

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006563.D
 Acq On : 01 Nov 2021 19:39
 Operator : SY/MD
 Sample : M4424-08
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T3-EP01-SE

Quant Time: Nov 02 03:31:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	4067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3971	79.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.700%	
35) Dibromofluoromethane	7.716	113	710	18.005	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 36.000%#	
50) Toluene-d8	10.185	98	8834	52.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.700%	
62) 4-Bromofluorobenzene	12.477	95	2904	51.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.140%	

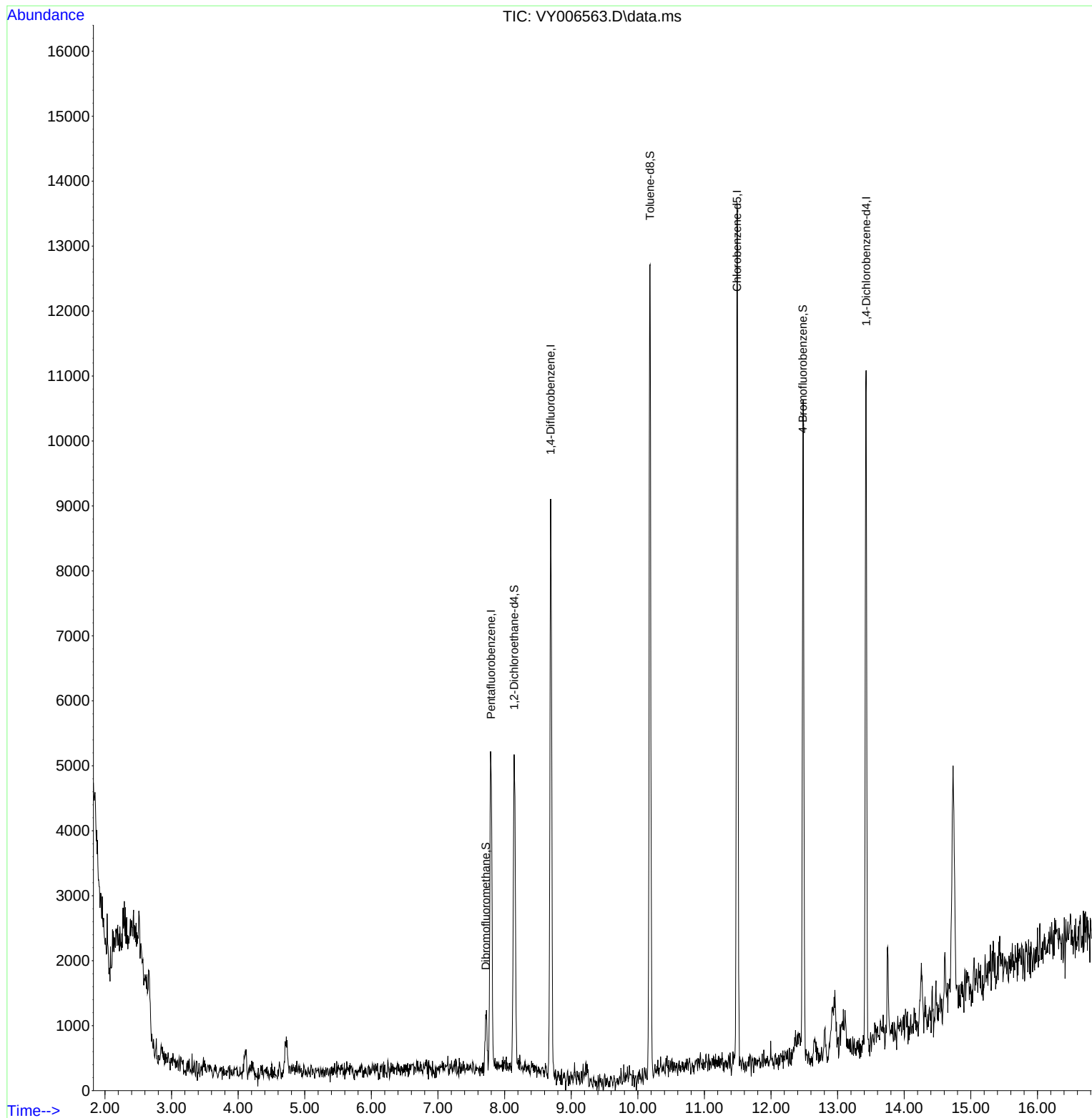
Target Compounds	Qvalue

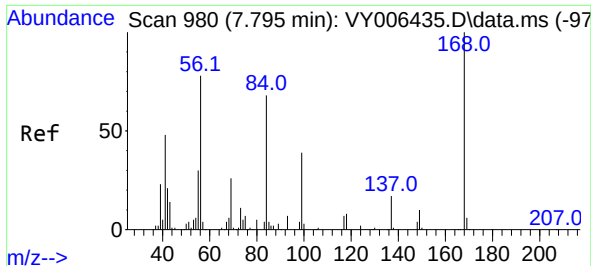
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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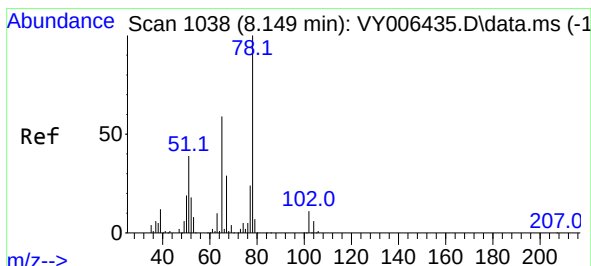
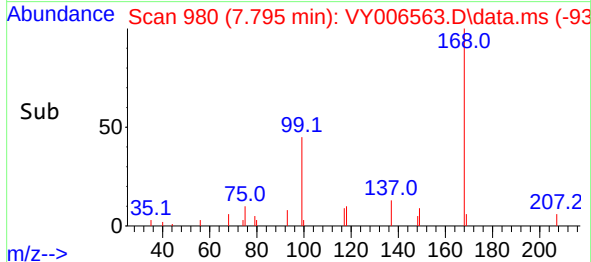
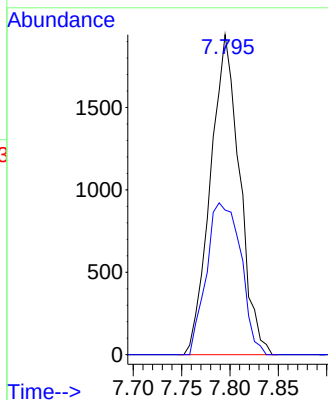
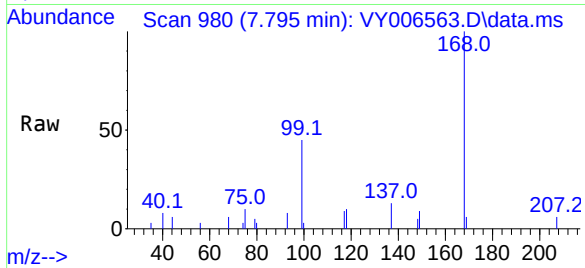




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006563.D
Acq: 01 Nov 2021 19:39

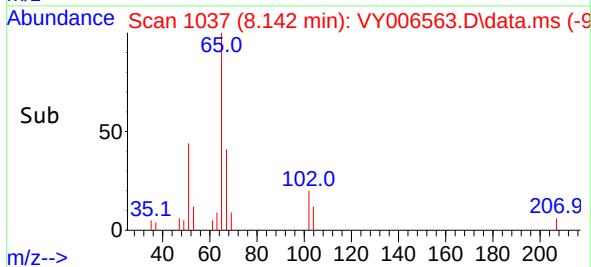
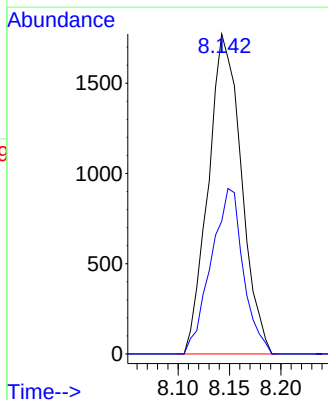
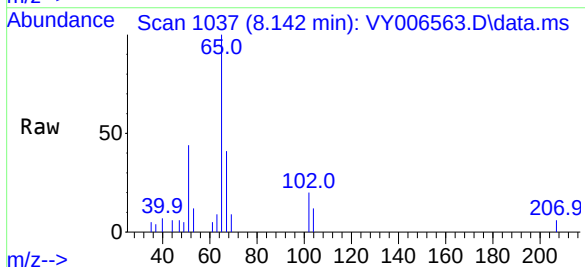
Instrument :
MSVOA_Y
ClientSampleId :
T3-EP01-SE

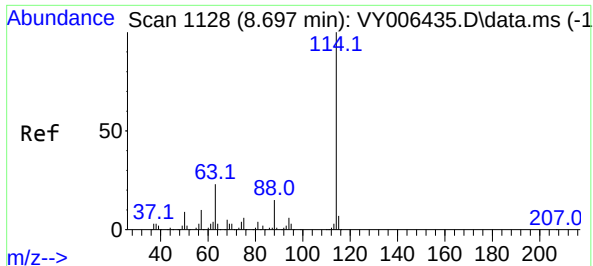
Tgt Ion:168 Resp: 4067
Ion Ratio Lower Upper
168 100
99 45.2 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 79.345 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006563.D
Acq: 01 Nov 2021 19:39

Tgt Ion: 65 Resp: 3971
Ion Ratio Lower Upper
65 100
67 50.3 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006563.D

Acq: 01 Nov 2021 19:39

Instrument :

MSVOA_Y

ClientSampleId :

T3-EP01-SE

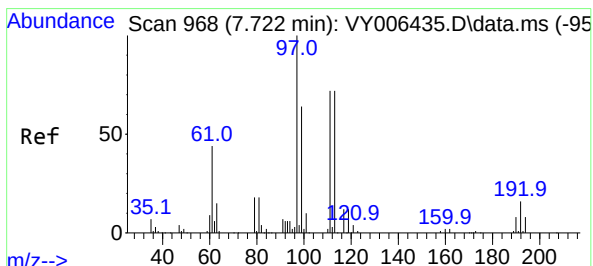
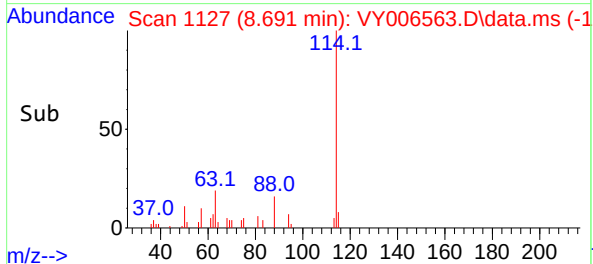
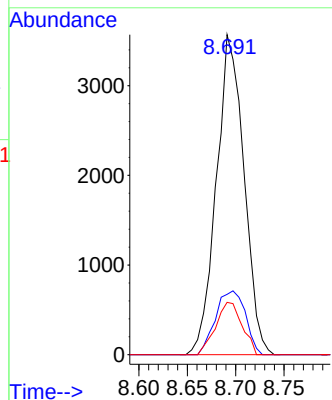
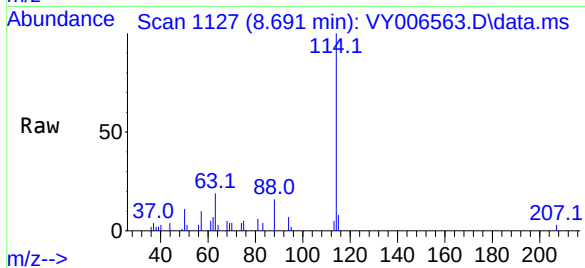
Tgt Ion:114 Resp: 7075

Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 18.005 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY006563.D

Acq: 01 Nov 2021 19:39

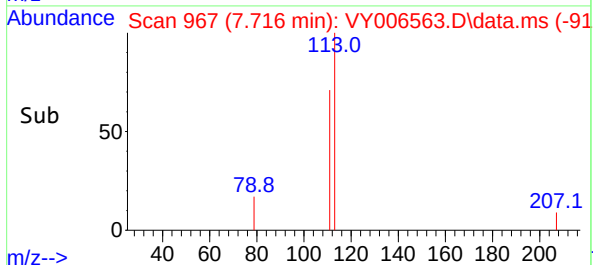
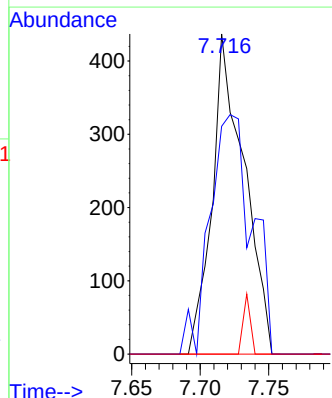
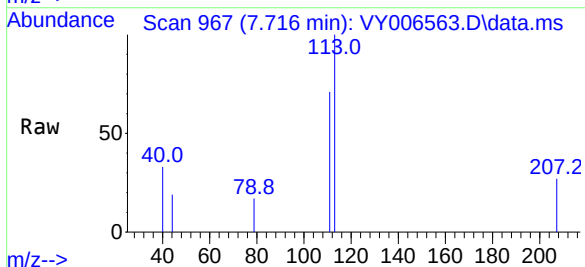
Tgt Ion:113 Resp: 710

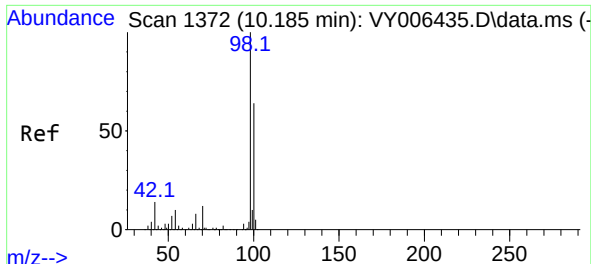
Ion Ratio Lower Upper

113 100

111 98.0 82.3 123.5

192 4.2 17.4 26.2#

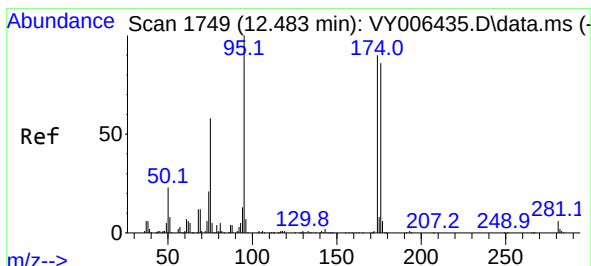
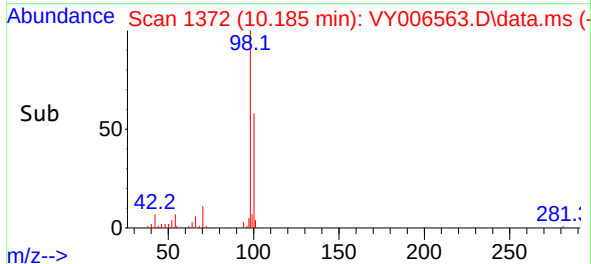
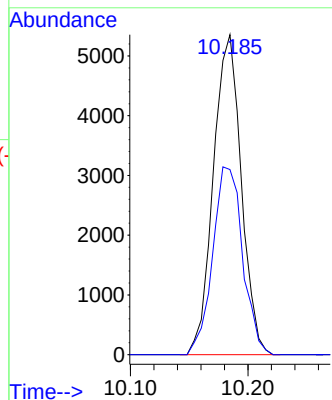
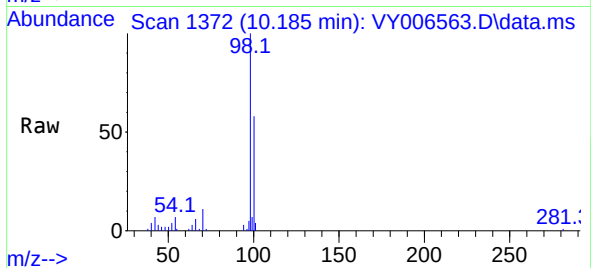




#50
Toluene-d8
Concen: 52.845 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006563.D
Acq: 01 Nov 2021 19:39

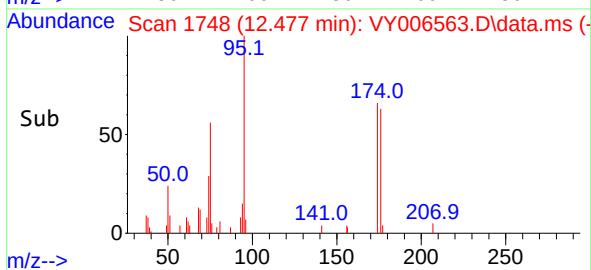
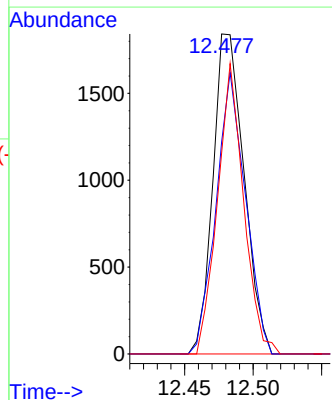
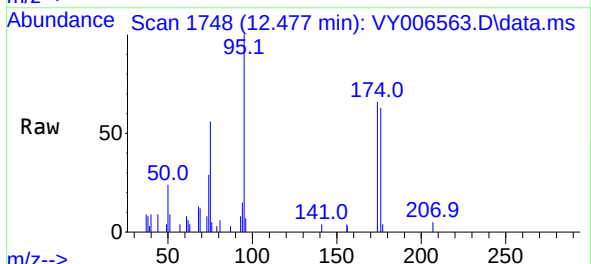
Instrument :
MSVOA_Y
ClientSampleId :
T3-EP01-SE

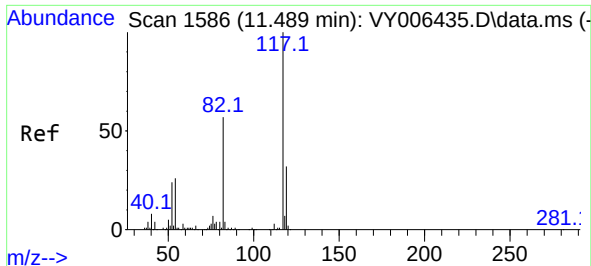
Tgt Ion: 98 Resp: 8834
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.570 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY006563.D
Acq: 01 Nov 2021 19:39

Tgt Ion: 95 Resp: 2904
Ion Ratio Lower Upper
95 100
174 83.2 0.0 177.0
176 76.3 0.0 169.4

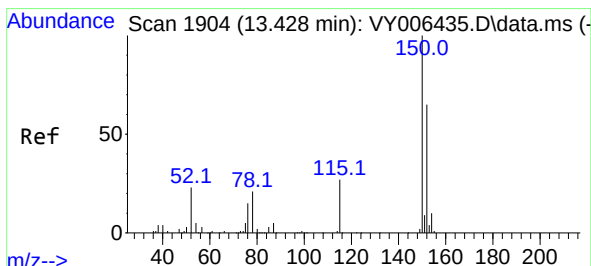
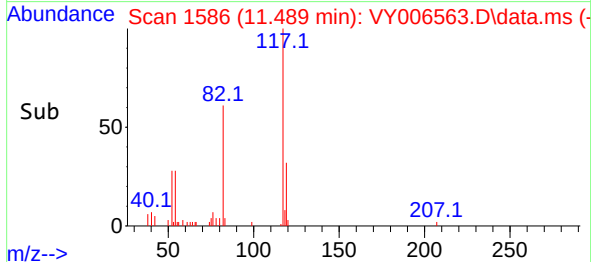
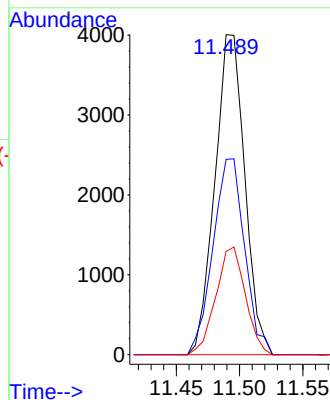
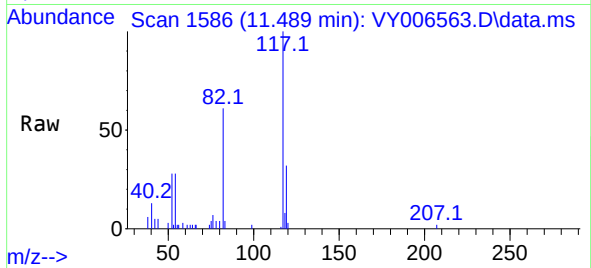




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006563.D
Acq: 01 Nov 2021 19:39

Instrument :
MSVOA_Y
ClientSampleId :
T3-EP01-SE

Tgt Ion:117	Resp:	6598
Ion	Ratio	Lower Upper
117	100	
82	61.1	45.7 68.5
119	32.3	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: VY006563.D
Acq: 01 Nov 2021 19:39

Tgt Ion:152	Resp:	2670
Ion	Ratio	Lower Upper
152	100	
115	57.6	28.5 85.5
150	157.0	0.0 348.2

