

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008926.D
 Acq On : 21 May 2022 00:52
 Operator : KP/MD
 Sample : N2911-01
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PASSAIC-AVE-SP

Quant Time: May 21 02:48:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	117451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	171153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58460	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69934	57.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.700%
35) Dibromofluoromethane	7.716	113	63571	50.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.260%
50) Toluene-d8	10.179	98	247904	53.523	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.040%
62) 4-Bromofluorobenzene	12.483	95	61658	33.000	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.000%

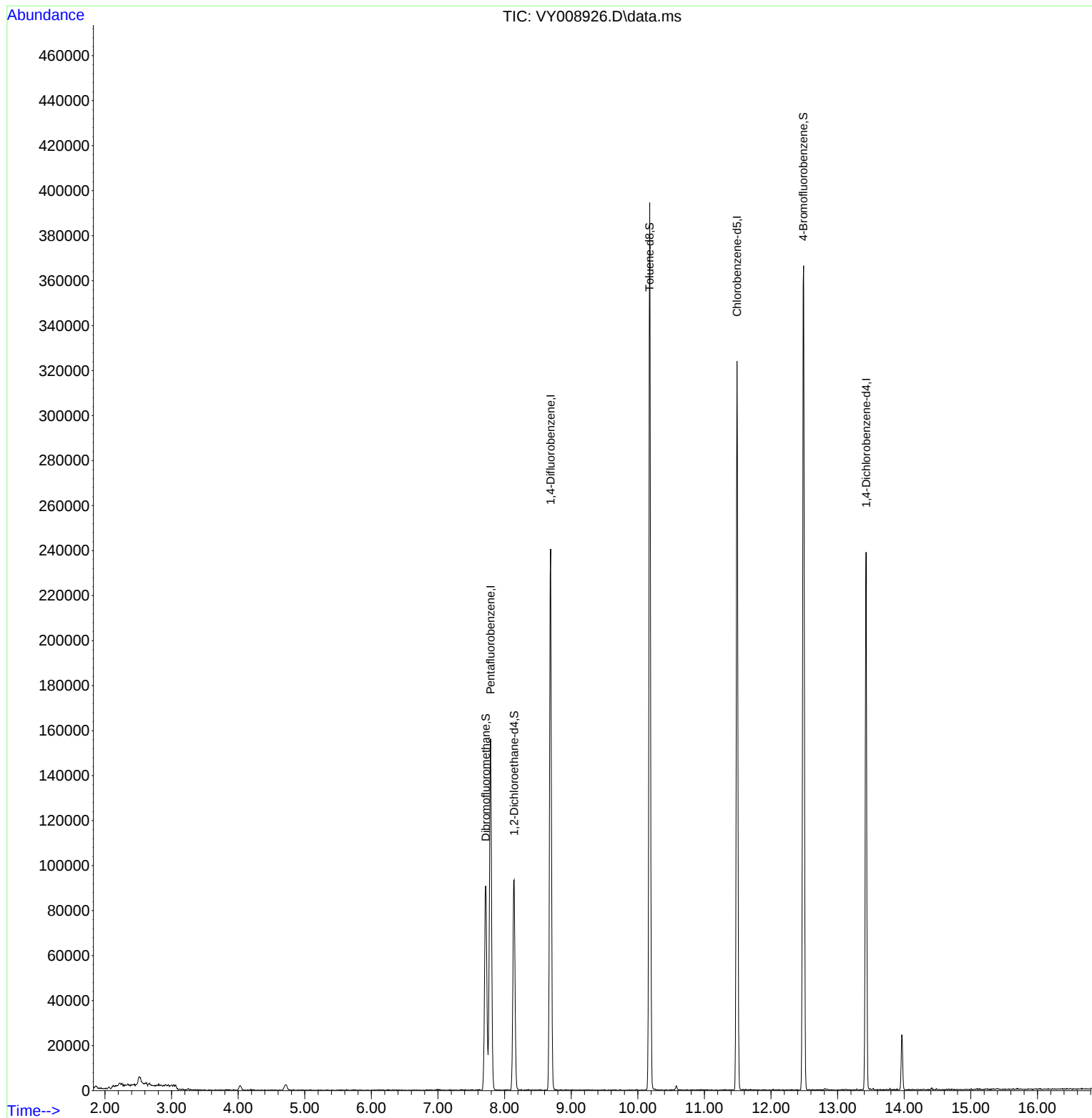
Target Compounds	Qvalue

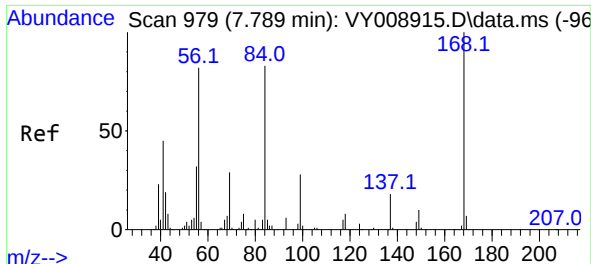
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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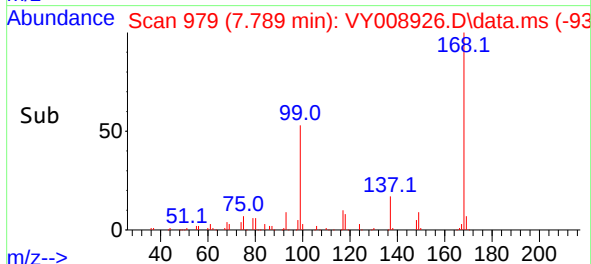
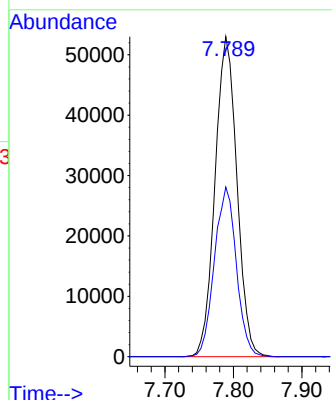
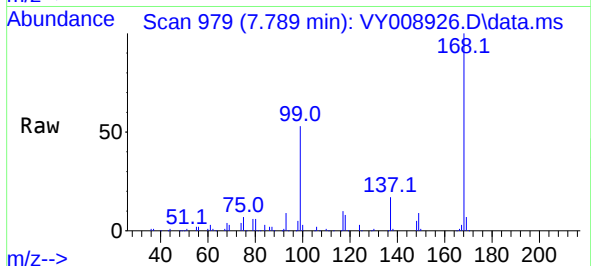




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

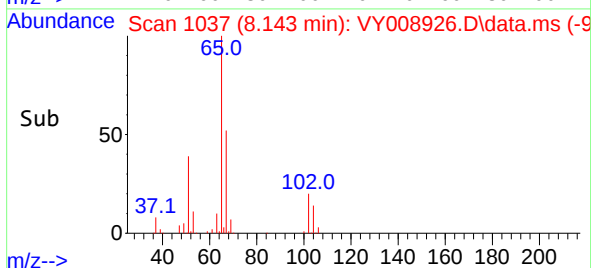
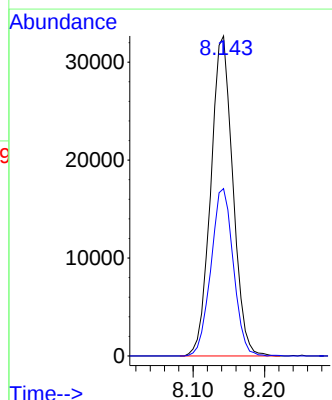
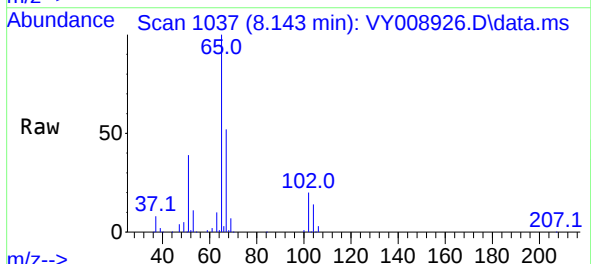
Instrument :
MSVOA_Y
ClientSampleId :
PASSAIC-AVE-SP

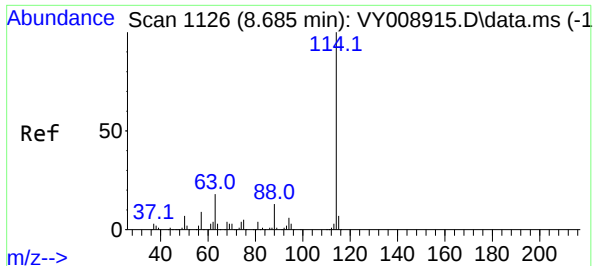
Tgt Ion:168 Resp: 117451
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.855 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

Tgt Ion: 65 Resp: 69934
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008926.D

Acq: 21 May 2022 00:52

Instrument :

MSVOA_Y

ClientSampleId :

PASSAIC-AVE-SP

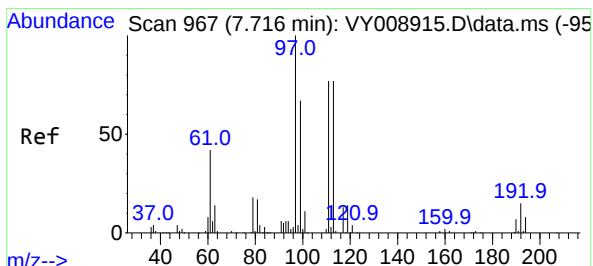
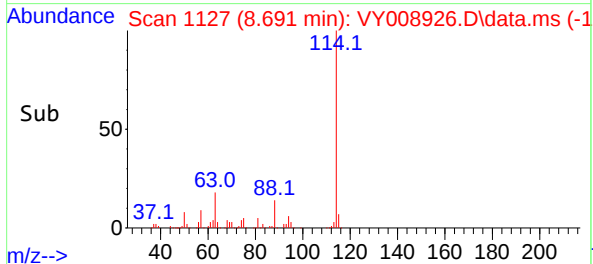
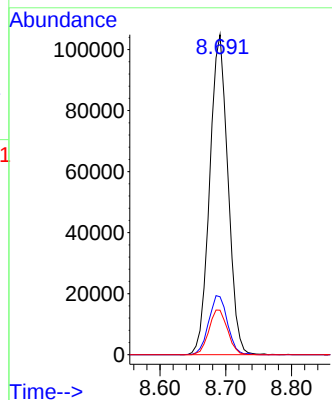
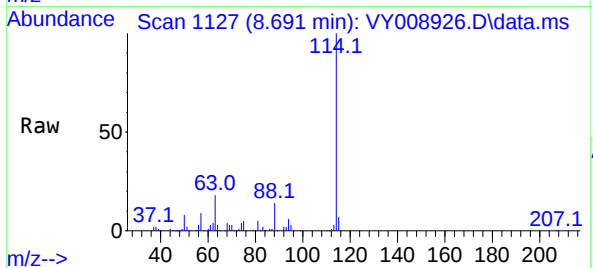
Tgt Ion:114 Resp: 201902

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.634 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008926.D

Acq: 21 May 2022 00:52

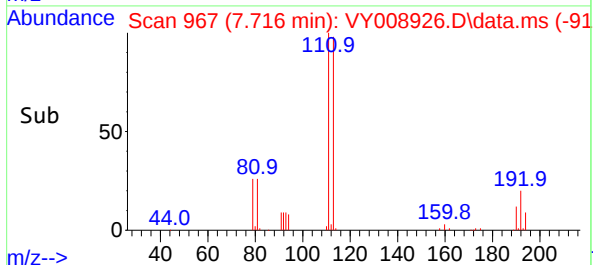
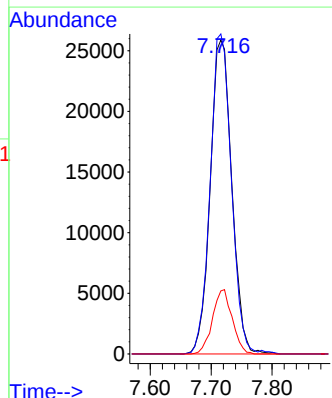
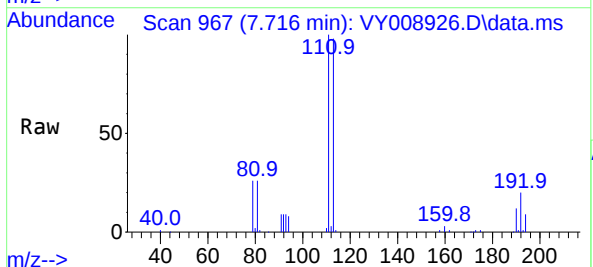
Tgt Ion:113 Resp: 63571

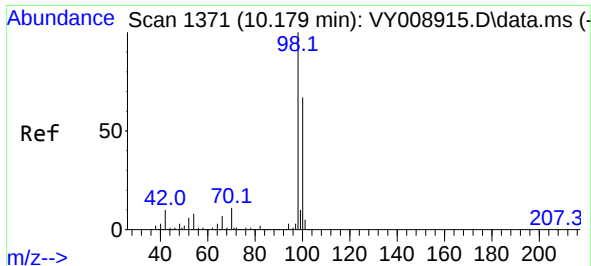
Ion Ratio Lower Upper

113 100

111 99.8 82.6 124.0

192 18.7 17.6 26.4

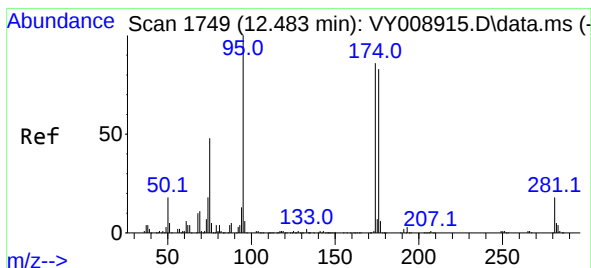
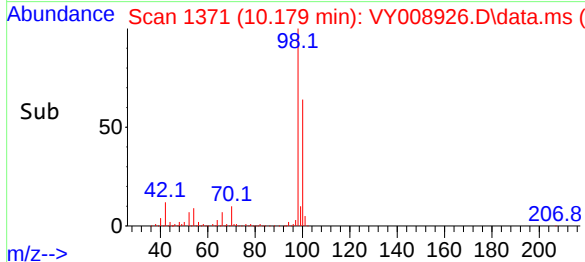
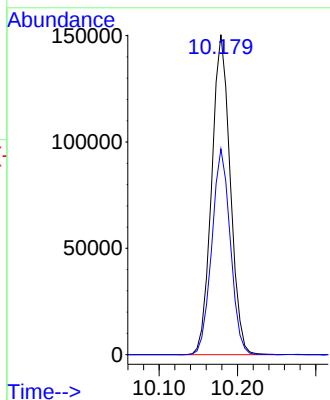
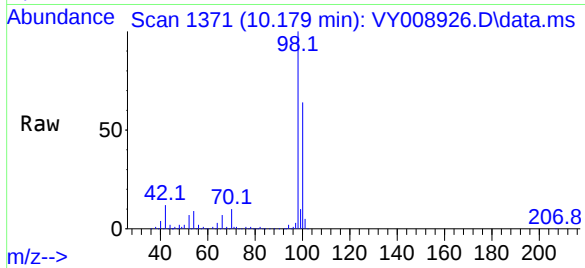




#50
Toluene-d8
Concen: 53.523 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

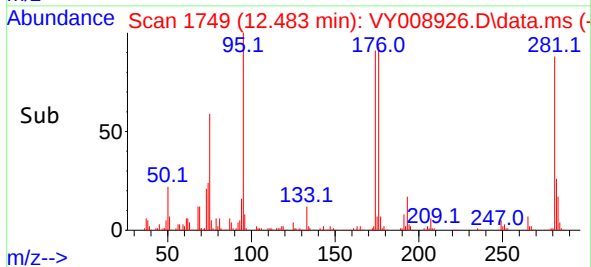
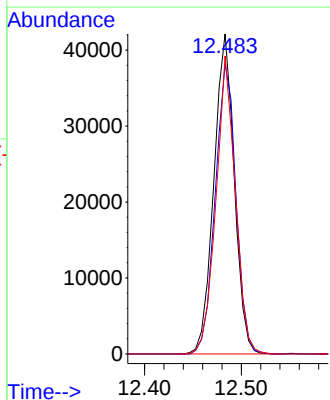
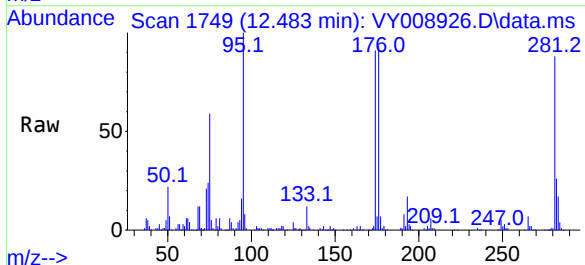
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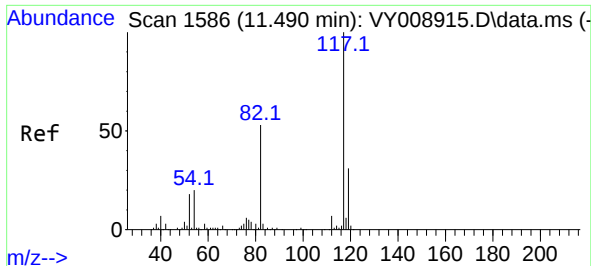
Tgt Ion: 98 Resp: 247904
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.000 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

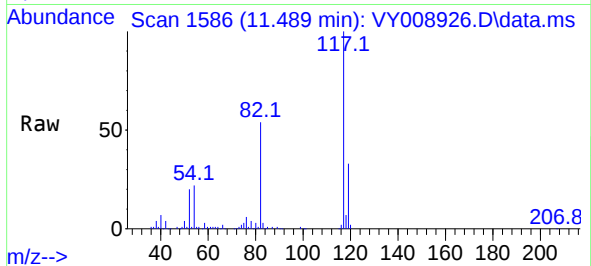
Tgt Ion: 95 Resp: 61658
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 88.4 0.0 175.8



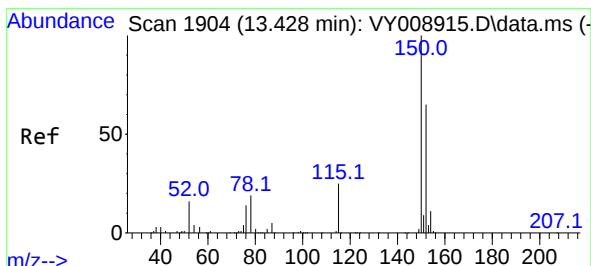
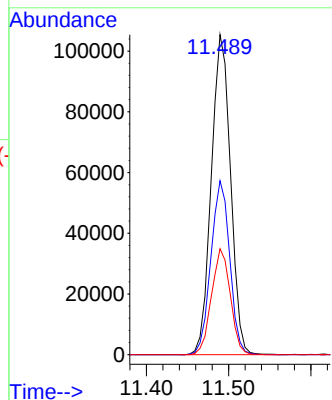
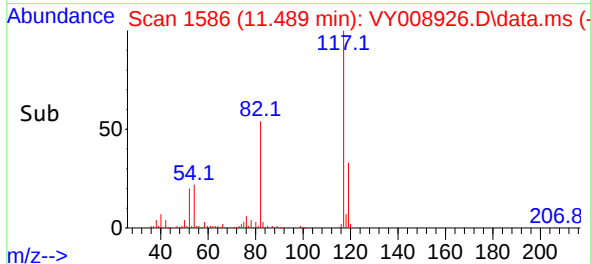


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1171
Delta R.T. -0.001 min
Lab File: VY008926.D
Acq: 21 May 2022 00:52

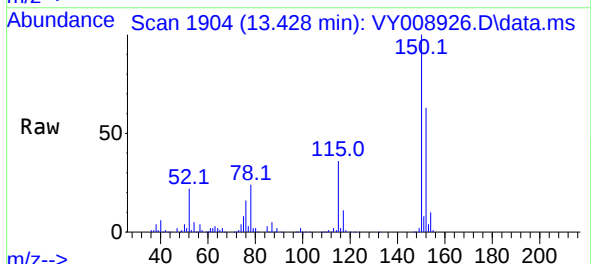
Instrument :
MSVOA_Y
ClientSampleId :
PASSAIC-AVE-SP



Tgt Ion:	117	Resp:	171153
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.0	64.4
119	33.1	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: VY008926.D
Acq: 21 May 2022 00:52



Tgt Ion:	152	Resp:	58460
Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.2	84.7
150	154.0	0.0	347.6

