

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
 Data File : VY008394.D
 Acq On : 19 Apr 2022 14:33
 Operator : KP/MD
 Sample : N2427-01
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Apr 20 06:28:30 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)

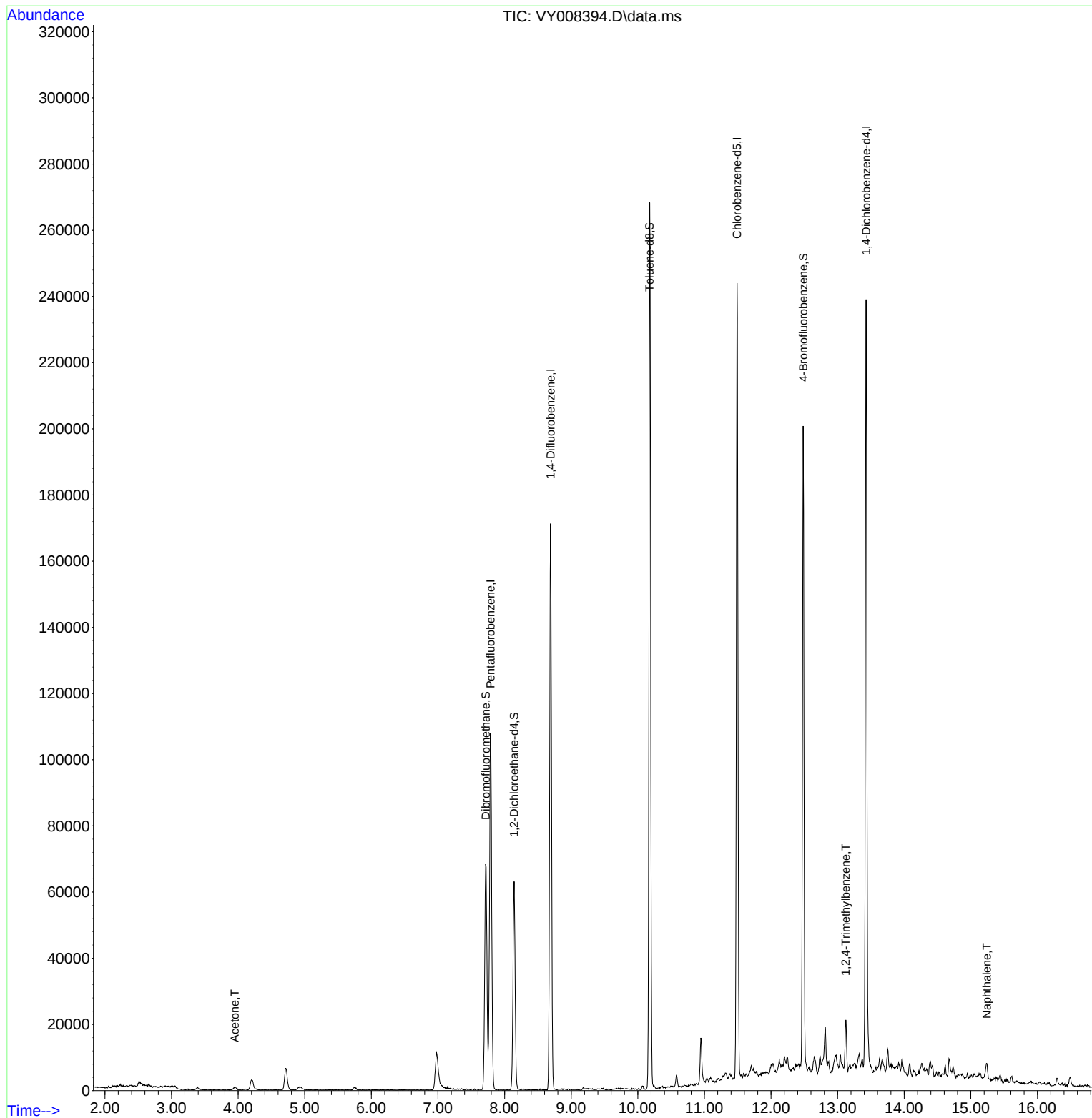
Internal Standards						
1) Pentafluorobenzene	7.789	168	85190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	152479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	134143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47364	59.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.380%
35) Dibromofluoromethane	7.716	113	48523	55.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.200%
50) Toluene-d8	10.179	98	180431	59.873	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.740%
62) 4-Bromofluorobenzene	12.483	95	55837	49.262	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.520%
Target Compounds						Qvalue
16) Acetone	3.948	43	1721	8.942	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	7707	2.180	ug/l	98
95) Naphthalene	15.239	128	3845	1.613	ug/l	98

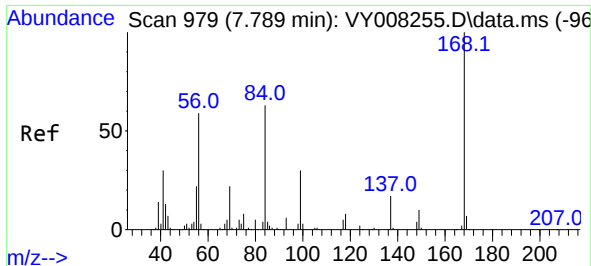
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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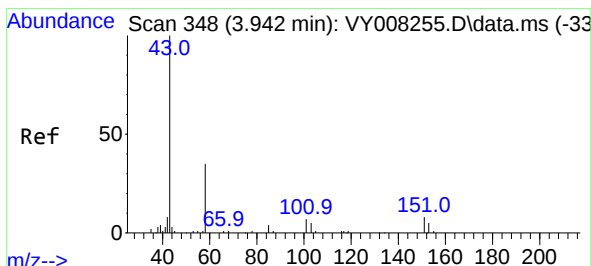
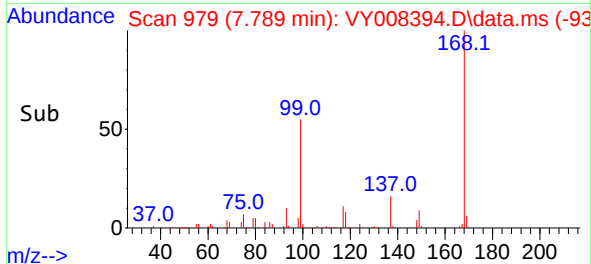
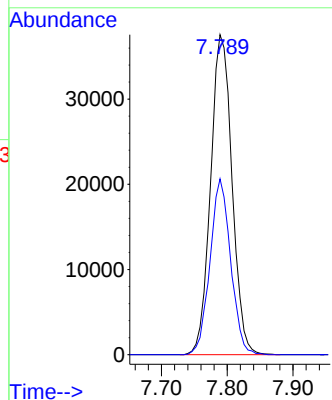
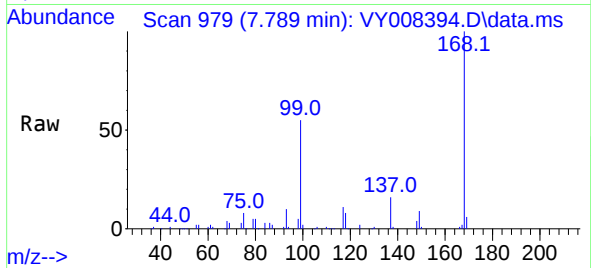




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

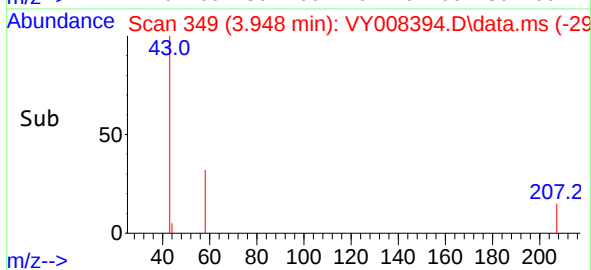
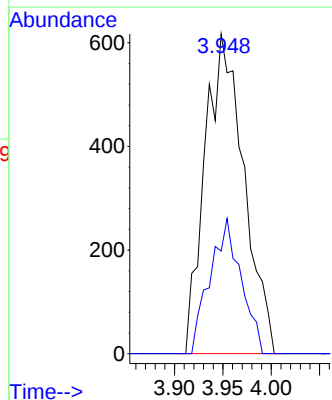
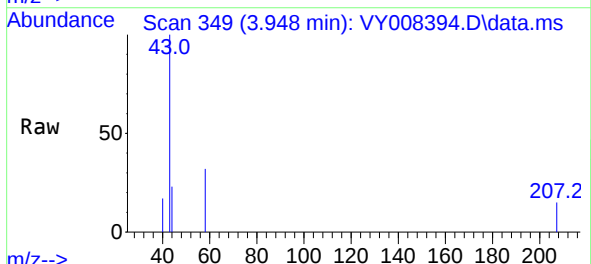
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

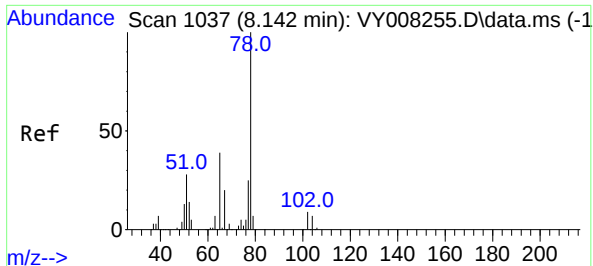
Tgt Ion:168 Resp: 85190
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#16
Acetone
Concen: 8.942 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Tgt Ion: 43 Resp: 1721
Ion Ratio Lower Upper
43 100
58 32.1 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 59.189 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008394.D

Acq: 19 Apr 2022 14:33

Instrument :

MSVOA_Y

ClientSampleId :

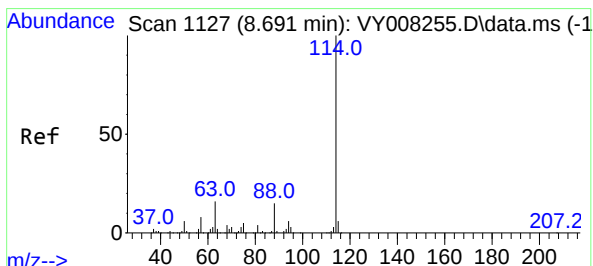
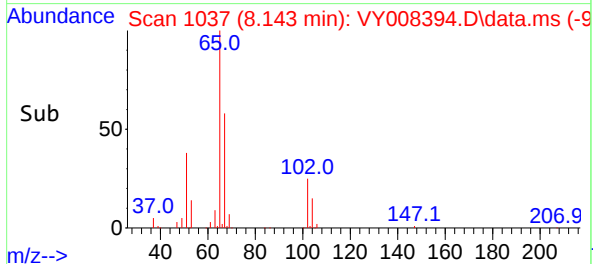
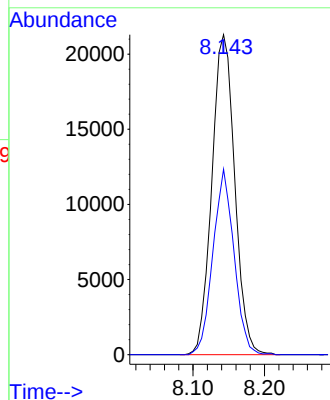
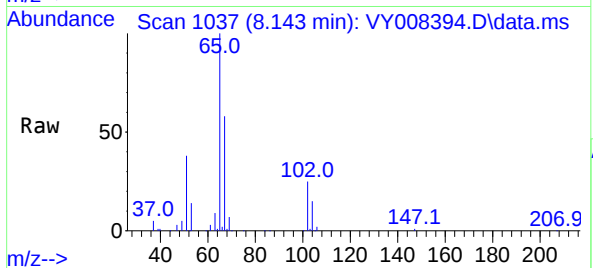
SB-1

Tgt Ion: 65 Resp: 47364

Ion Ratio Lower Upper

65 100

67 53.4 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: VY008394.D

Acq: 19 Apr 2022 14:33

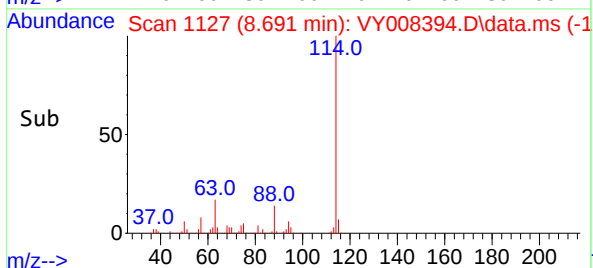
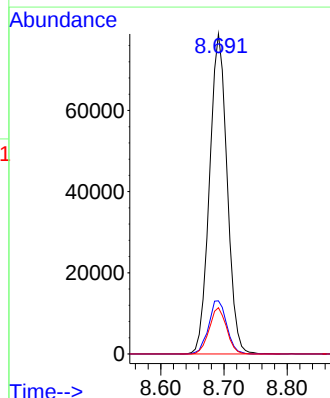
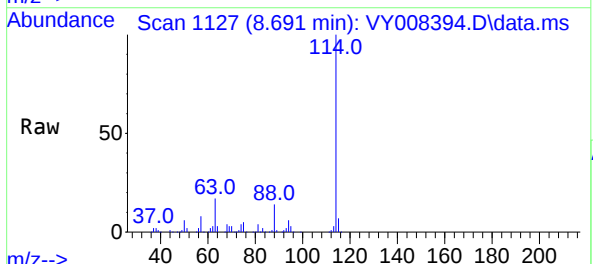
Tgt Ion: 114 Resp: 152479

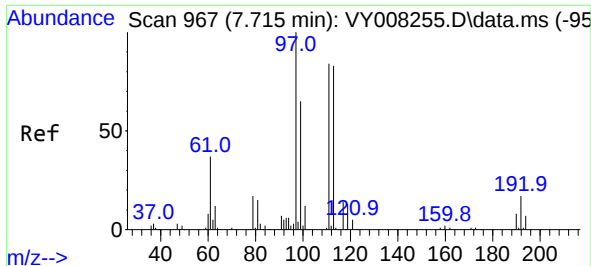
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.5 0.0 31.8

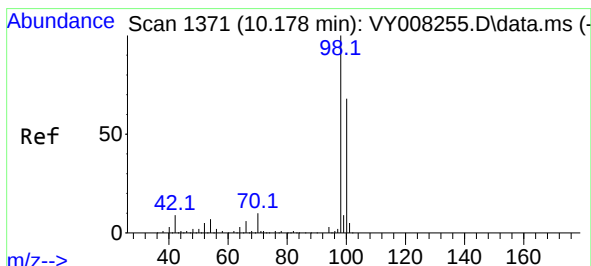
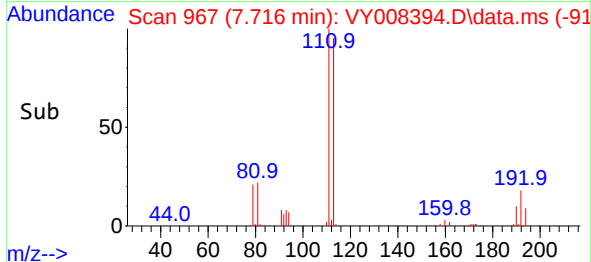
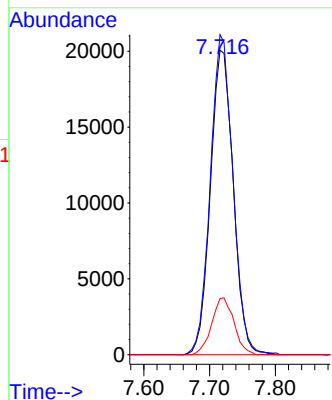
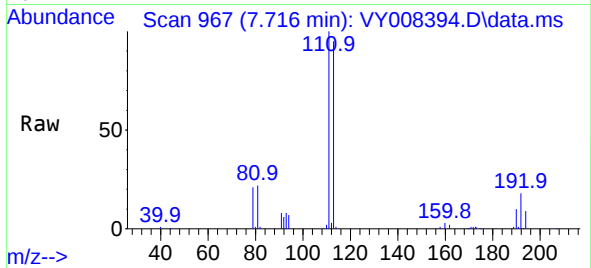




#35
Dibromofluoromethane
Concen: 55.096 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.001 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

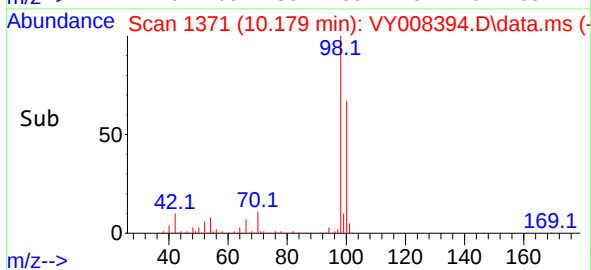
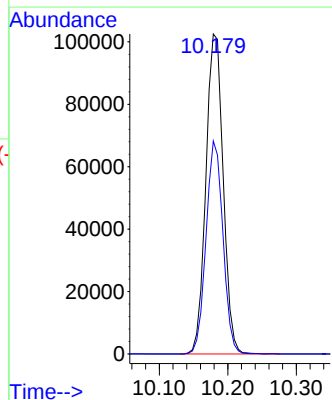
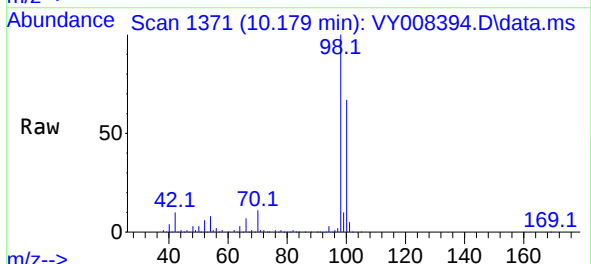
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

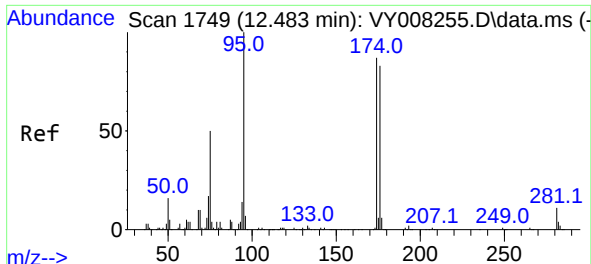
Tgt Ion:113 Resp: 48523
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 18.2 17.6 26.4



#50
Toluene-d8
Concen: 59.873 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Tgt Ion: 98 Resp: 180431
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

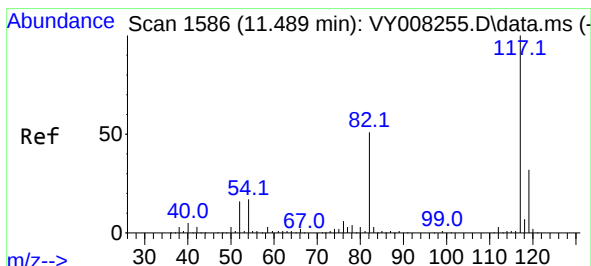
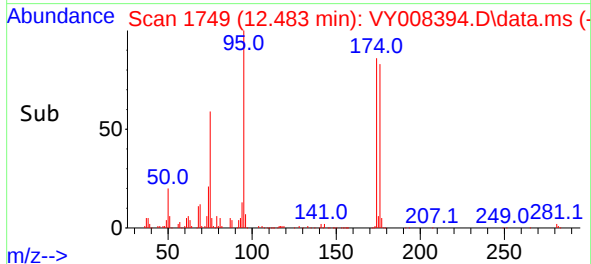
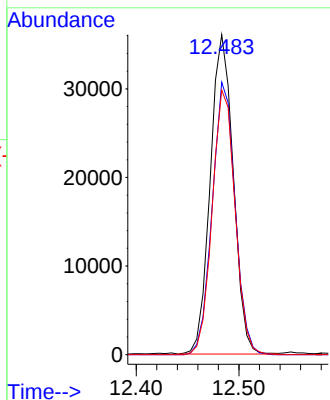
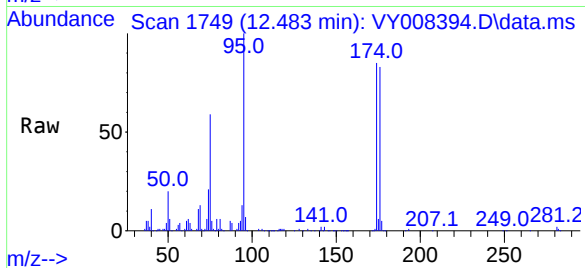




#62
4-Bromofluorobenzene
Concen: 49.262 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

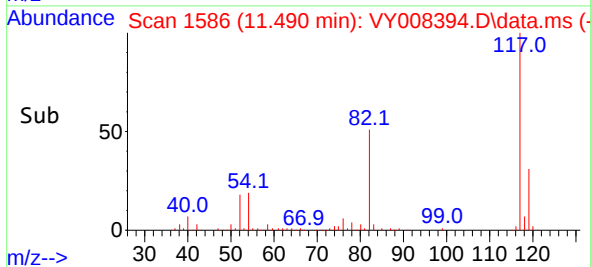
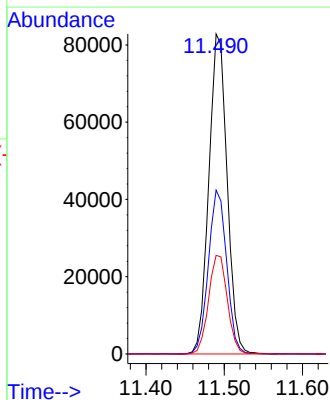
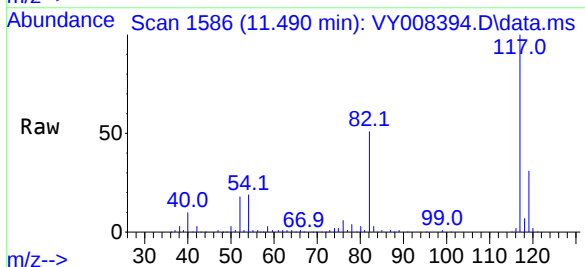
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

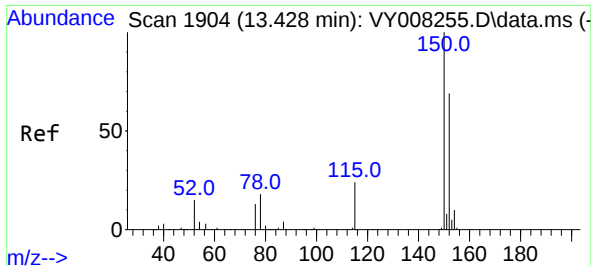
Tgt Ion: 95 Resp: 55837
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 82.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Tgt Ion: 117 Resp: 134143
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 30.8 25.4 38.0

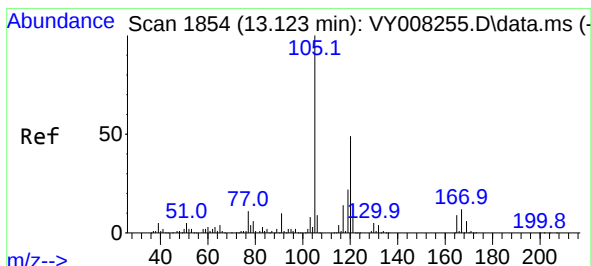
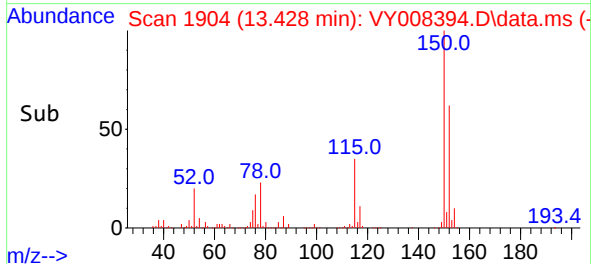
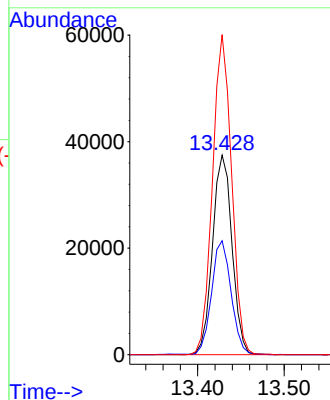
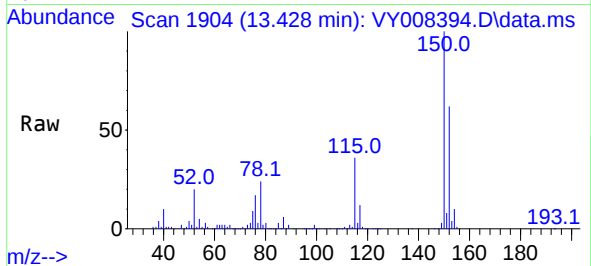




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

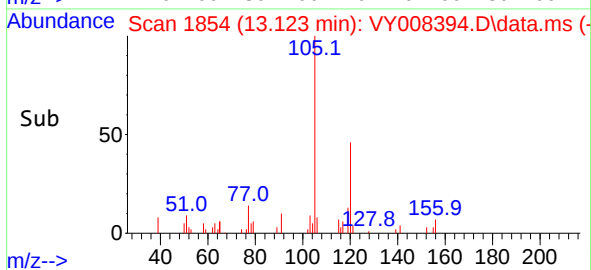
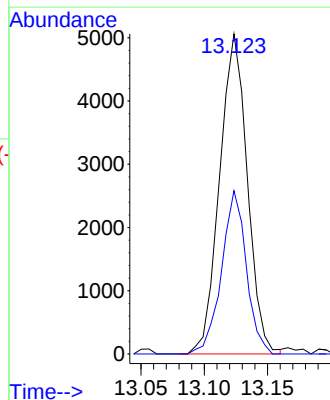
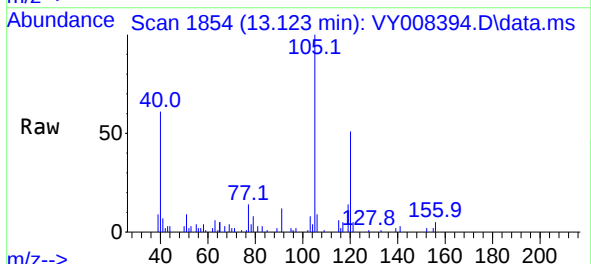
Instrument :
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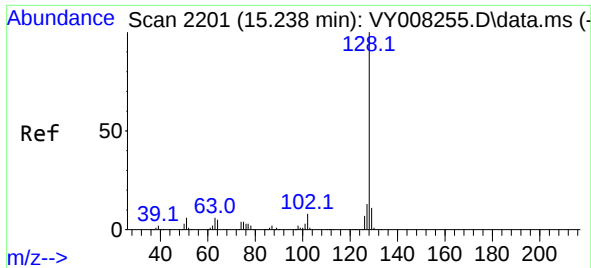
Tgt Ion:152 Resp: 58602
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 157.1 0.0 347.6



#84
1,2,4-Trimethylbenzene
Concen: 2.180 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

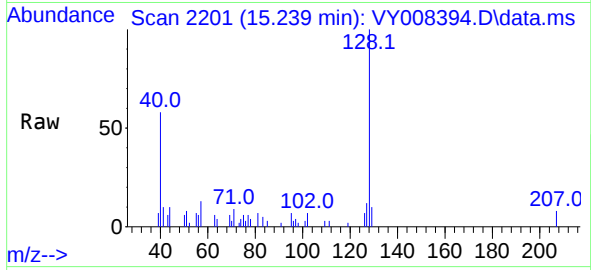
Tgt Ion:105 Resp: 7707
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9





#95
Naphthalene
Concen: 1.613 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.001 min
Lab File: VY008394.D
Acq: 19 Apr 2022 14:33

Instrument :
MSVOA_Y
ClientSampleId :
SB-1



Tgt Ion:128 Resp: 3845

Ion	Ratio	Lower	Upper
128	100		
127	14.6	11.0	16.4
129	10.9	8.4	12.6

