

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008871.D
 Acq On : 19 May 2022 16:34
 Operator : KP/MD
 Sample : N2841-01
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P002-SS003-0006-01

Quant Time: May 20 02:52:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	130286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	235349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	232375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	88049	72.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.700%
35) Dibromofluoromethane	7.716	113	76648	55.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.480%
50) Toluene-d8	10.179	98	302034	49.452	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.900%
62) 4-Bromofluorobenzene	12.483	95	88195	41.100	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.200%

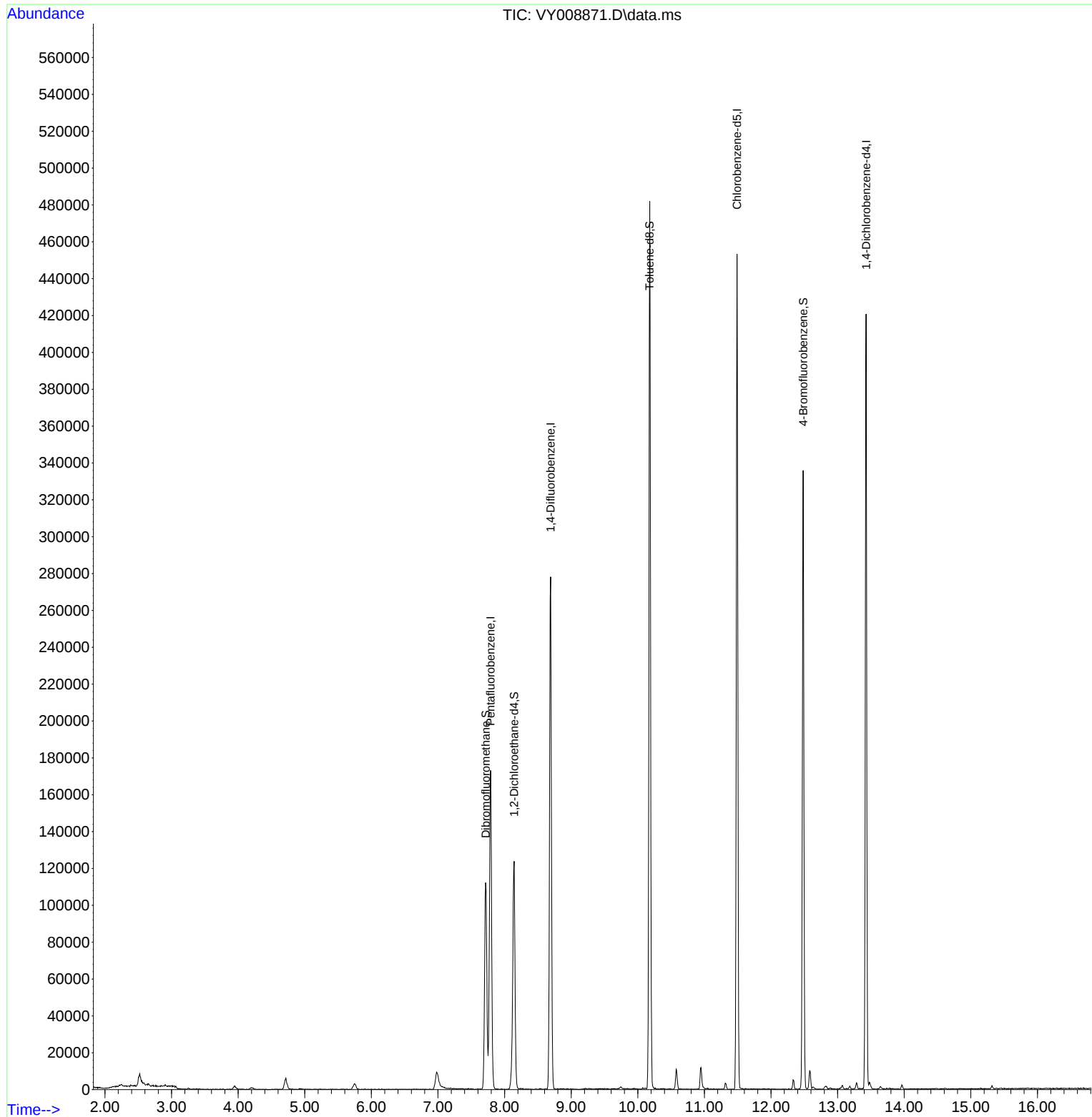
Target Compounds	Qvalue

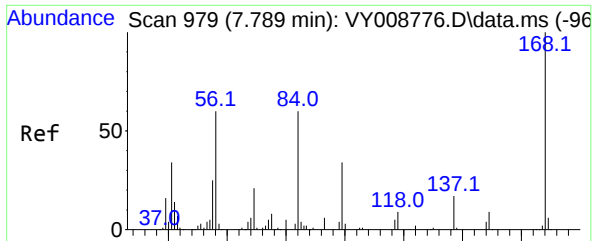
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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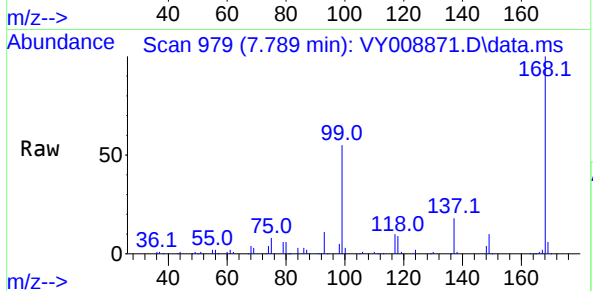
Quant Time: May 20 02:52:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
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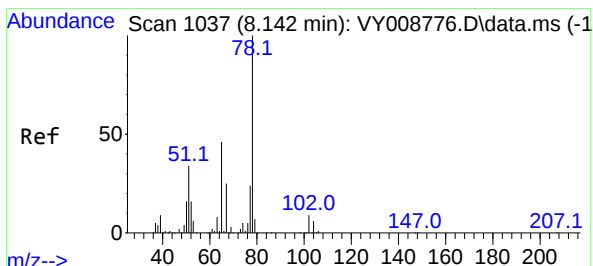
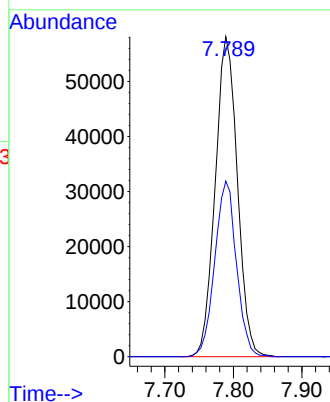
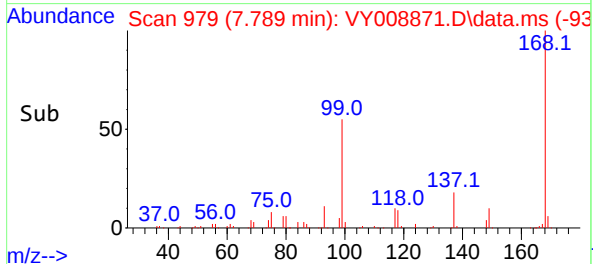


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008871.D
Acq: 19 May 2022 16:34

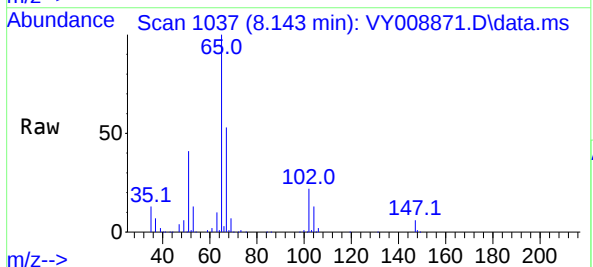
Instrument :
MSVOA_Y
ClientSampleId :
P002-SS003-0006-01



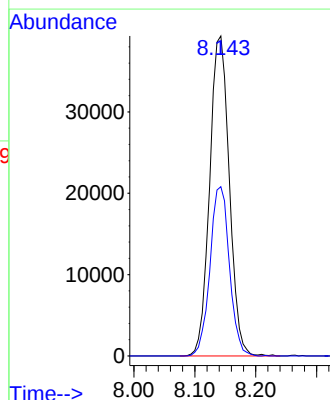
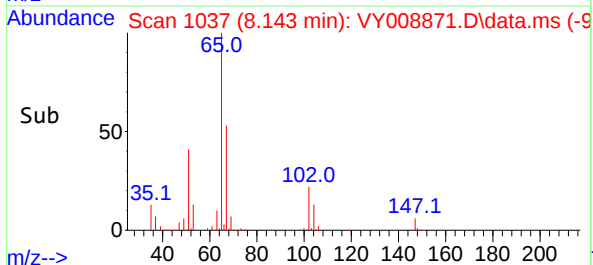
Tgt Ion:168 Resp: 130286
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3

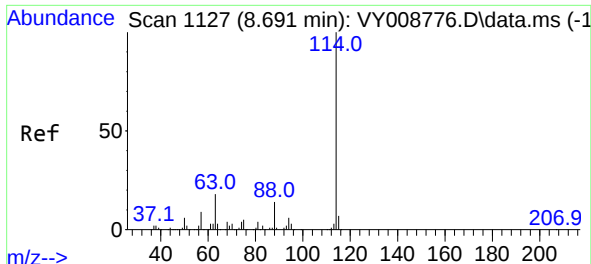


#33
1,2-Dichloroethane-d4
Concen: 72.848 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008871.D
Acq: 19 May 2022 16:34



Tgt Ion: 65 Resp: 88049
Ion Ratio Lower Upper
65 100
67 52.3 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: VY008871.D

Acq: 19 May 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

P002-SS003-0006-01

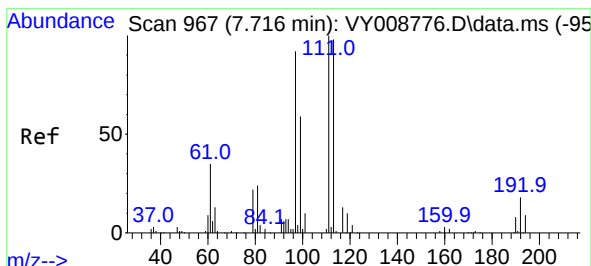
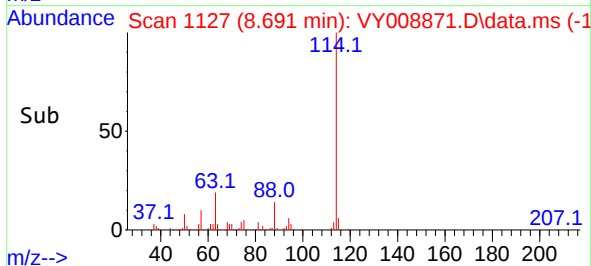
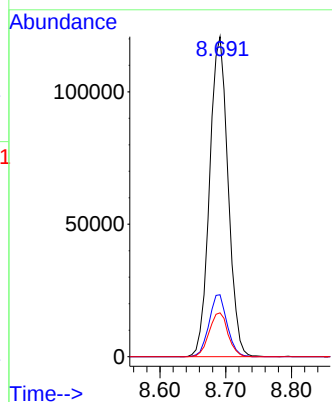
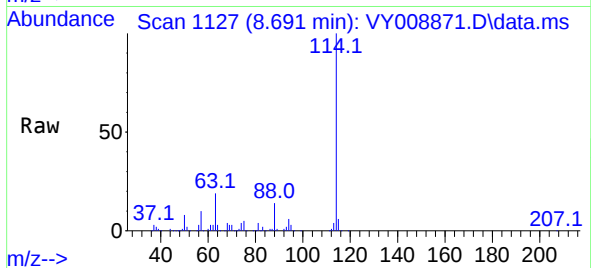
Tgt Ion:114 Resp: 235349

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.740 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008871.D

Acq: 19 May 2022 16:34

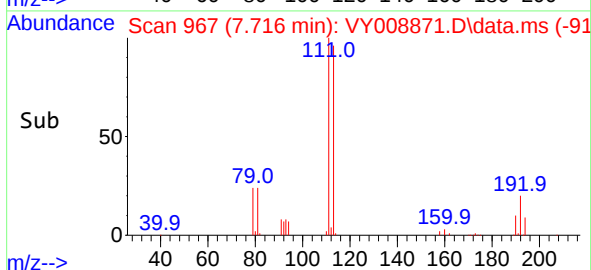
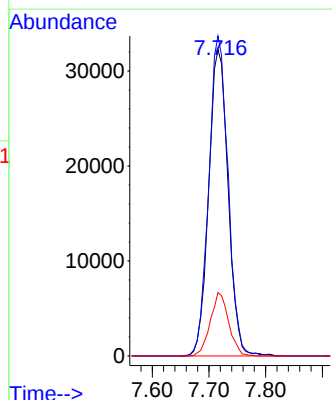
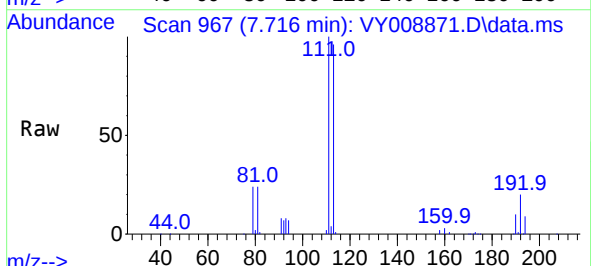
Tgt Ion:113 Resp: 76648

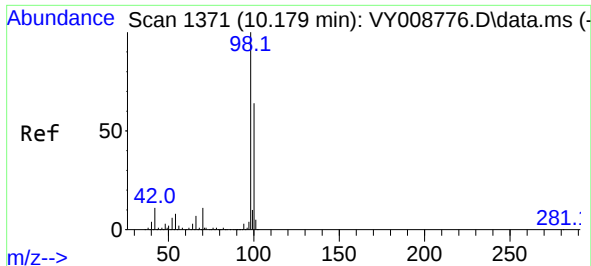
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 19.6 17.6 26.4

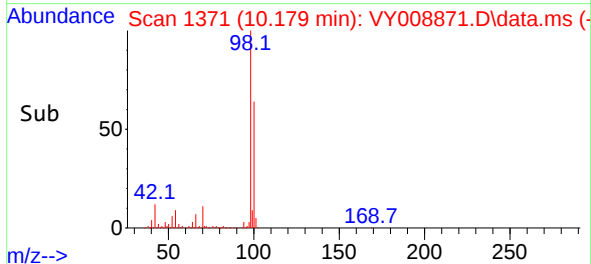
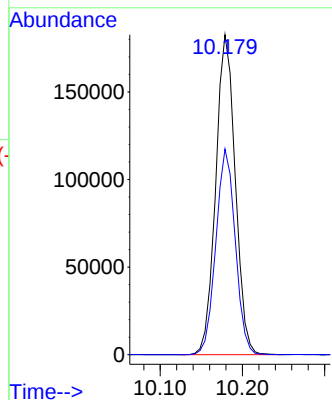
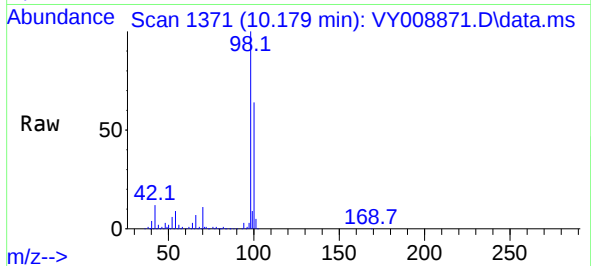




#50
Toluene-d8
Concen: 49.452 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008871.D
Acq: 19 May 2022 16:34

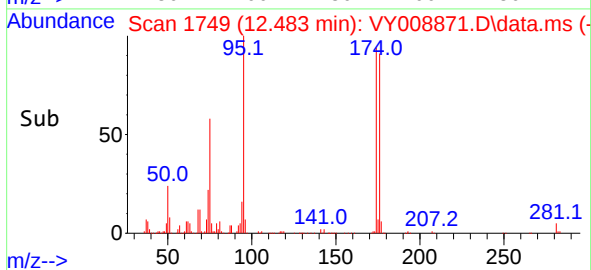
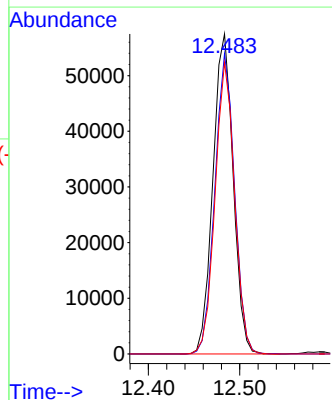
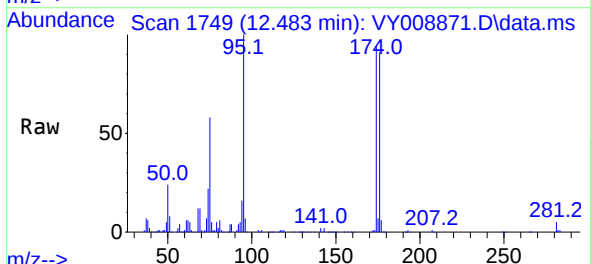
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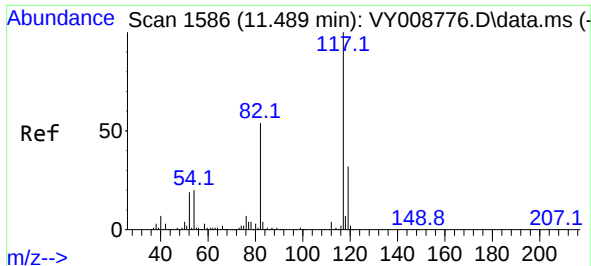
Tgt Ion: 98 Resp: 302034
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.100 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008871.D
Acq: 19 May 2022 16:34

Tgt Ion: 95 Resp: 88195
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 88.0 0.0 175.8

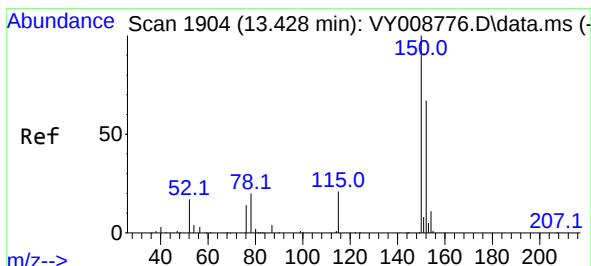
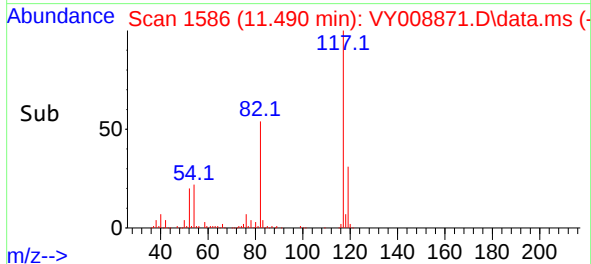
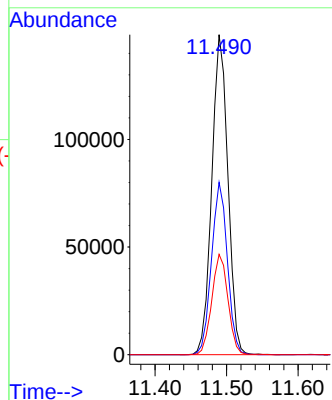
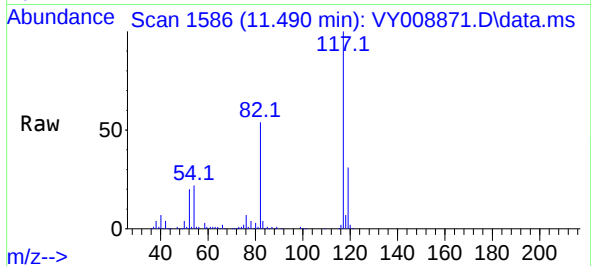




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008871.D
Acq: 19 May 2022 16:34

Instrument :
MSVOA_Y
ClientSampleId :
P002-SS003-0006-01

Tgt Ion:	117	Resp:	232375
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.0	64.4
119	31.4	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: VY008871.D
Acq: 19 May 2022 16:34

Tgt Ion:	152	Resp:	99560
Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.2	84.7
150	155.8	0.0	347.6

