

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006555.D
 Acq On : 01 Nov 2021 16:30
 Operator : SY/MD
 Sample : M4424-04
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T2-EP04-S

Quant Time: Nov 02 03:30:27 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	7.801	168	5800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	8960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4608	64.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.120%	
35) Dibromofluoromethane	7.722	113	904	18.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 36.200%#	
50) Toluene-d8	10.179	98	11093	52.398	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.800%	
62) 4-Bromofluorobenzene	12.483	95	3470	48.657	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.320%	

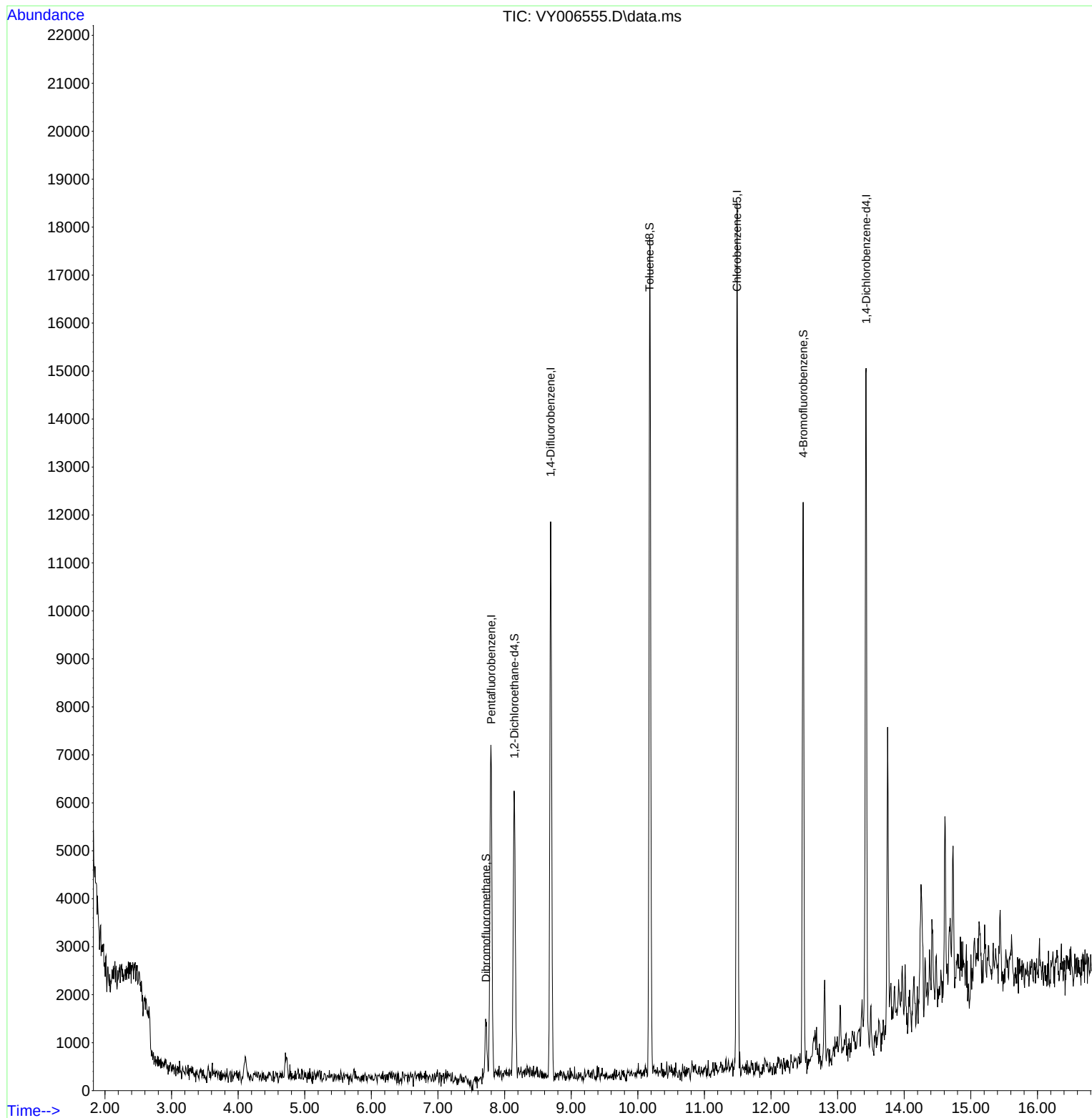
Target Compounds	Qvalue

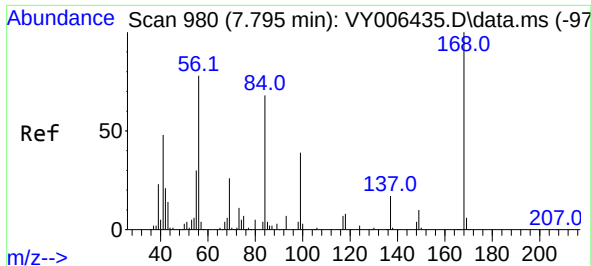
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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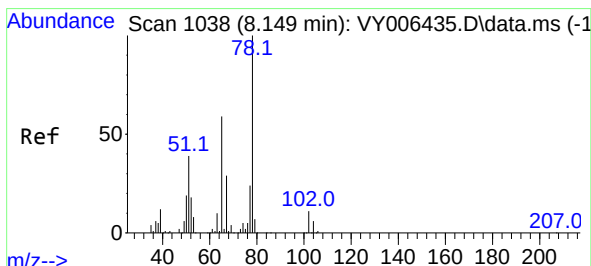
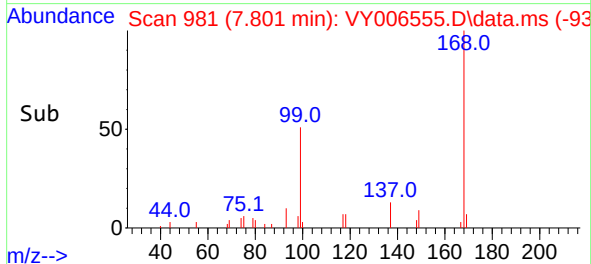
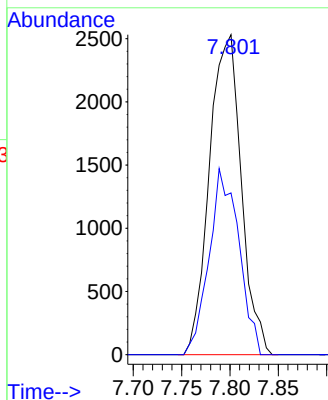
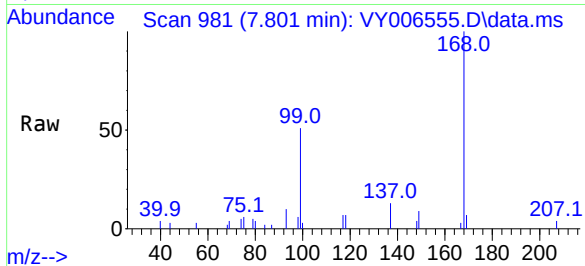




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006555.D
Acq: 01 Nov 2021 16:30

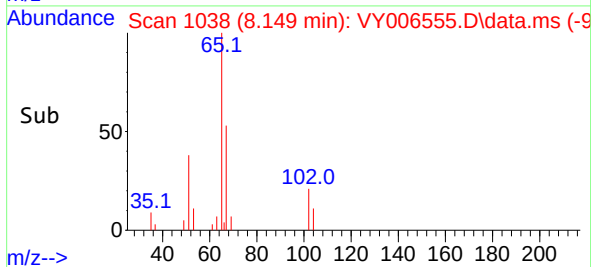
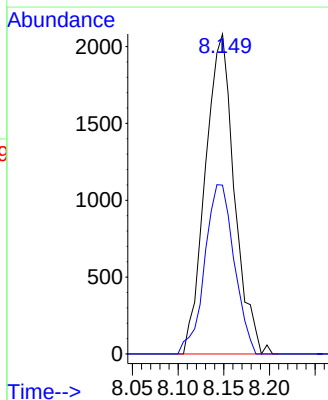
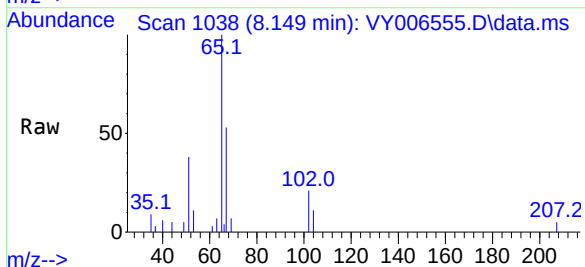
Instrument :
MSVOA_Y
ClientSampleId :
T2-EP04-S

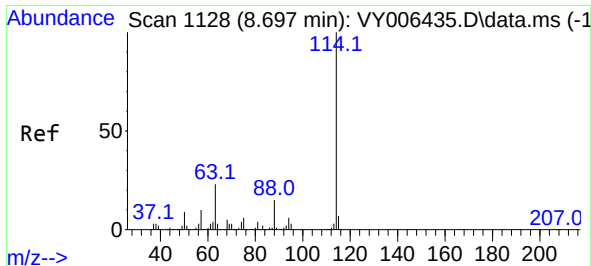
Tgt Ion:168 Resp: 5800
Ion Ratio Lower Upper
168 100
99 50.6 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 64.562 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006555.D
Acq: 01 Nov 2021 16:30

Tgt Ion: 65 Resp: 4608
Ion Ratio Lower Upper
65 100
67 53.5 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: VY006555.D

Acq: 01 Nov 2021 16:30

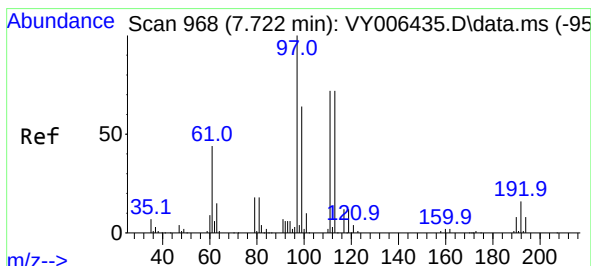
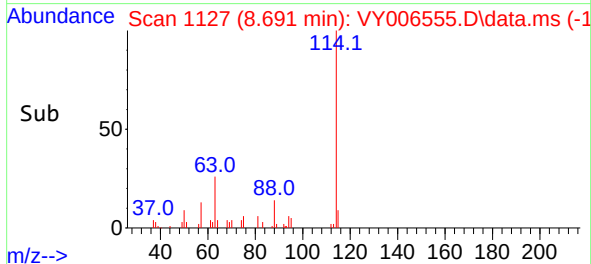
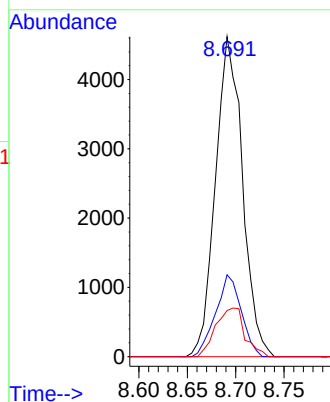
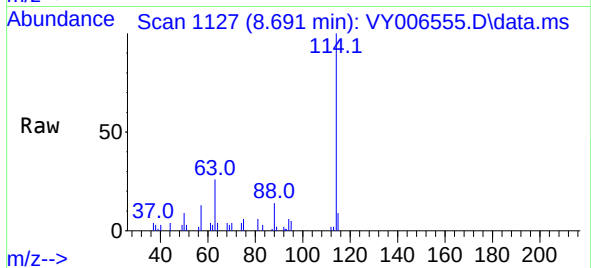
Instrument :

MSVOA_Y

ClientSampleId :

T2-EP04-S

Tgt Ion:114	Resp:	8960
Ion	Ratio	Lower Upper
114	100	
63	25.6	0.0 45.0
88	14.4	0.0 30.6



#35

Dibromofluoromethane

Concen: 18.102 ug/l

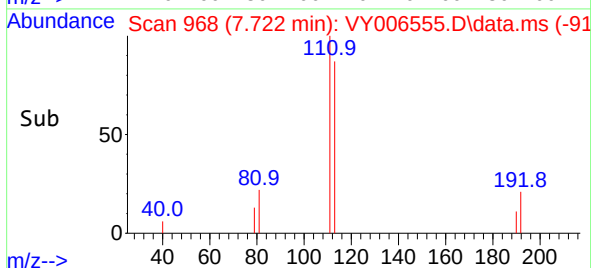
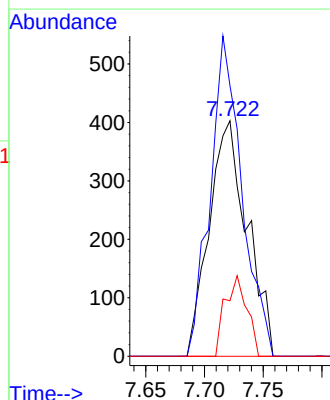
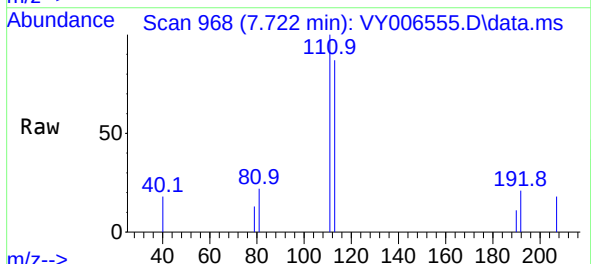
RT: 7.722 min Scan# 968

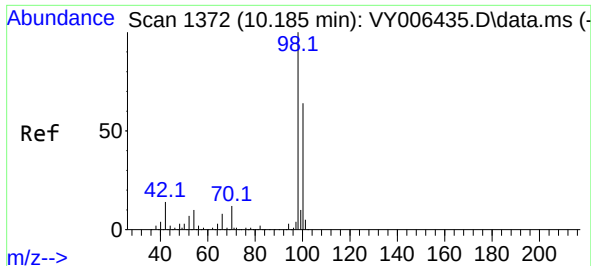
Delta R.T. -0.000 min

Lab File: VY006555.D

Acq: 01 Nov 2021 16:30

Tgt Ion:113	Resp:	904
Ion	Ratio	Lower Upper
113	100	
111	113.9	82.3 123.5
192	19.7	17.4 26.2

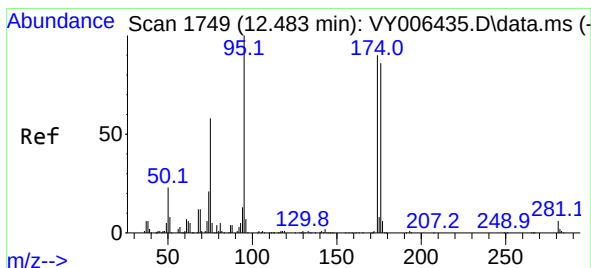
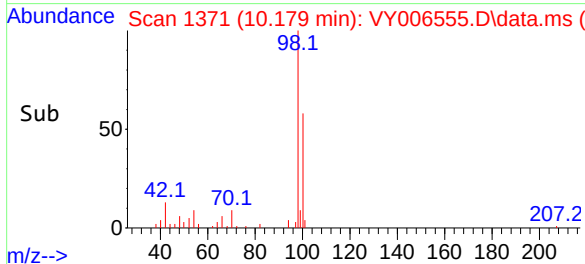
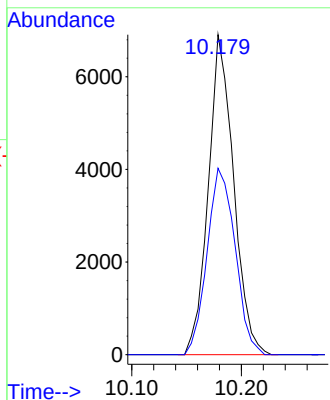
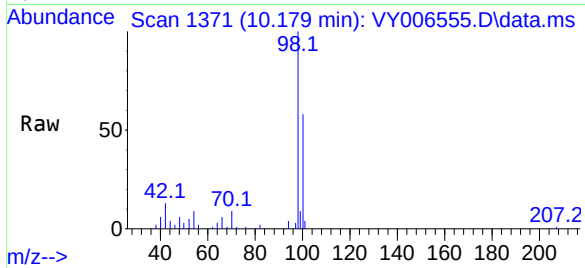




#50
Toluene-d8
Concen: 52.398 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006555.D
Acq: 01 Nov 2021 16:30

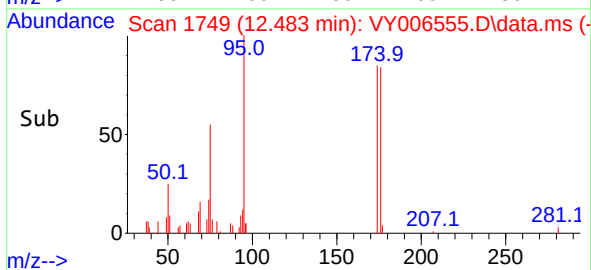
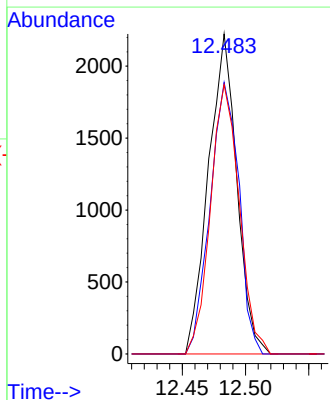
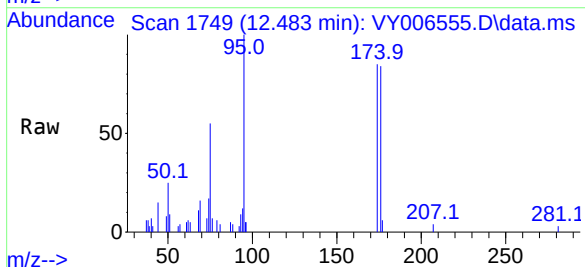
Instrument :
MSVOA_Y
ClientSampleId :
T2-EP04-S

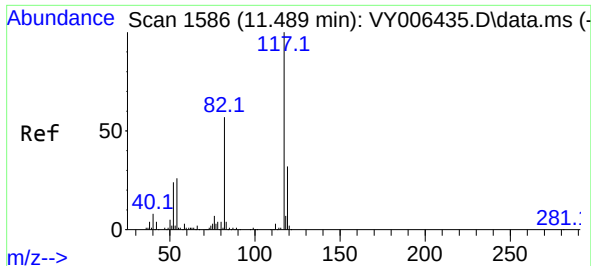
Tgt Ion: 98 Resp: 11093
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.657 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006555.D
Acq: 01 Nov 2021 16:30

Tgt Ion: 95 Resp: 3470
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 85.2 0.0 169.4

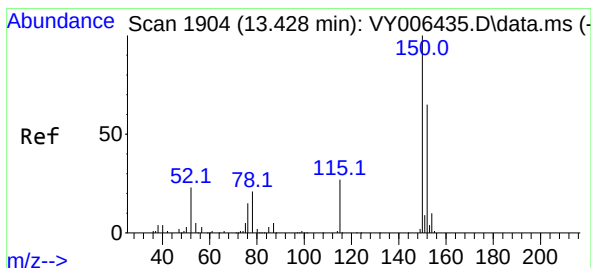
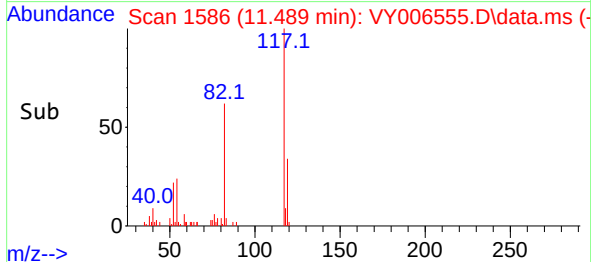
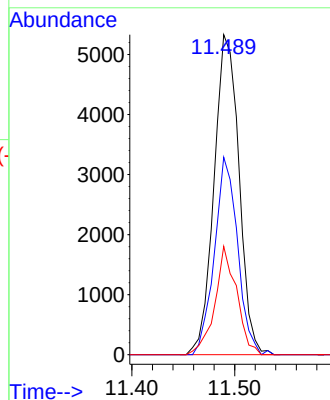
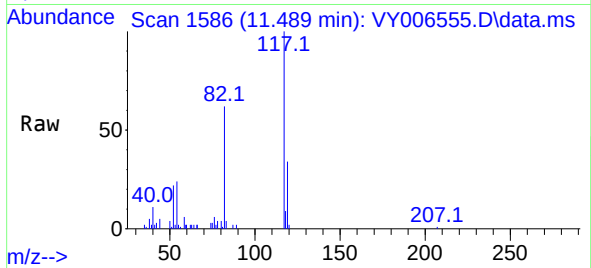




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY006555.D
Acq: 01 Nov 2021 16:30

Instrument :
MSVOA_Y
ClientSampleId :
T2-EP04-S

Tgt Ion:	117	Resp:	8984
Ion	Ratio	Lower	Upper
117	100		
82	61.7	45.7	68.5
119	33.9	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: VY006555.D
Acq: 01 Nov 2021 16:30

Tgt Ion:	152	Resp:	3035
Ion	Ratio	Lower	Upper
152	100		
115	65.0	28.5	85.5
150	170.5	0.0	348.2

