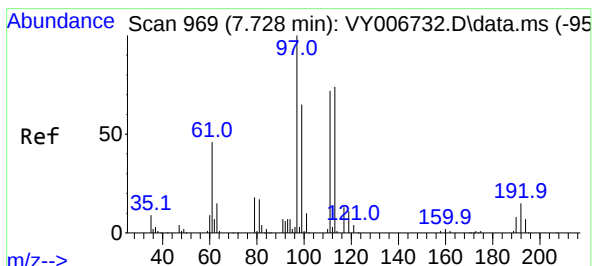
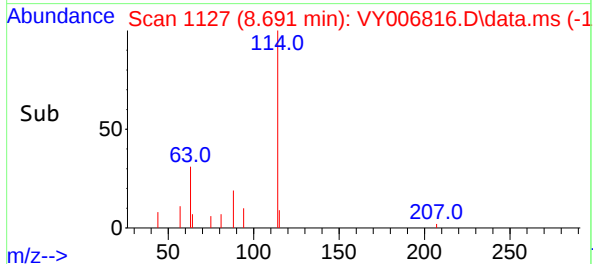
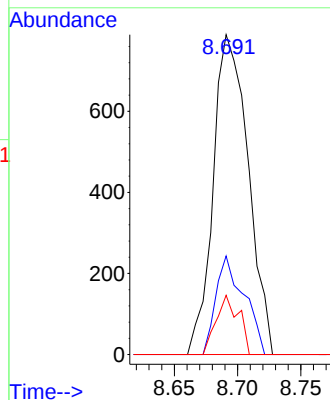
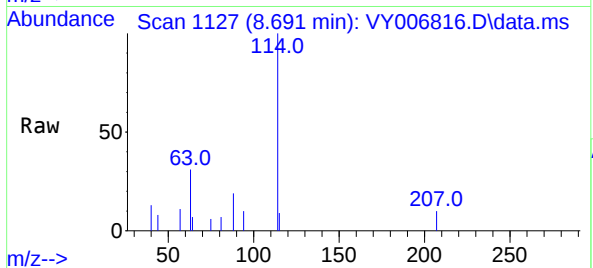
Tgt Ion:114 Resp: 1517

Ion Ratio Lower Upper

114 100

63 30.8 0.0 45.0

88 18.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.616 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.013 min

Lab File: VY006816.D

Acq: 18 Nov 2021 18:55

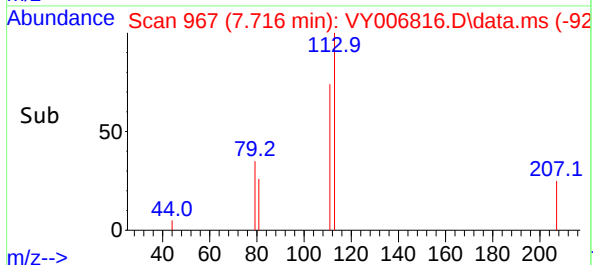
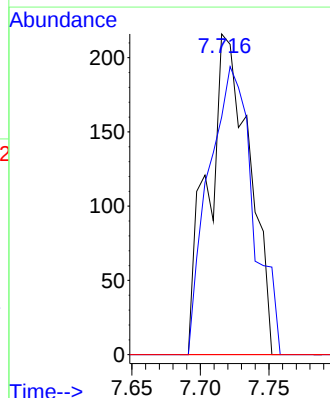
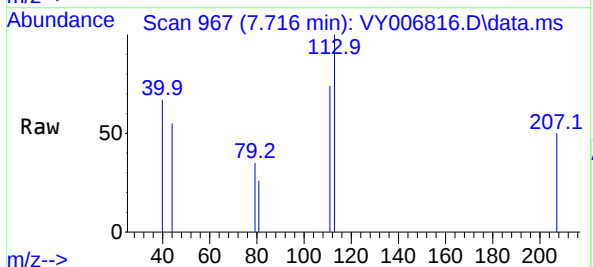
Tgt Ion:113 Resp: 453

Ion Ratio Lower Upper

113 100

111 96.2 82.3 123.5

192 0.0 17.4 26.2#

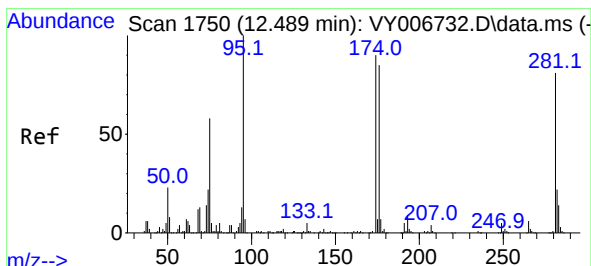
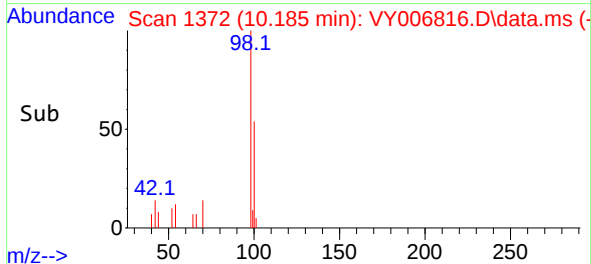
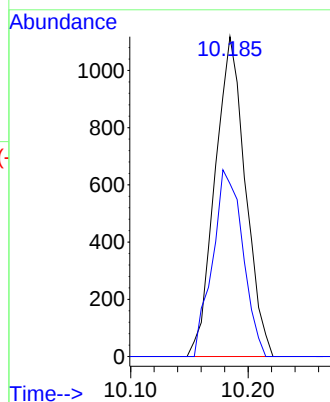
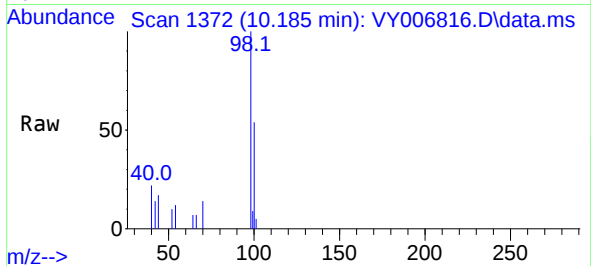




#50
Toluene-d8
Concen: 52.076 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006816.D
Acq: 18 Nov 2021 18:55

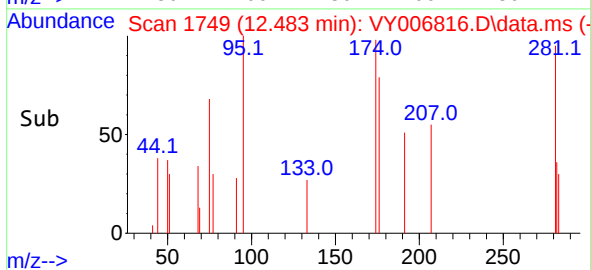
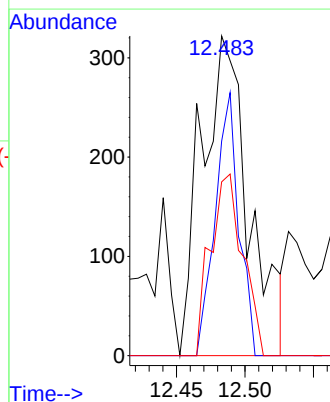
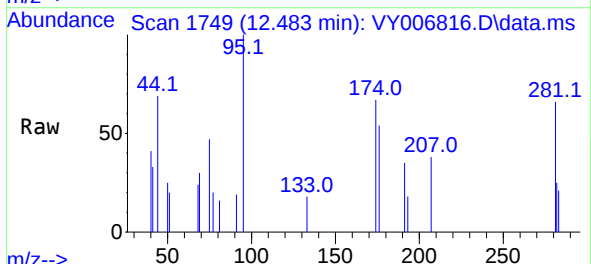
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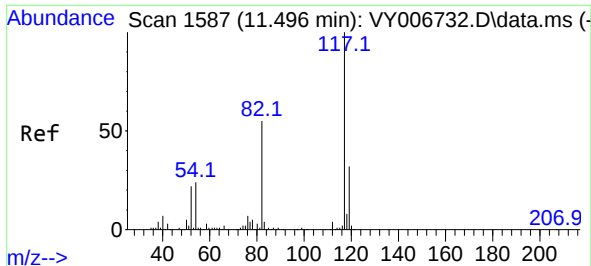
Tgt Ion: 98 Resp: 2008
Ion Ratio Lower Upper
98 100
100 57.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 59.388 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006816.D
Acq: 18 Nov 2021 18:55

Tgt Ion: 95 Resp: 772
Ion Ratio Lower Upper
95 100
174 41.1 0.0 177.0
176 39.0 0.0 169.4

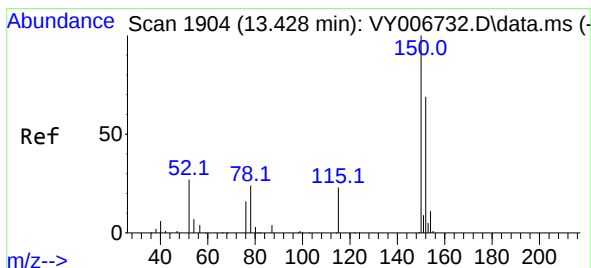
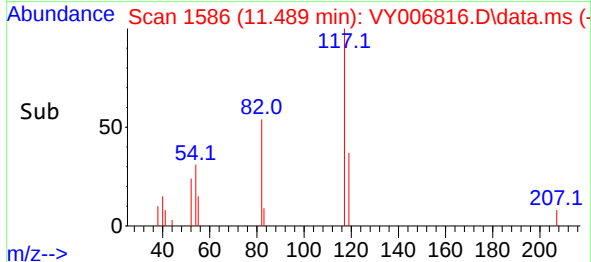
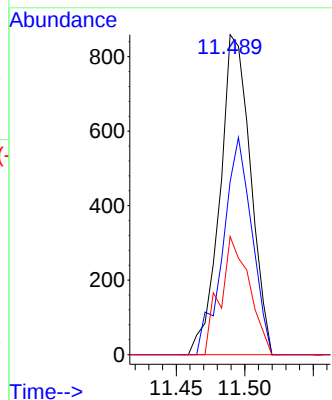
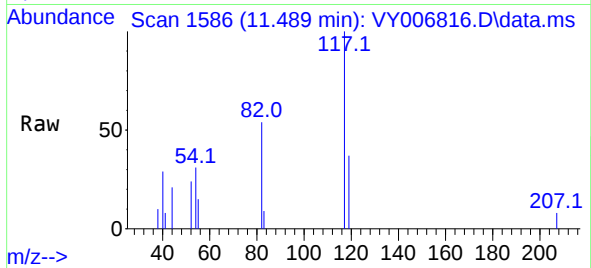




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006816.D
Acq: 18 Nov 2021 18:55

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1-3

Tgt Ion:	117	Resp:	1335
Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.7	68.5
119	36.9	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: VY006816.D
Acq: 18 Nov 2021 18:55

Tgt Ion:	152	Resp:	238
Ion	Ratio	Lower	Upper
152	100		
115	36.6	28.5	85.5
150	127.7	0.0	348.2

