

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008299.D
 Acq On : 12 Apr 2022 19:40
 Operator : KP/MD
 Sample : N2376-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-041222

Quant Time: Apr 13 08:18:11 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	36090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	61791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	53968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22447	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	18670	55.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.140%
35) Dibromofluoromethane	7.716	113	19046	53.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.740%
50) Toluene-d8	10.179	98	71813	58.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.600%
62) 4-Bromofluorobenzene	12.483	95	21582	46.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.980%

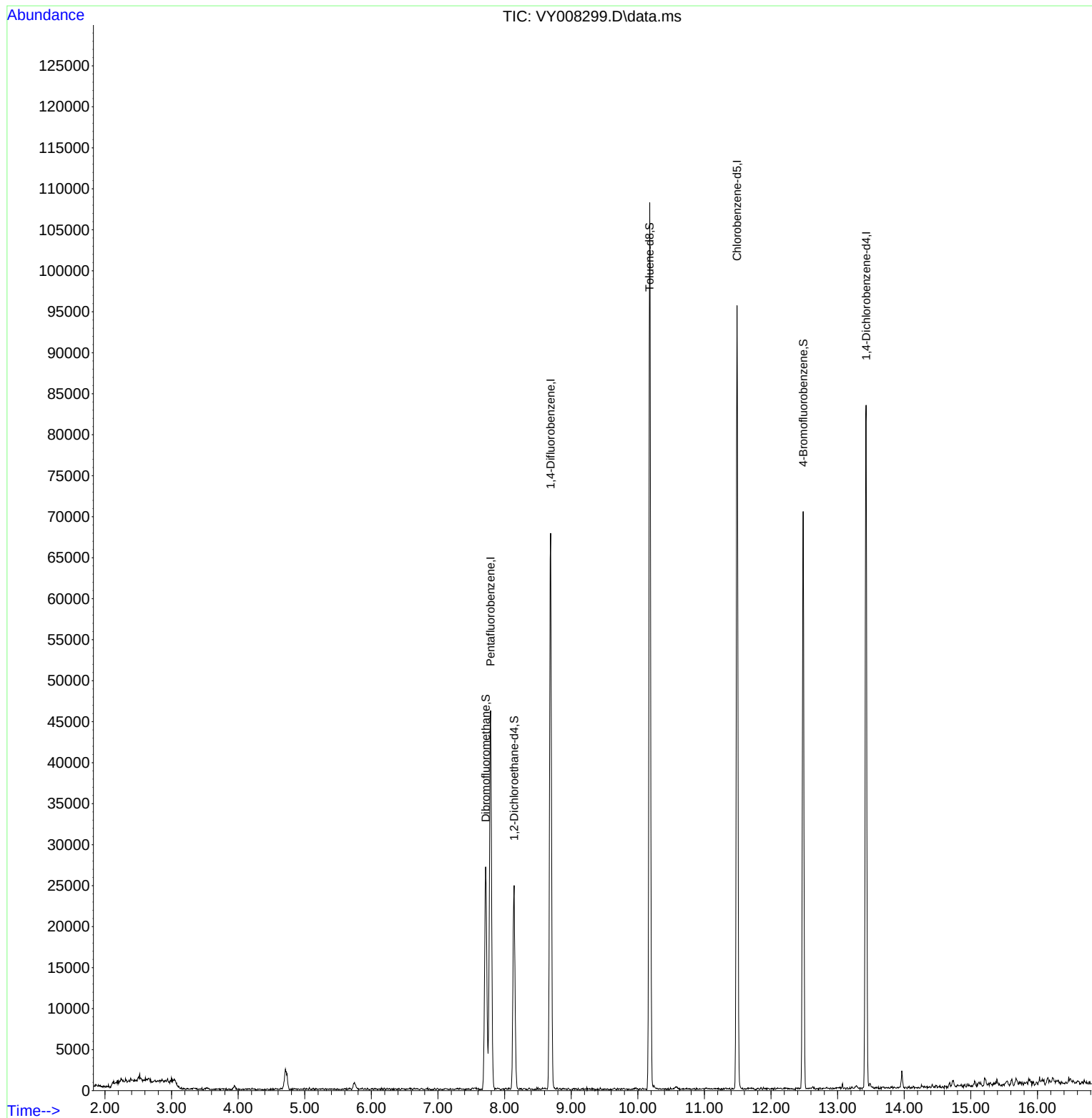
Target Compounds	Qvalue

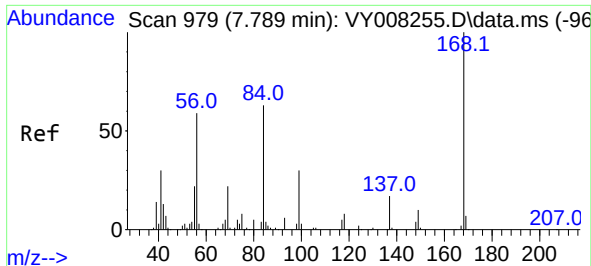
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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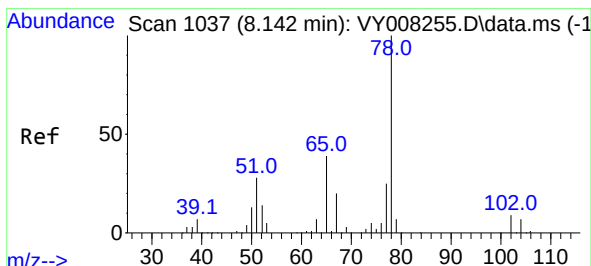
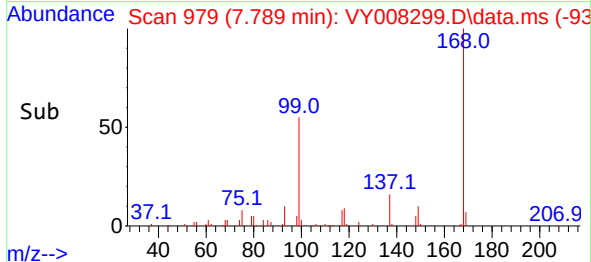
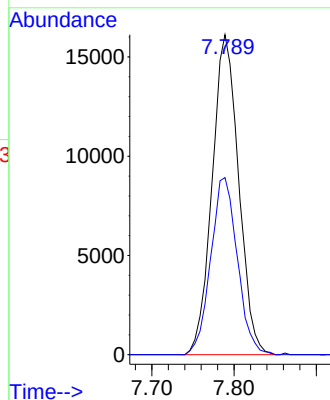
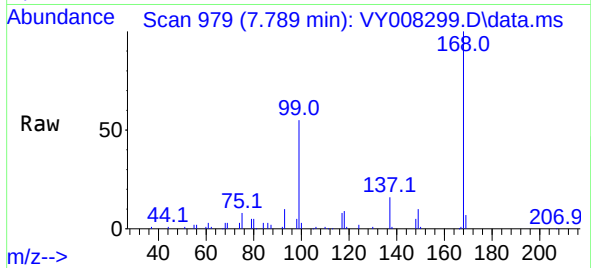




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

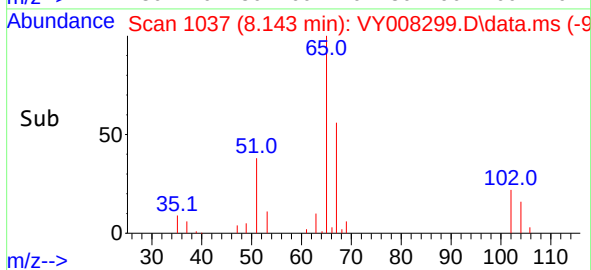
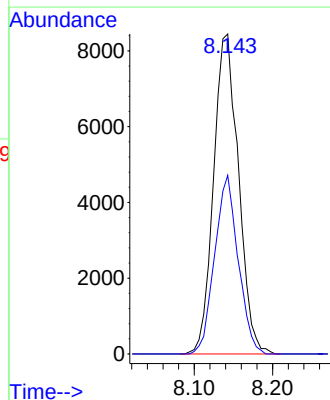
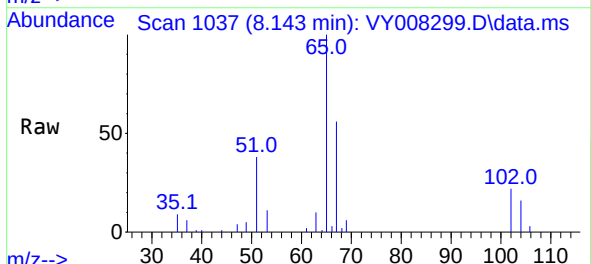
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

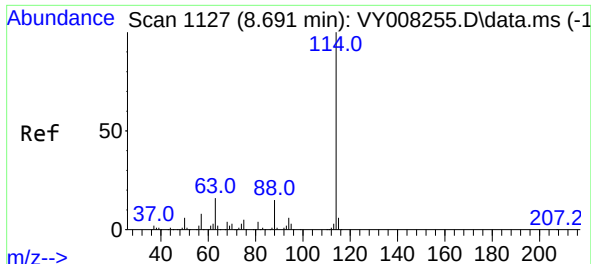
Tgt Ion:168 Resp: 36090
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.073 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

Tgt Ion: 65 Resp: 18670
Ion Ratio Lower Upper
65 100
67 52.6 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: VY008299.D

Acq: 12 Apr 2022 19:40

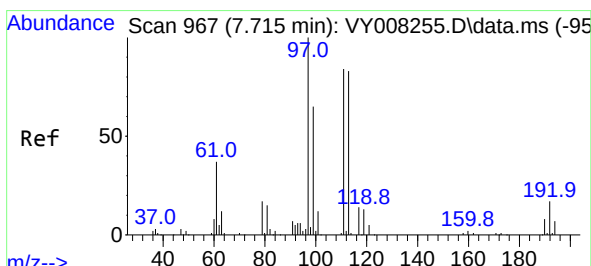
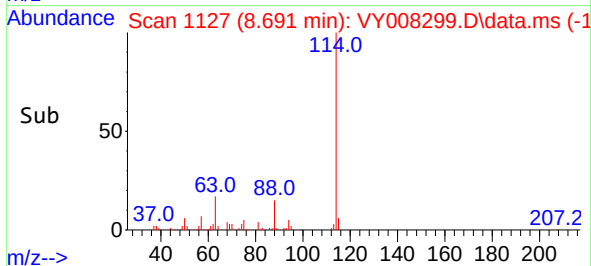
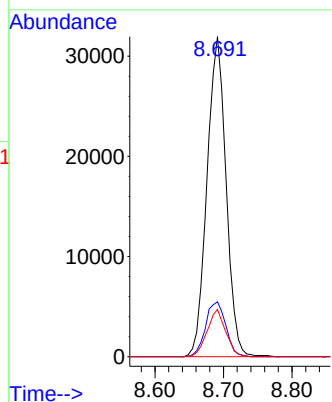
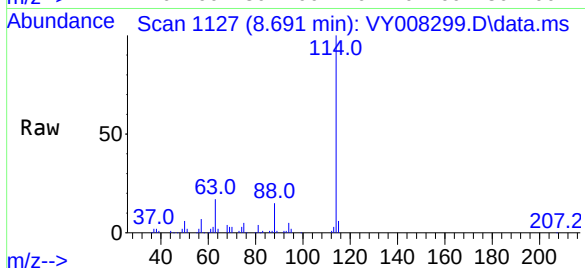
Instrument :

MSVOA_Y

ClientSampleId :

NB-07-041222

Tgt Ion:	114	Resp:	61791
Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	43.2
88	14.8	0.0	31.8



#35

Dibromofluoromethane

Concen: 53.366 ug/l

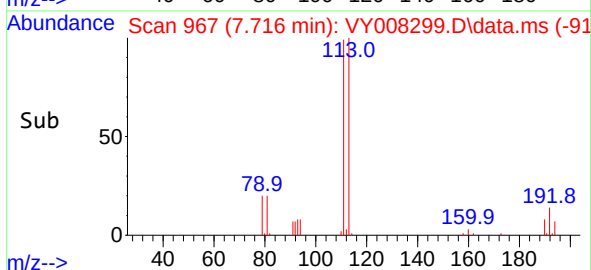
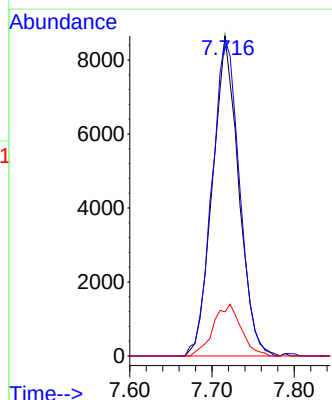
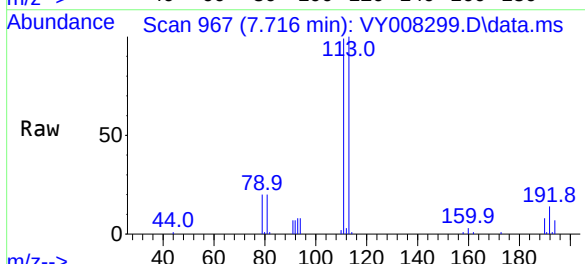
RT: 7.716 min Scan# 967

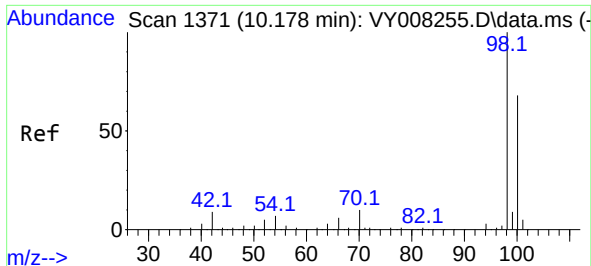
Delta R.T. 0.001 min

Lab File: VY008299.D

Acq: 12 Apr 2022 19:40

Tgt Ion:	113	Resp:	19046
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	124.0
192	17.3	17.6	26.4

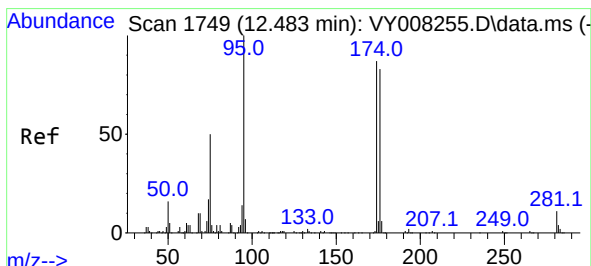
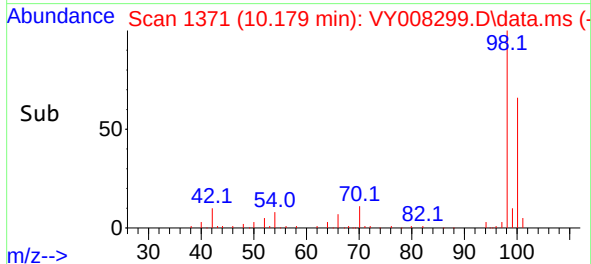
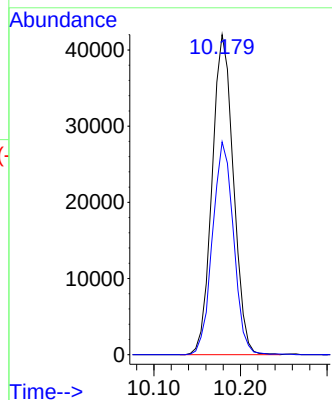
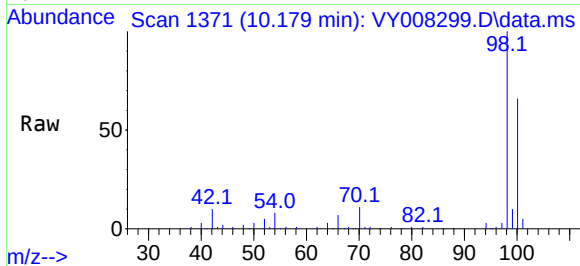




#50
Toluene-d8
Concen: 58.804 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

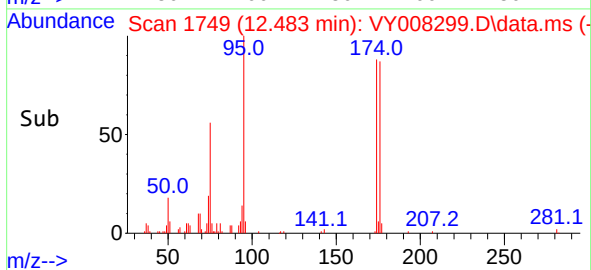
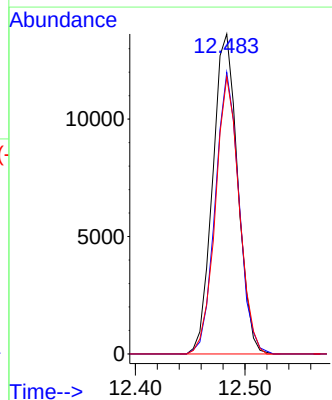
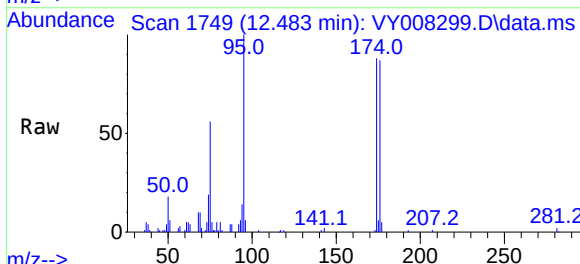
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

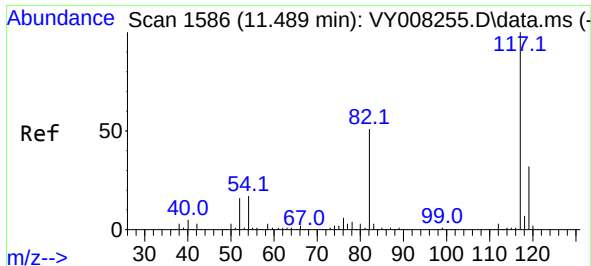
Tgt Ion: 98 Resp: 71813
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.986 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

Tgt Ion: 95 Resp: 21582
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 82.4 0.0 175.8

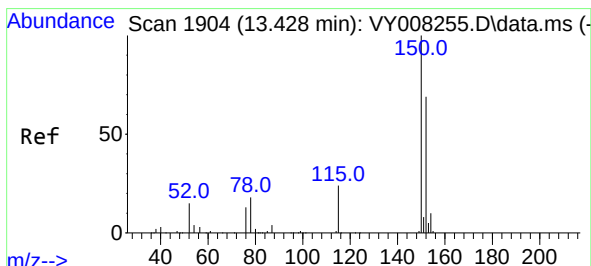
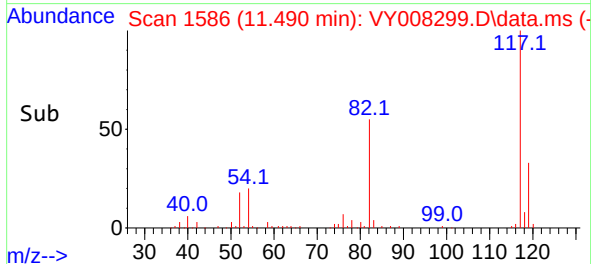
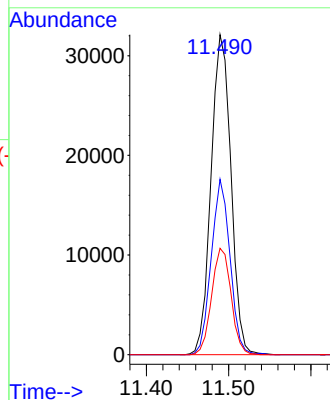
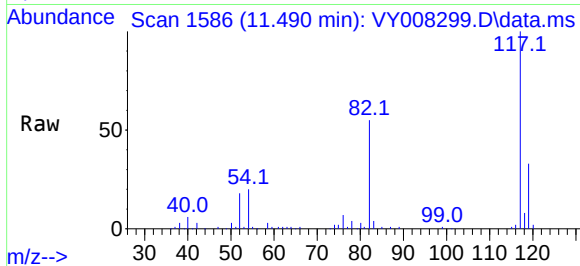




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008299.D
Acq: 12 Apr 2022 19:40

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041222

Tgt Ion:117 Resp: 53968
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 33.3 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: VY008299.D
Acq: 12 Apr 2022 19:40

Tgt Ion:152 Resp: 22447
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 157.7 0.0 347.6

