

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008522.D
 Acq On : 27 Apr 2022 13:14
 Operator : KP/MD
 Sample : N2577-05
 Misc : 5.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLIND-DUPLICATE-4-25-22

Quant Time: Apr 28 01:31:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

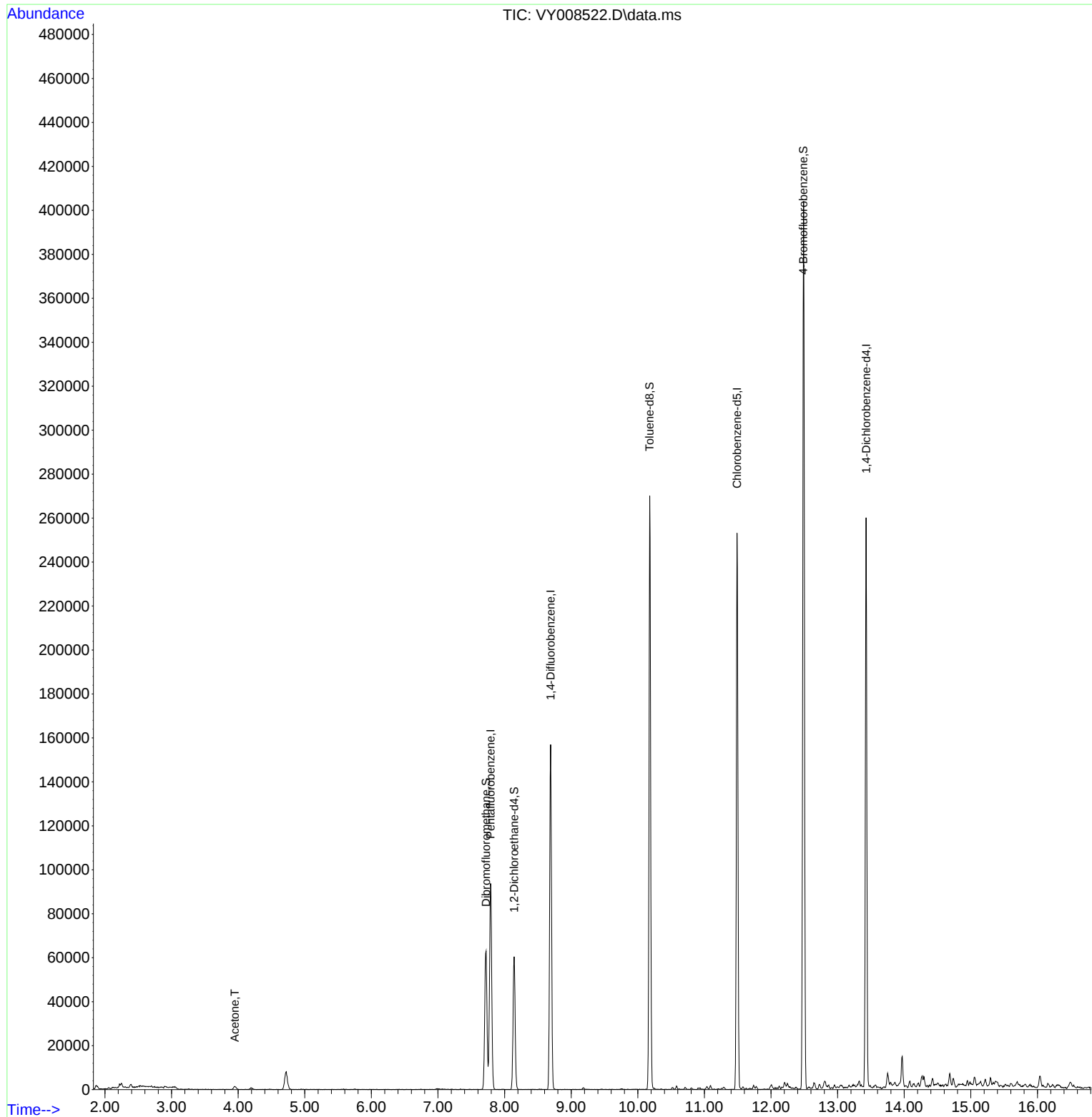
Internal Standards						
1) Pentafluorobenzene	7.789	168	73527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	45808	52.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.900%	
35) Dibromofluoromethane	7.722	113	45352	51.328	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.660%	
50) Toluene-d8	10.179	98	172284	48.974	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.940%	
62) 4-Bromofluorobenzene	12.483	95	61560	51.741	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.480%	
Target Compounds						
16) Acetone	3.948	43	2755	13.672	ug/l	Qvalue # 81

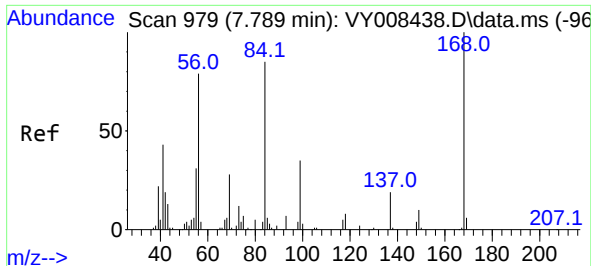
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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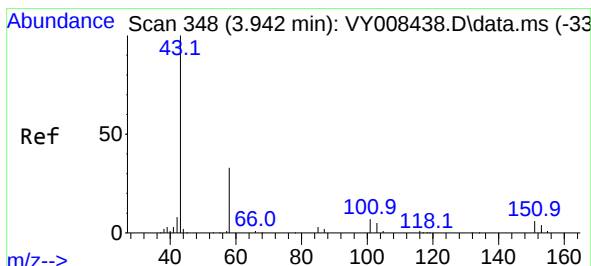
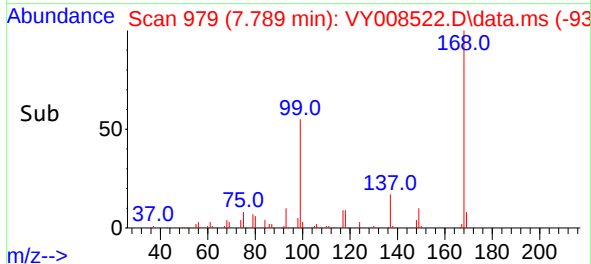
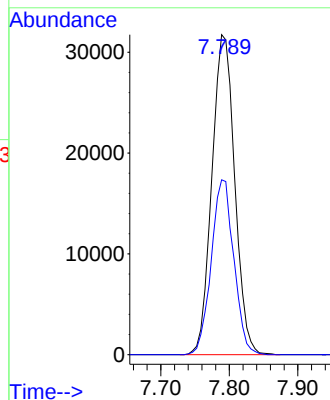
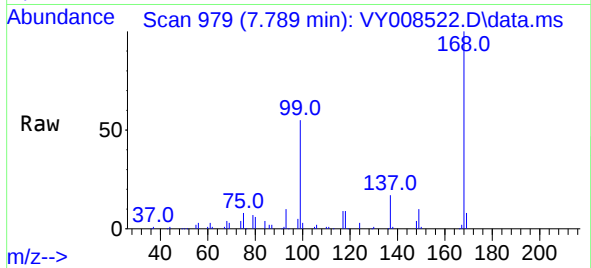




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008522.D
Acq: 27 Apr 2022 13:14

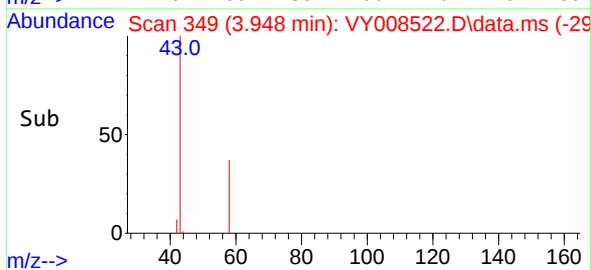
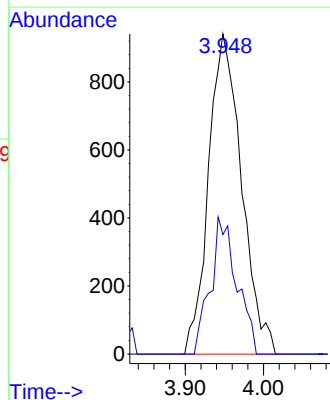
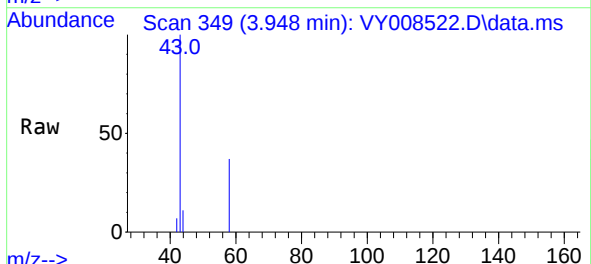
Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE-4-25-22

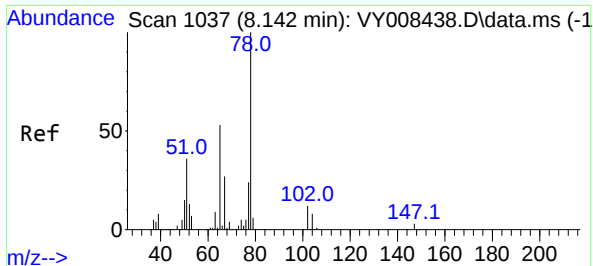
Tgt Ion:168 Resp: 73527
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 13.672 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008522.D
Acq: 27 Apr 2022 13:14

Tgt Ion: 43 Resp: 2755
Ion Ratio Lower Upper
43 100
58 37.3 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 52.949 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008522.D

Acq: 27 Apr 2022 13:14

Instrument :

MSVOA_Y

ClientSampleId :

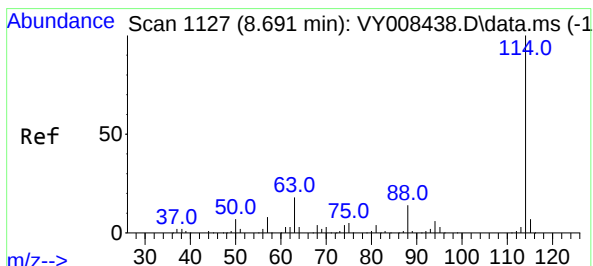
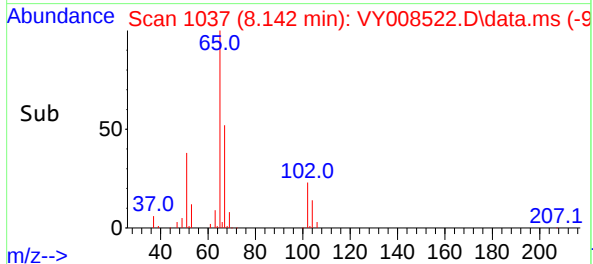
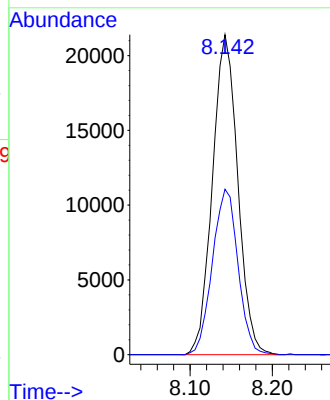
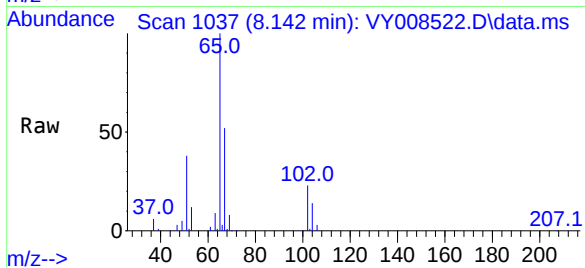
BLIND-DUPLICATE-4-25-22

Tgt Ion: 65 Resp: 45808

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: VY008522.D

Acq: 27 Apr 2022 13:14

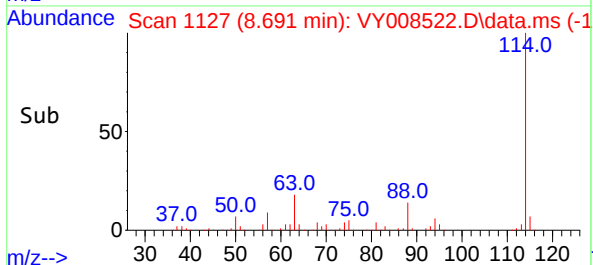
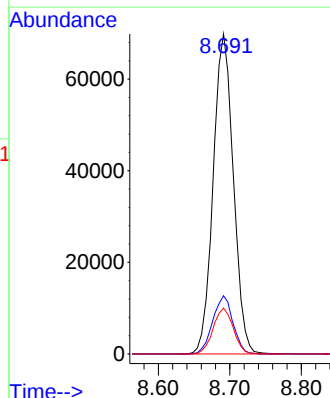
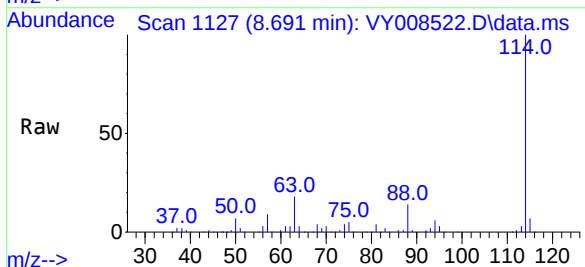
Tgt Ion: 114 Resp: 136907

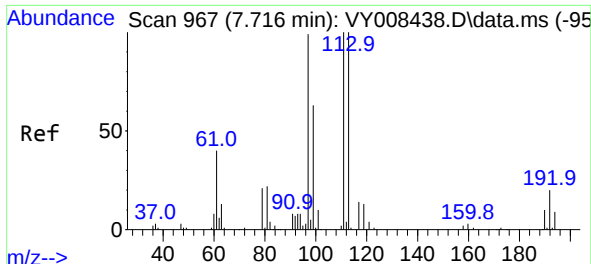
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.4 0.0 31.8

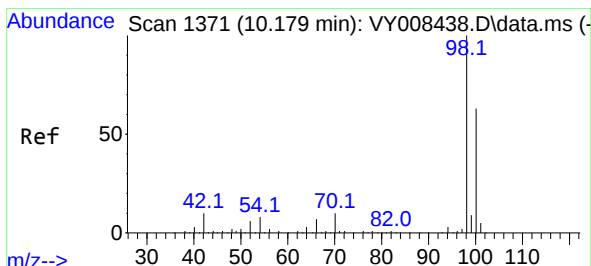
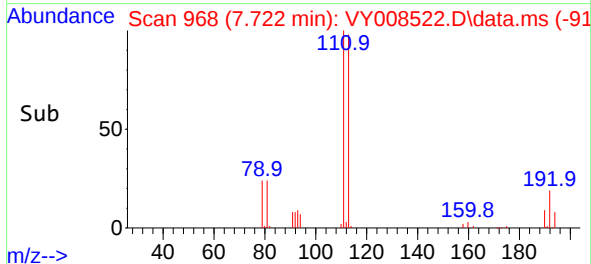
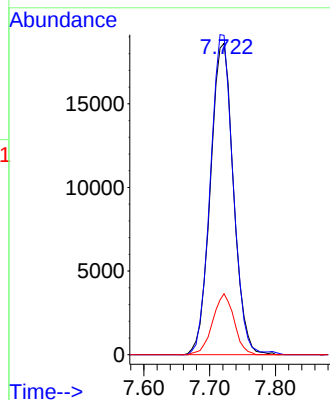
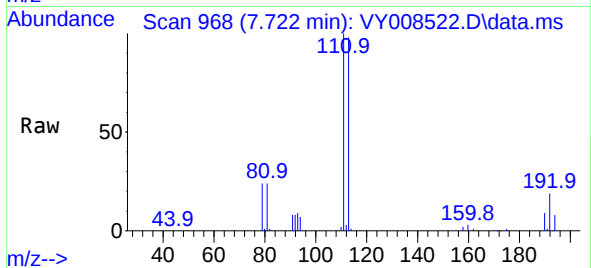




#35
Dibromofluoromethane
Concen: 51.328 ug/l
RT: 7.722 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY008522.D
Acq: 27 Apr 2022 13:14

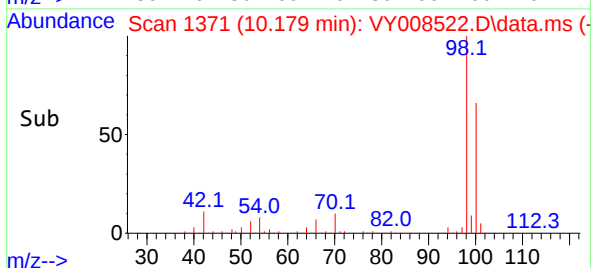
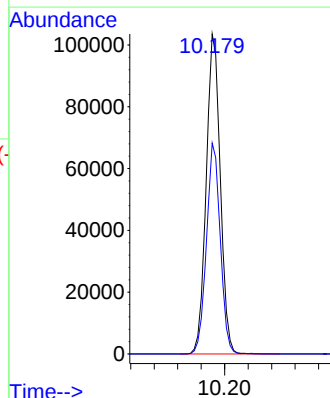
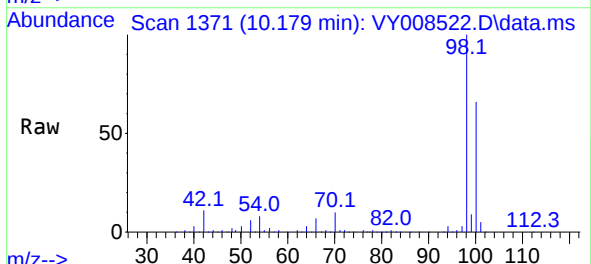
Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE-4-25-22

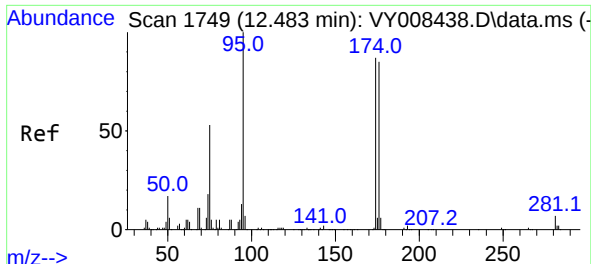
Tgt Ion:113 Resp: 45352
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 18.2 17.6 26.4



#50
Toluene-d8
Concen: 48.974 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008522.D
Acq: 27 Apr 2022 13:14

Tgt Ion: 98 Resp: 172284
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

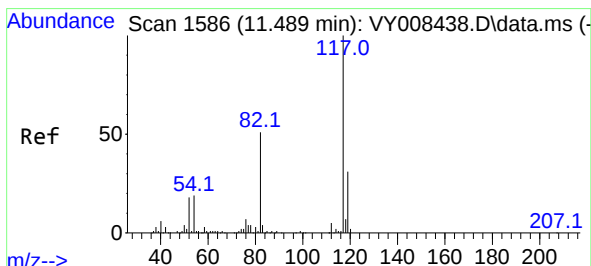
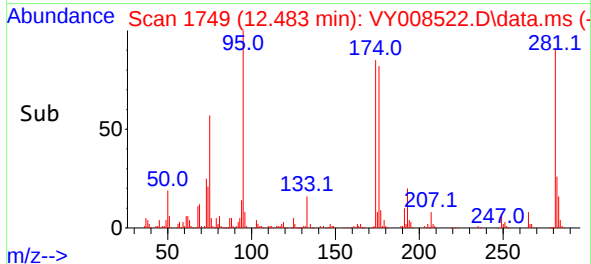
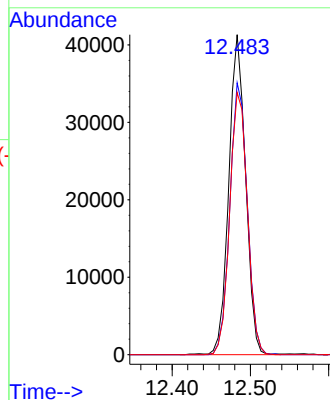
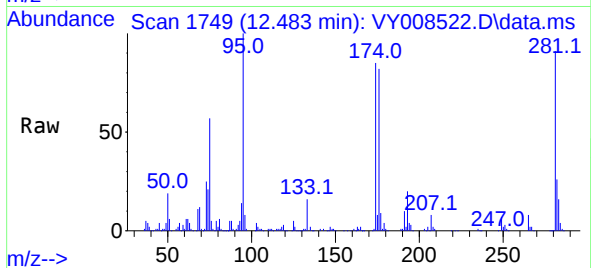




#62
4-Bromofluorobenzene
Concen: 51.741 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008522.D
Acq: 27 Apr 2022 13:14

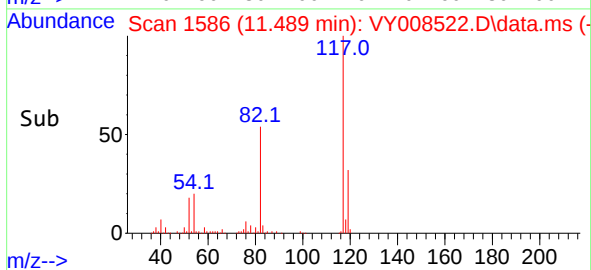
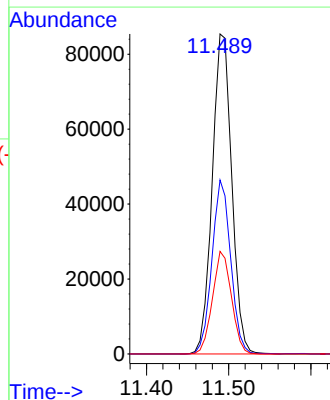
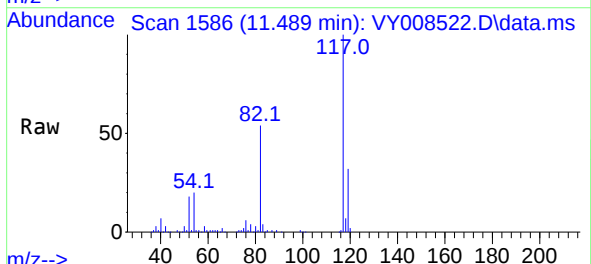
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BLIND-DUPLICATE-4-25-22

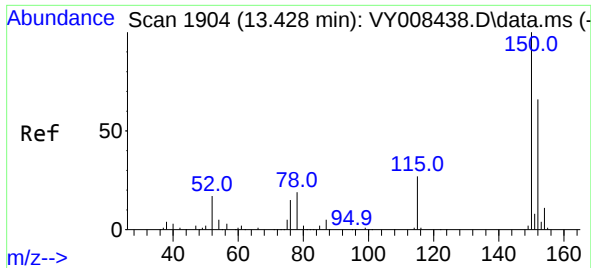
Tgt Ion:	95	Resp:	61560
Ion Ratio	Lower	Upper	
95	100		
174	87.7	0.0	177.0
176	86.2	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008522.D
Acq: 27 Apr 2022 13:14

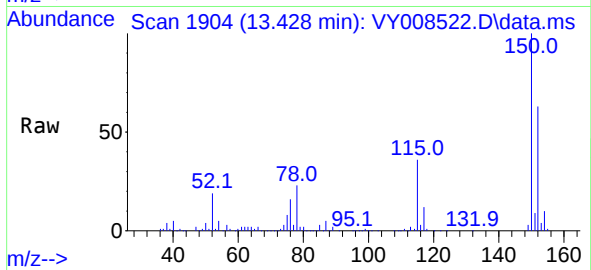
Tgt Ion:	117	Resp:	140969
Ion Ratio	Lower	Upper	
117	100		
82	54.3	43.0	64.4
119	32.1	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008522.D
 Acq: 27 Apr 2022 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLIND-DUPLICATE-4-25-22



Tgt Ion:152 Resp: 63741
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.2 84.7
 150 159.7 0.0 347.6

