

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008900.D
 Acq On : 20 May 2022 04:59
 Operator : KP/MD
 Sample : N2868-10
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS006-0006-01

Quant Time: May 20 05:41:18 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	127749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86386	72.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.780%	
35) Dibromofluoromethane	7.716	113	75779	56.175	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.360%	
50) Toluene-d8	10.179	98	293131	48.957	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	12.483	95	84813	40.358	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.720%	

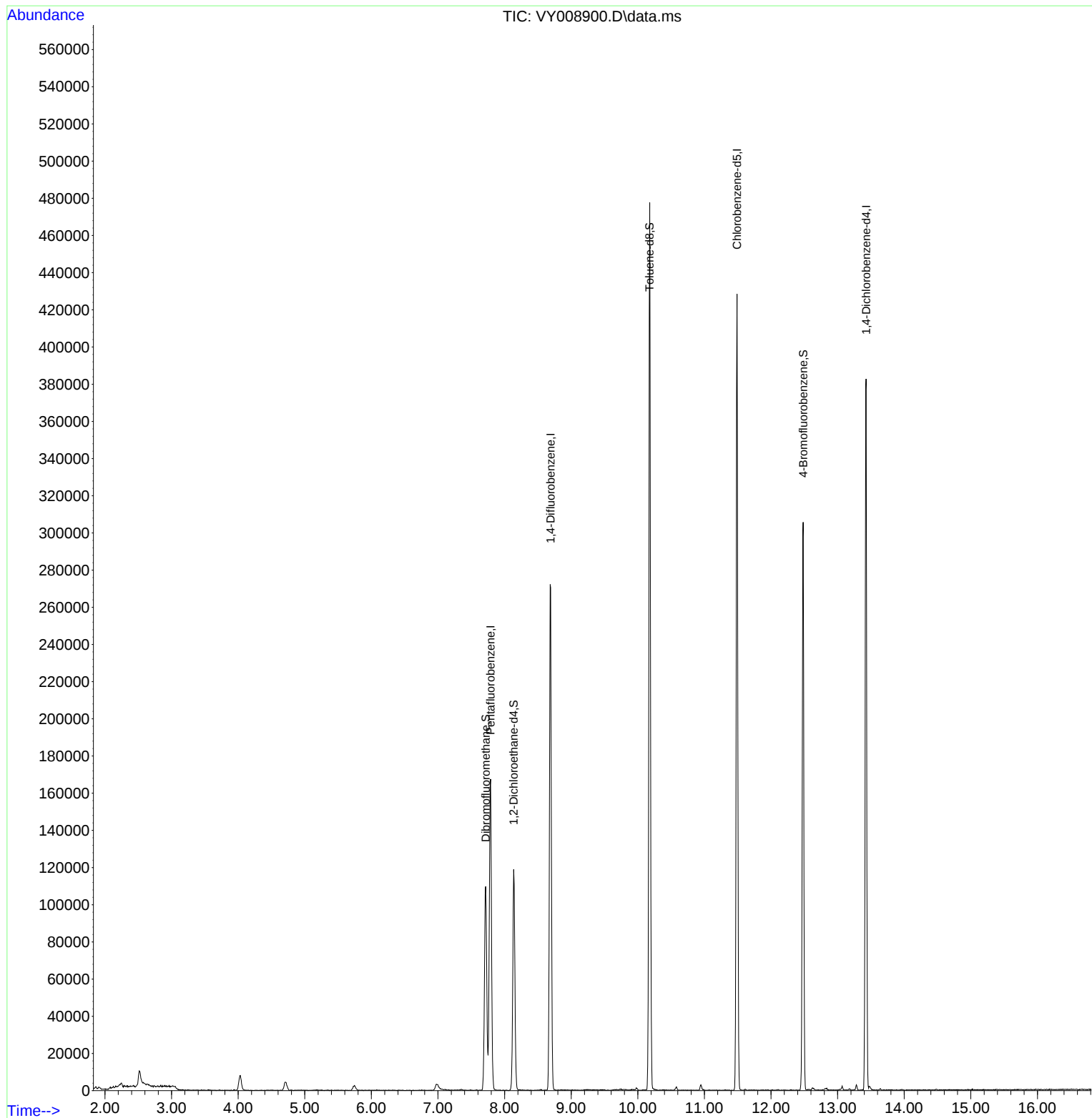
Target Compounds	Qvalue

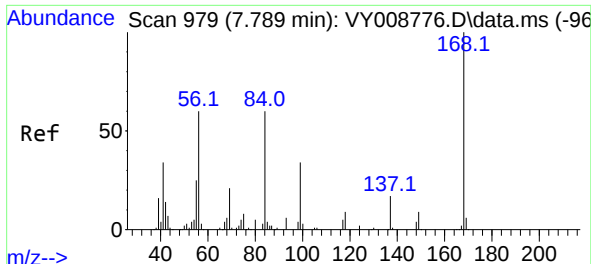
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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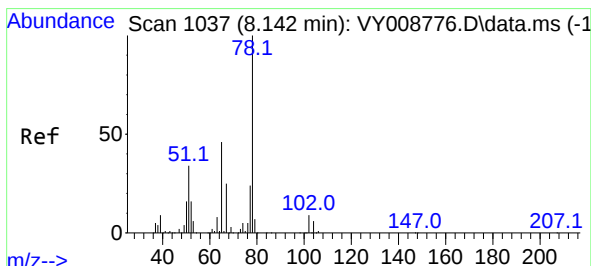
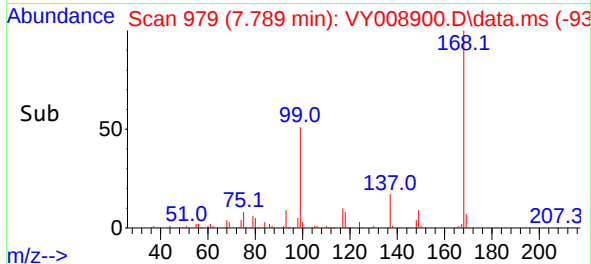
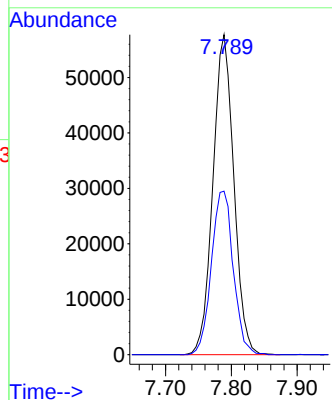
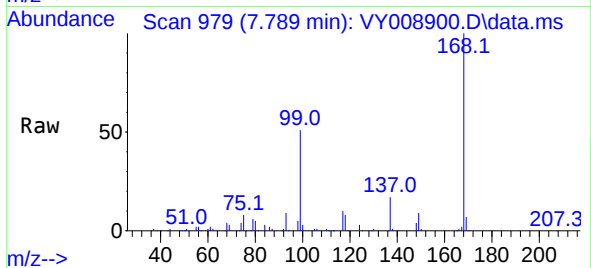




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008900.D
Acq: 20 May 2022 04:59

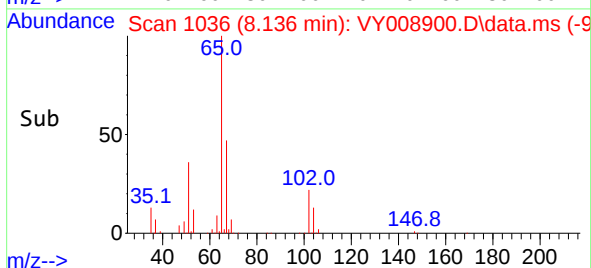
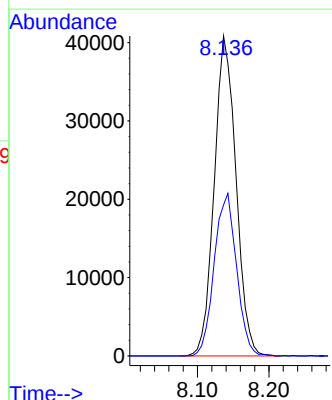
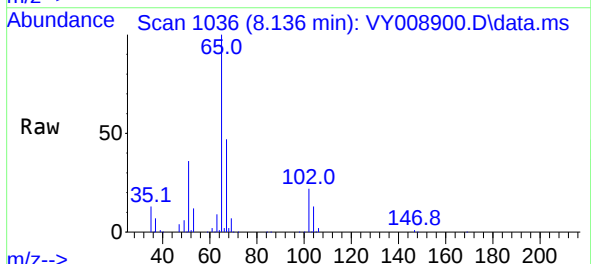
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS006-0006-01

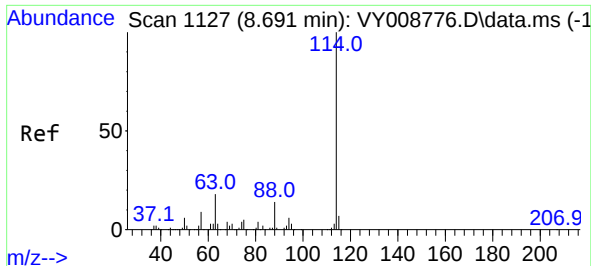
Tgt Ion:168 Resp: 127749
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 72.891 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008900.D
Acq: 20 May 2022 04:59

Tgt Ion: 65 Resp: 86386
Ion Ratio Lower Upper
65 100
67 52.1 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: VY008900.D

Acq: 20 May 2022 04:59

Instrument :

MSVOA_Y

ClientSampleId :

P017-SS006-0006-01

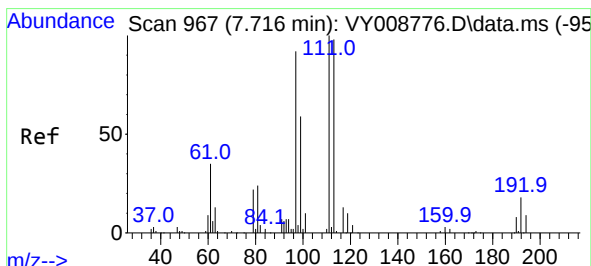
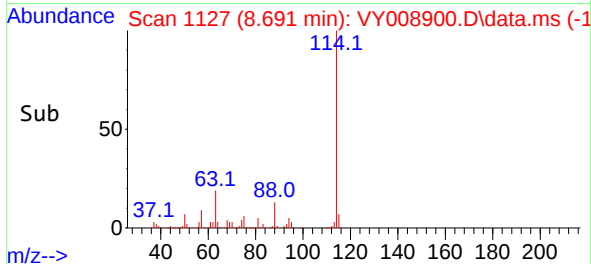
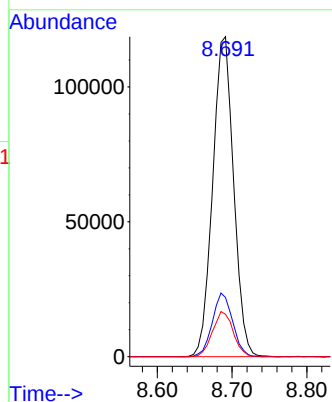
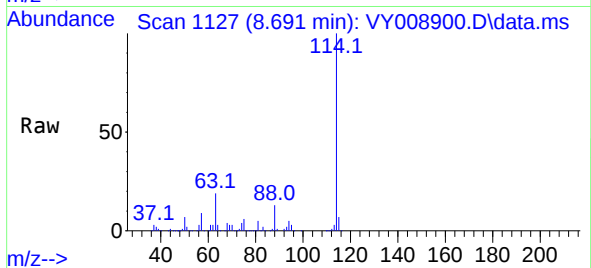
Tgt Ion:114 Resp: 230879

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.175 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008900.D

Acq: 20 May 2022 04:59

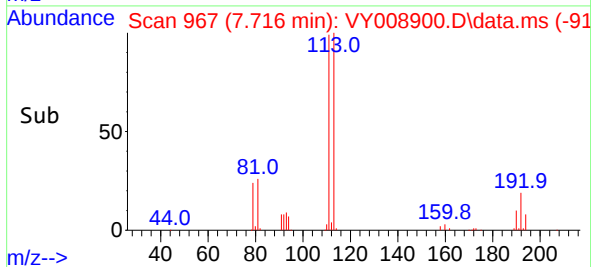
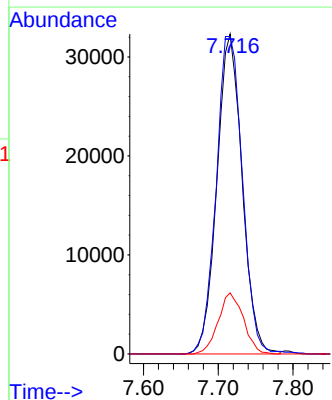
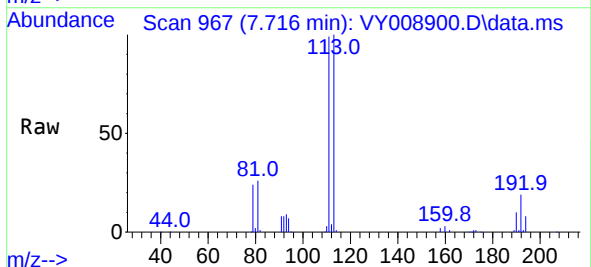
Tgt Ion:113 Resp: 75779

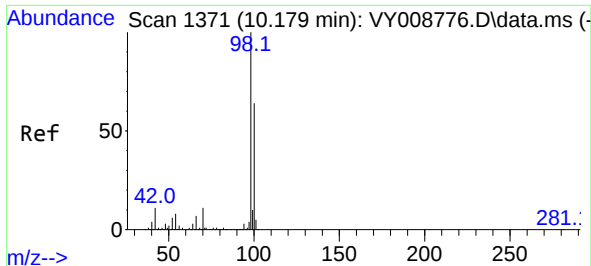
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 19.0 17.6 26.4

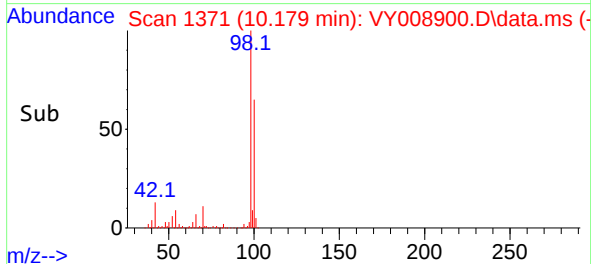
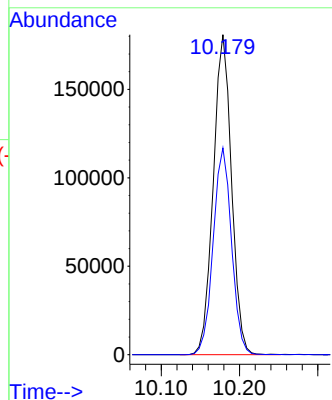
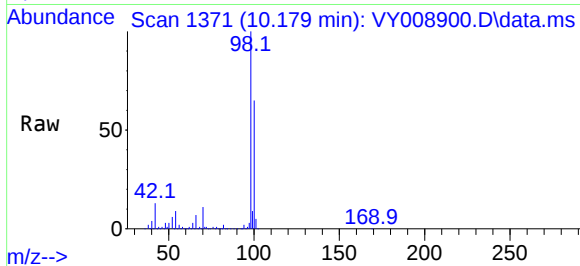




#50
Toluene-d8
Concen: 48.957 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008900.D
Acq: 20 May 2022 04:59

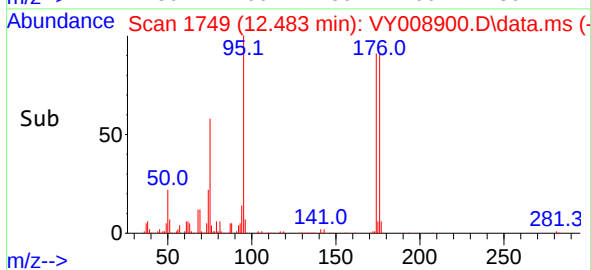
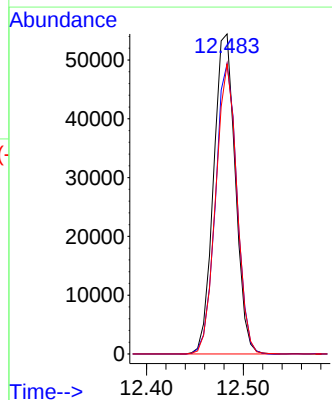
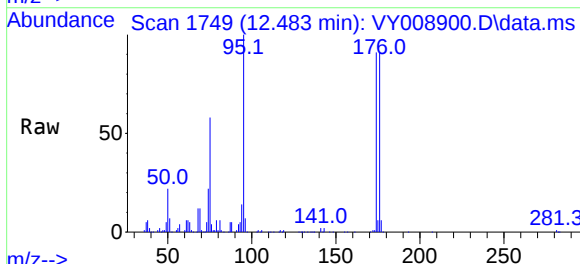
Instrument :
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ClientSampleId :
P017-SS006-0006-01

Tgt Ion: 98 Resp: 293131
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.358 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008900.D
Acq: 20 May 2022 04:59

Tgt Ion: 95 Resp: 84813
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 88.0 0.0 175.8

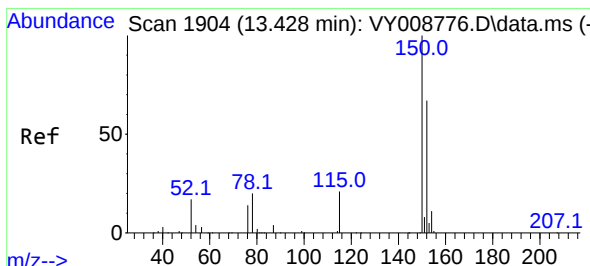
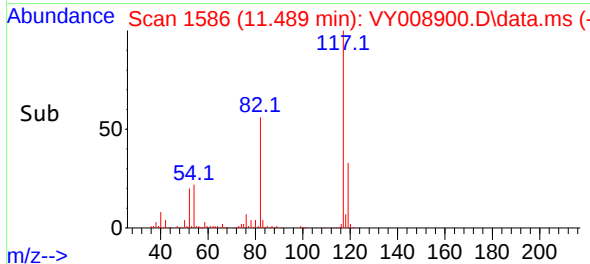
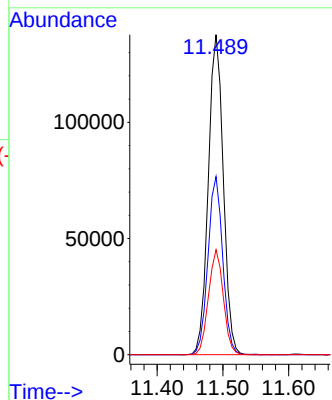
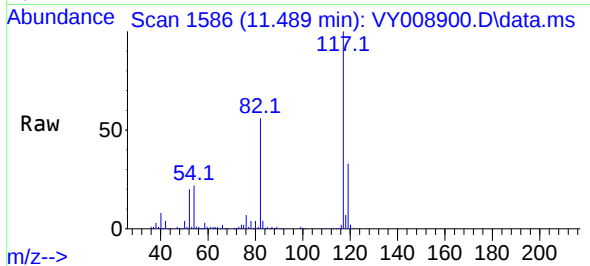




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008900.D
Acq: 20 May 2022 04:59

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS006-0006-01

Tgt Ion:	117	Resp:	218898
Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.0	64.4
119	32.8	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: VY008900.D
Acq: 20 May 2022 04:59

Tgt Ion:	152	Resp:	93187
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.2	84.7
150	157.6	0.0	347.6

