

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008316.D
 Acq On : 13 Apr 2022 16:37
 Operator : KP/MD
 Sample : N2381-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26572

Quant Time: Apr 14 05:57:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	51836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	84421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	66846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24247	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	20865	42.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.700%
35) Dibromofluoromethane	7.716	113	23625	48.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.900%
50) Toluene-d8	10.179	98	96962	58.114	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.220%
62) 4-Bromofluorobenzene	12.483	95	25369	40.425	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.860%

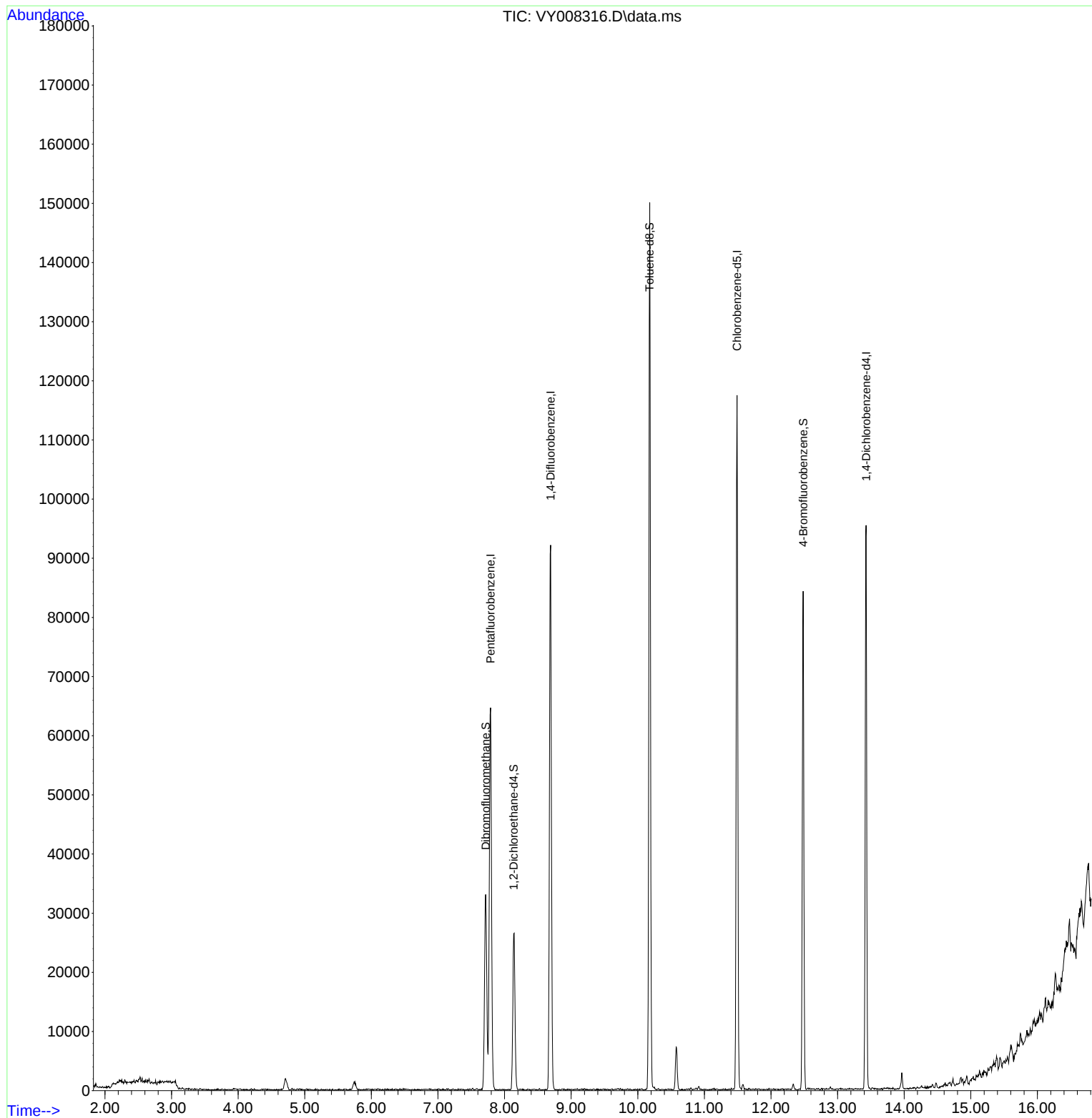
Target Compounds	Qvalue

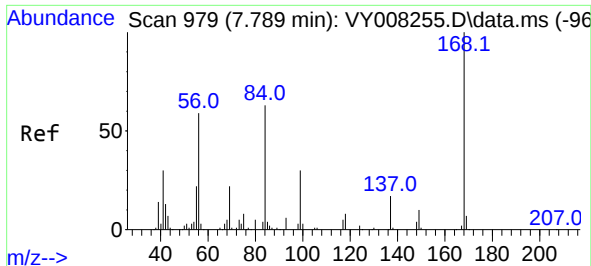
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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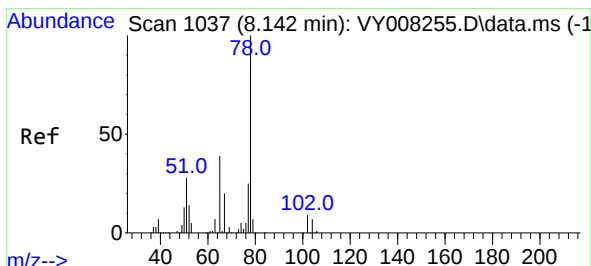
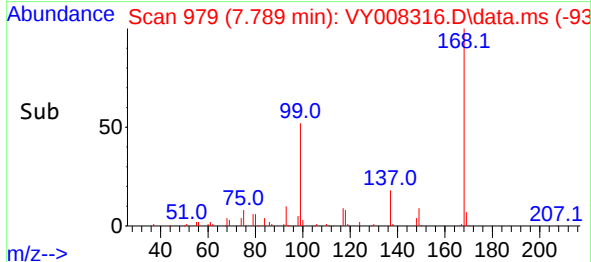
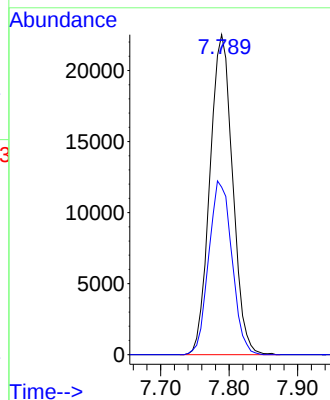
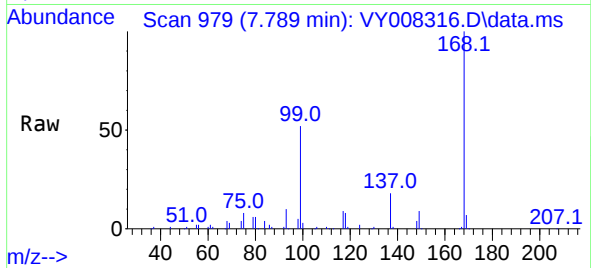




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

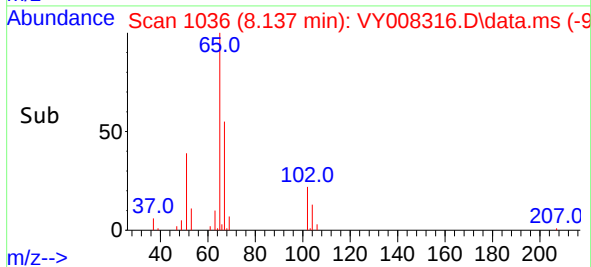
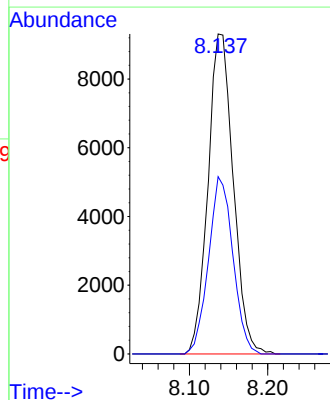
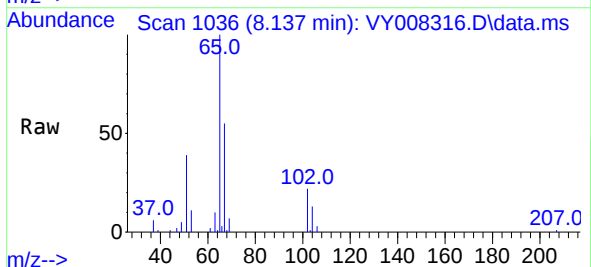
Instrument :
MSVOA_Y
ClientSampleId :
26572

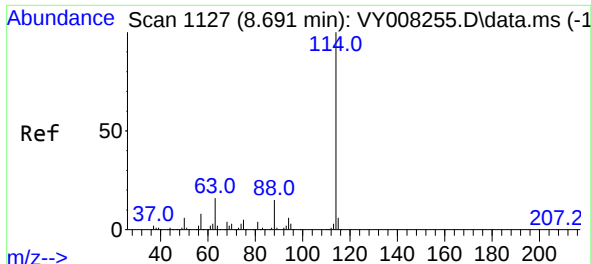
Tgt Ion:168 Resp: 51836
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 42.852 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

Tgt Ion: 65 Resp: 20865
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008316.D

Acq: 13 Apr 2022 16:37

Instrument :

MSVOA_Y

ClientSampleId :

26572

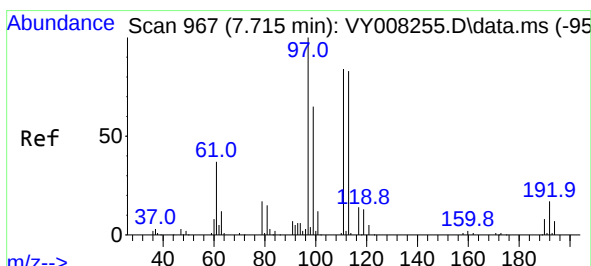
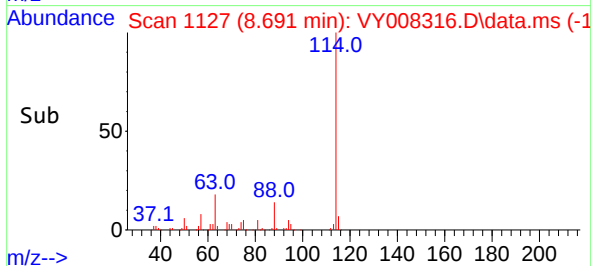
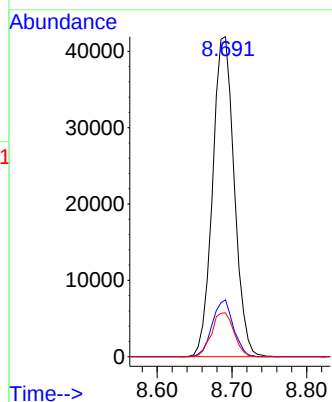
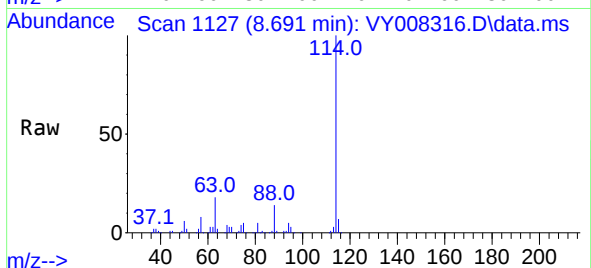
Tgt Ion:114 Resp: 84421

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.451 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008316.D

Acq: 13 Apr 2022 16:37

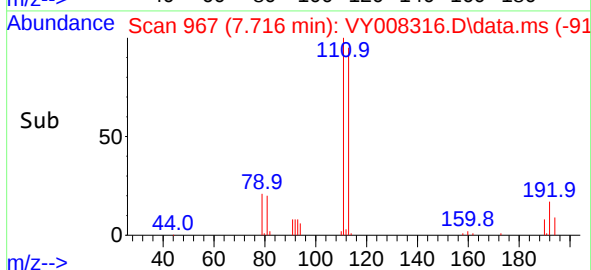
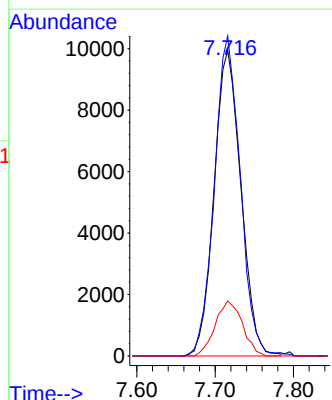
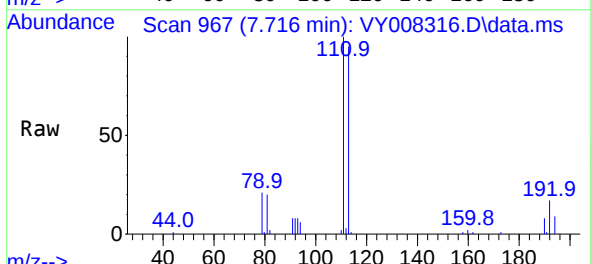
Tgt Ion:113 Resp: 23625

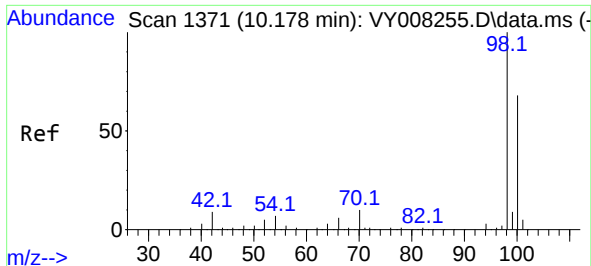
Ion Ratio Lower Upper

113 100

111 101.4 82.6 124.0

192 18.3 17.6 26.4

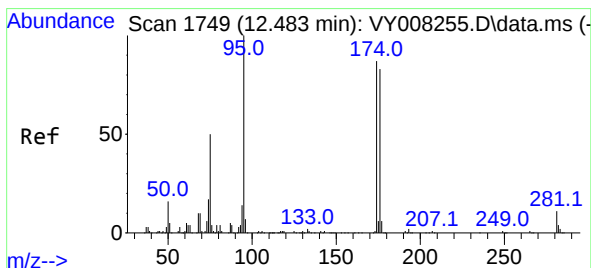
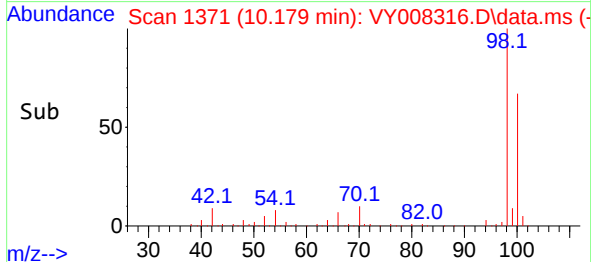
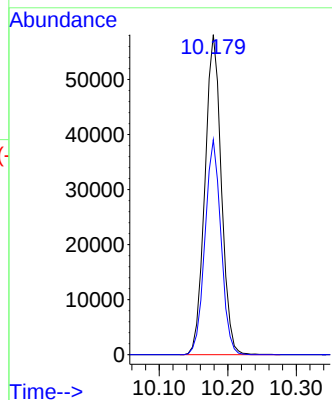
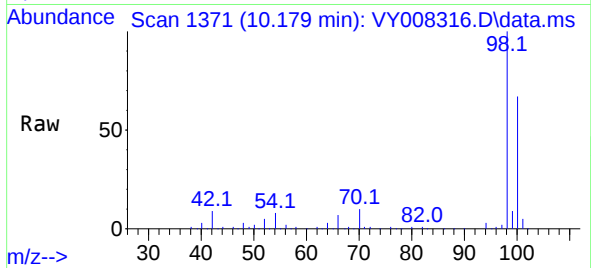




#50
Toluene-d8
Concen: 58.114 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

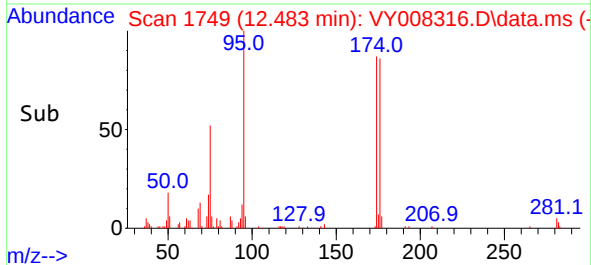
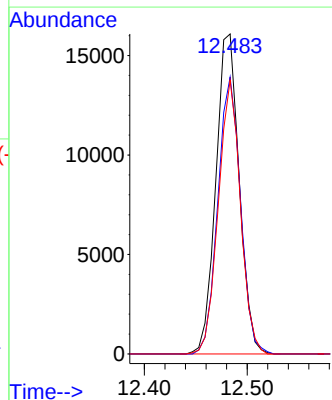
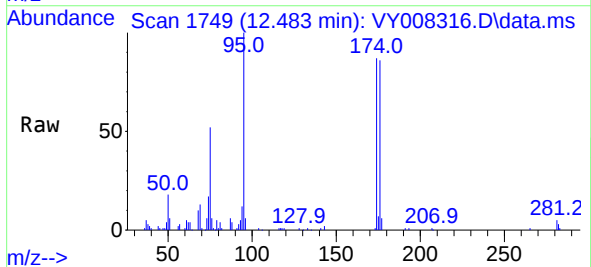
Instrument :
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ClientSampleId :
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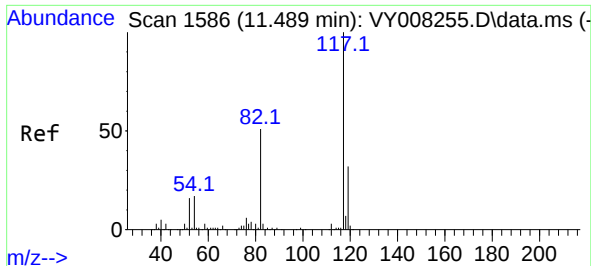
Tgt Ion: 98 Resp: 96962
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

Tgt Ion: 95 Resp: 25369
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 80.9 0.0 175.8

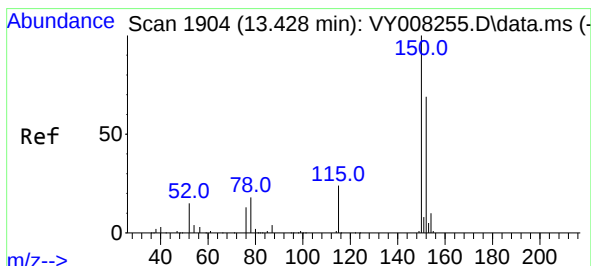
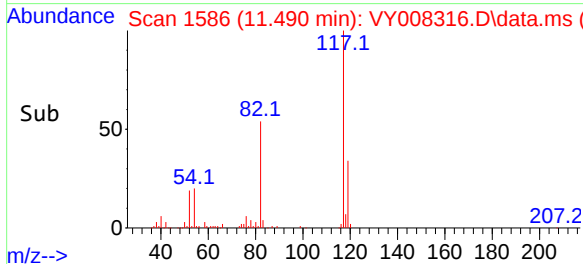
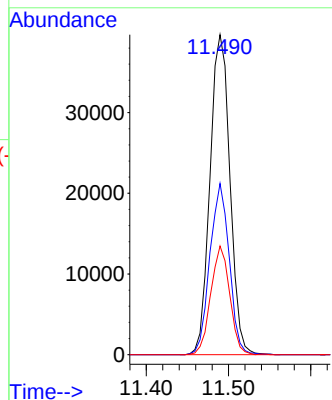
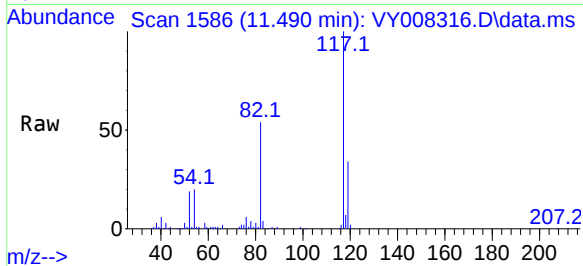




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

Instrument :
MSVOA_Y
ClientSampleId :
26572

Tgt Ion:	117	Resp:	66846
Ion Ratio	Lower	Upper	
117	100		
82	53.5	43.0	64.4
119	34.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008316.D
Acq: 13 Apr 2022 16:37

Tgt Ion:	152	Resp:	24247
Ion Ratio	Lower	Upper	
152	100		
115	57.8	28.2	84.7
150	162.3	0.0	347.6

