

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008339.D
 Acq On : 14 Apr 2022 19:45
 Operator : KP/MD
 Sample : N2401-09
 Misc : 4.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-9-11.5

Quant Time: Apr 15 06:17:36 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)

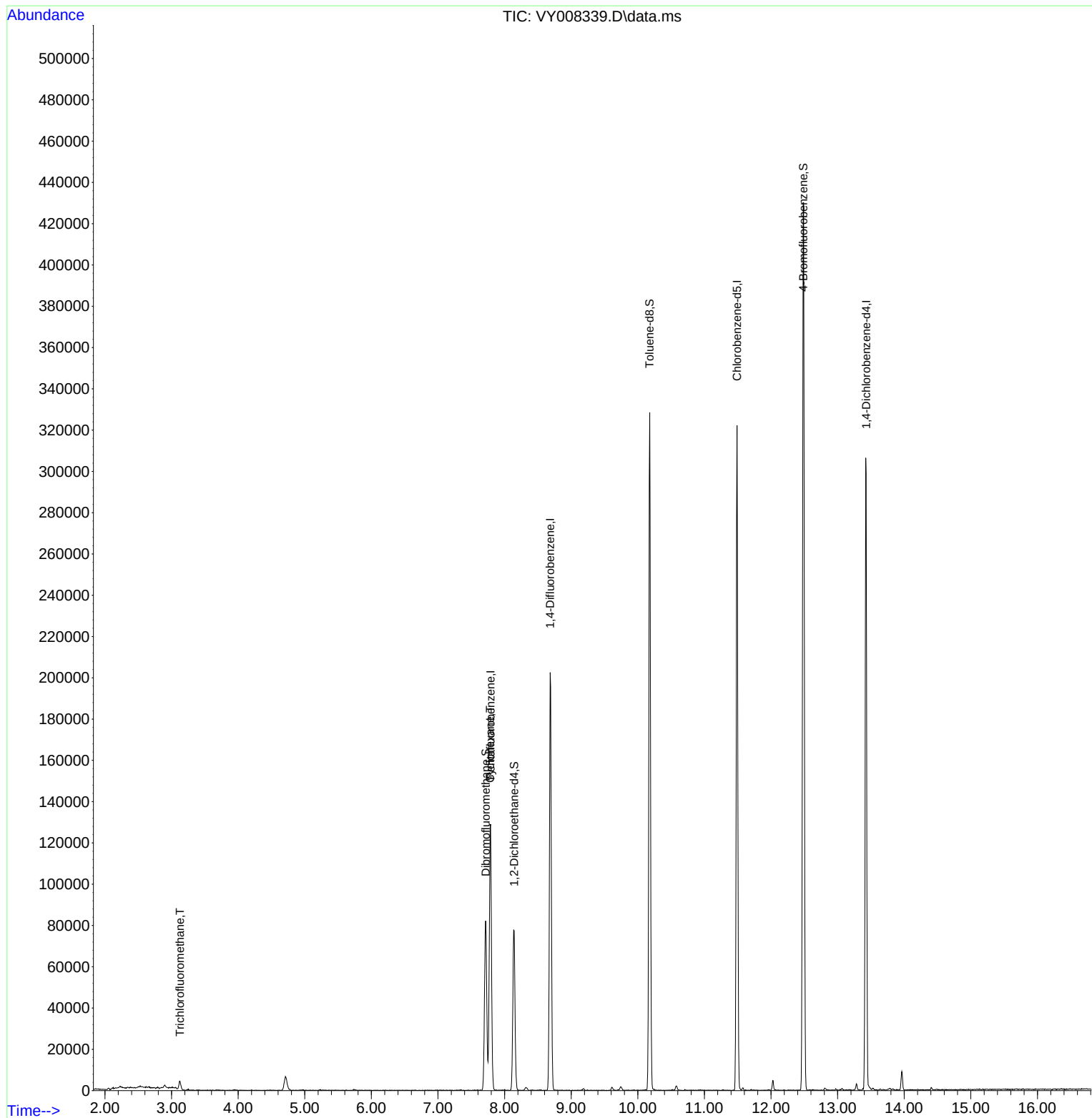
Internal Standards						
1) Pentafluorobenzene	7.789	168	100309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	180365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59316	62.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.900%
35) Dibromofluoromethane	7.715	113	58156	55.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.640%
50) Toluene-d8	10.178	98	220856	61.957	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.920%
62) 4-Bromofluorobenzene	12.483	95	77431	57.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.500%
Target Compounds						
7) Trichlorofluoromethane	3.125	101	4346	2.556	ug/l	95
31) Cyclohexane	7.782	56	2256	1.324	ug/l #	20

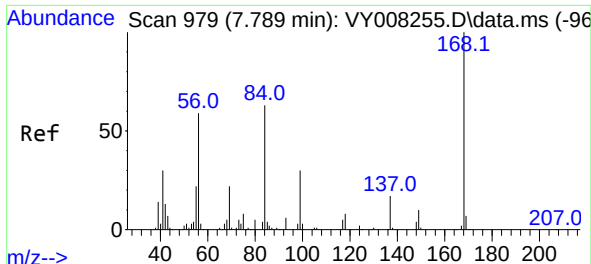
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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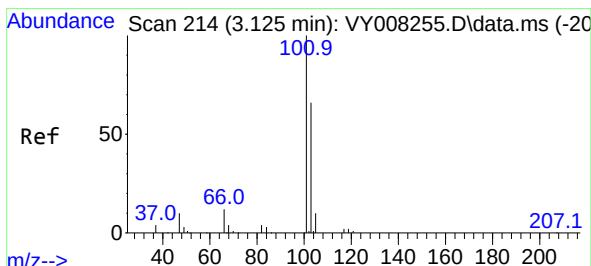
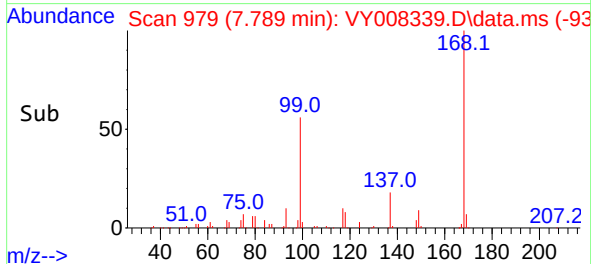
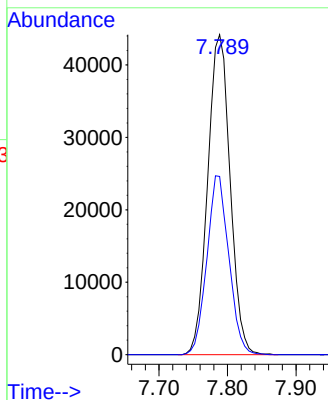
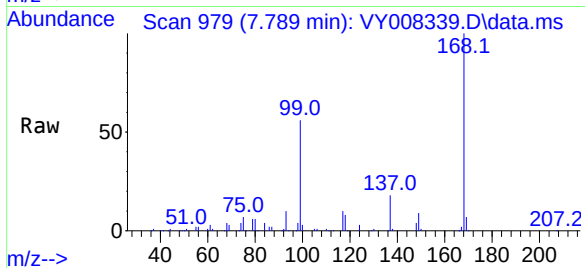




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

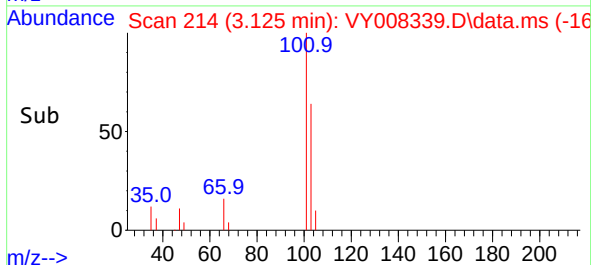
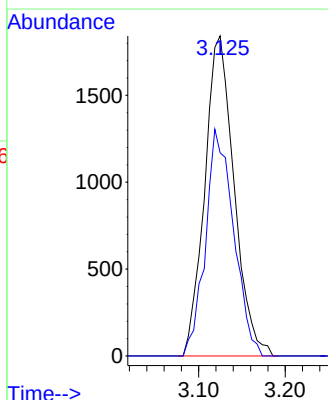
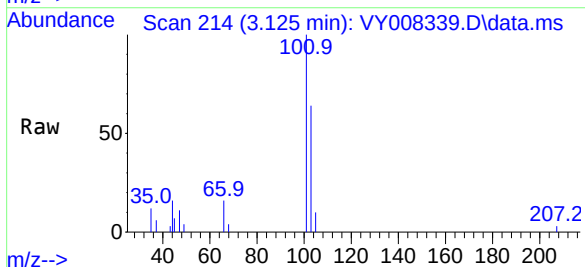
Instrument :
MSVOA_Y
ClientSampleId :
CL-9-11.5

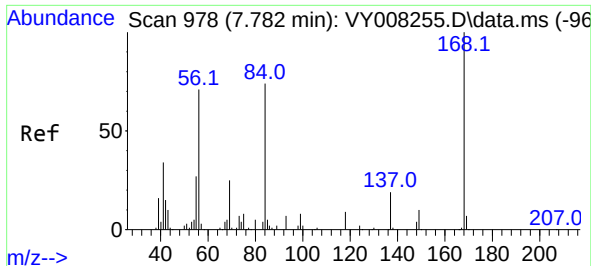
Tgt Ion:168 Resp: 100309
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#7
Trichlorofluoromethane
Concen: 2.556 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

Tgt Ion:101 Resp: 4346
Ion Ratio Lower Upper
101 100
103 63.5 48.0 72.0

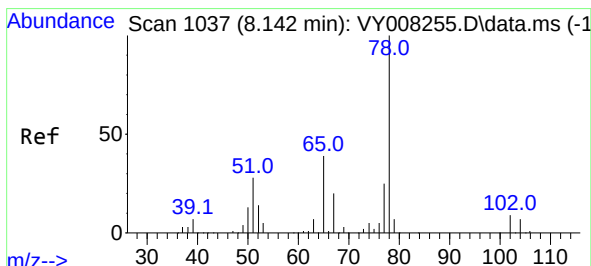
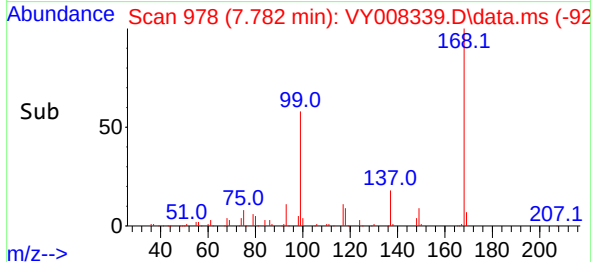
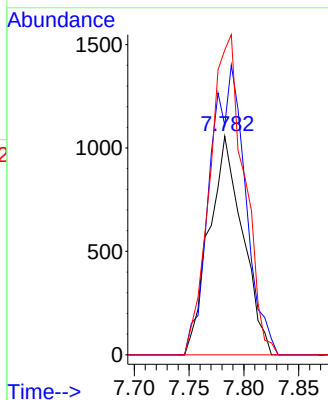
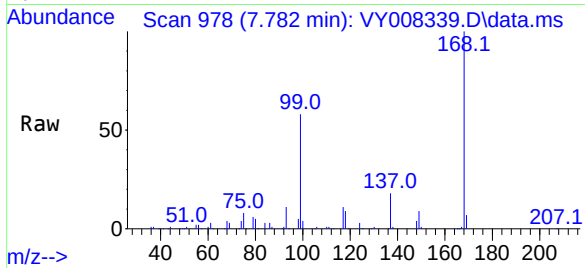




#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

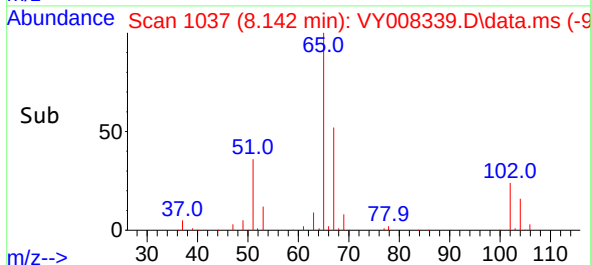
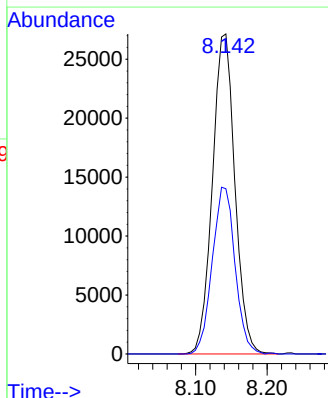
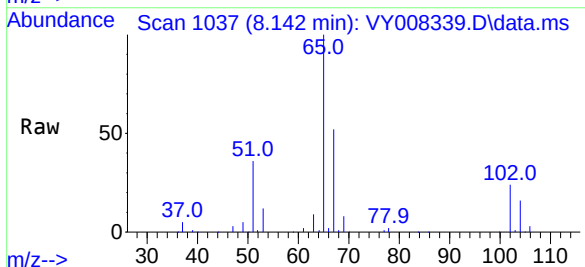
Instrument :
MSVOA_Y
ClientSampleId :
CL-9-11.5

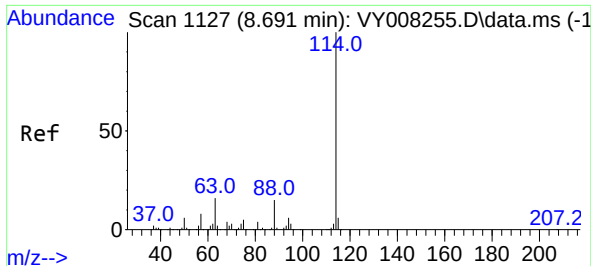
Tgt Ion: 56 Resp: 2256
Ion Ratio Lower Upper
56 100
69 104.9 26.7 40.1#
84 139.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.953 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

Tgt Ion: 65 Resp: 59316
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008339.D

Acq: 14 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

CL-9-11.5

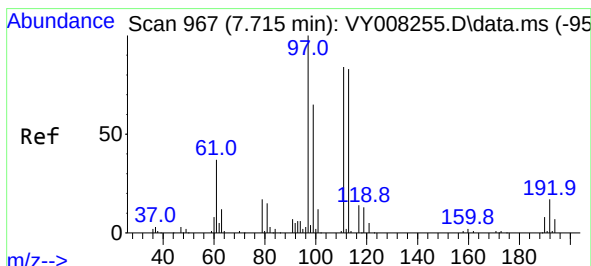
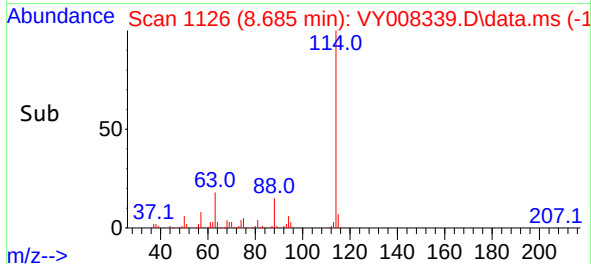
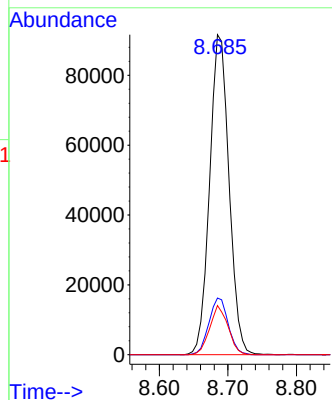
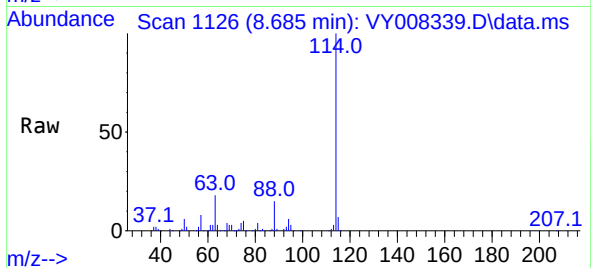
Tgt Ion:114 Resp: 180365

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.825 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008339.D

Acq: 14 Apr 2022 19:45

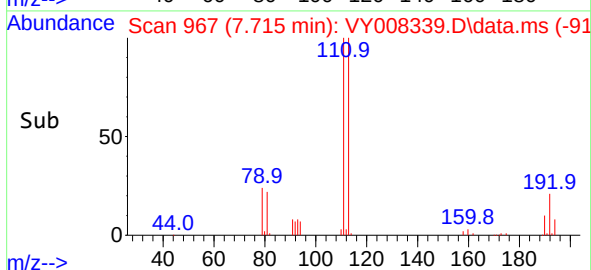
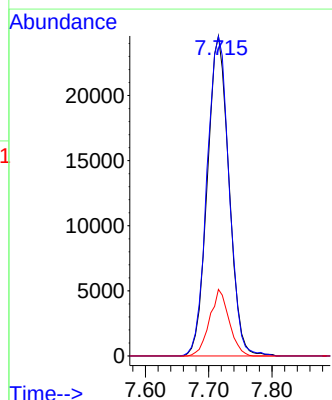
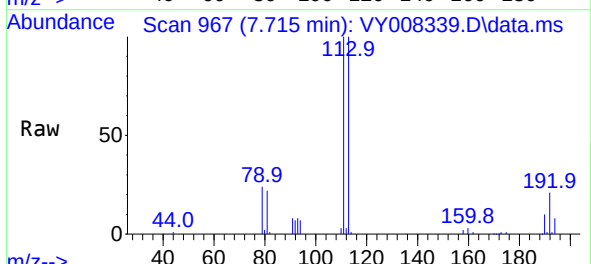
Tgt Ion:113 Resp: 58156

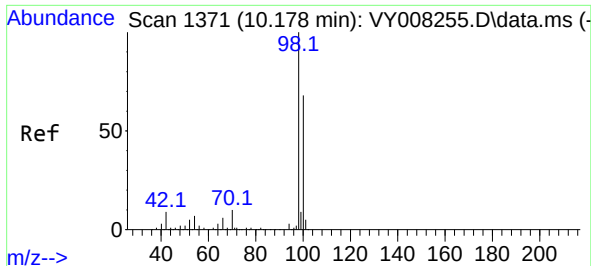
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 18.8 17.6 26.4

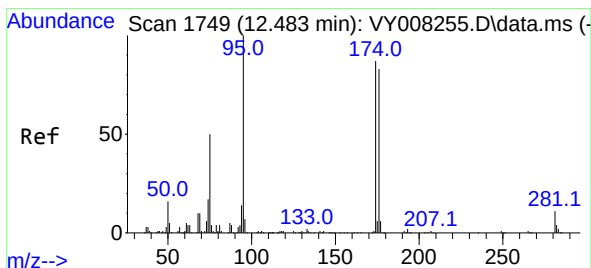
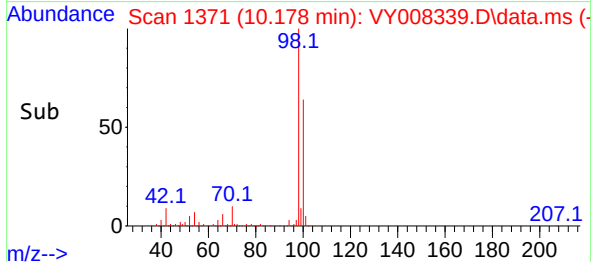
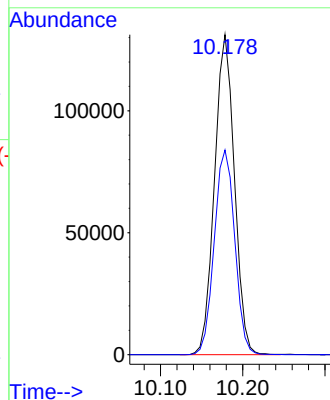
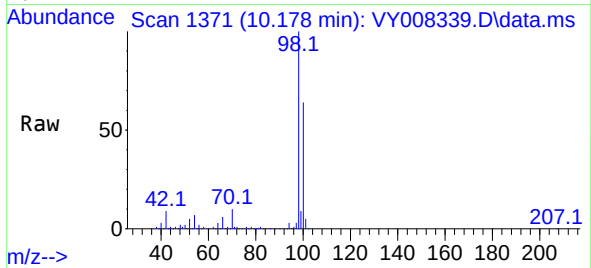




#50
Toluene-d8
Concen: 61.957 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

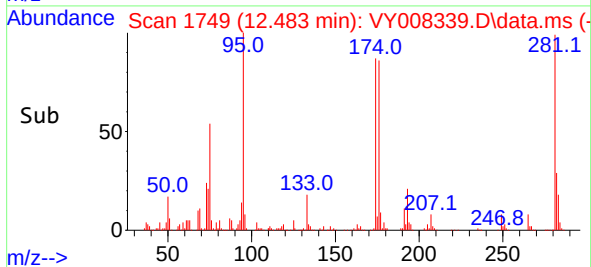
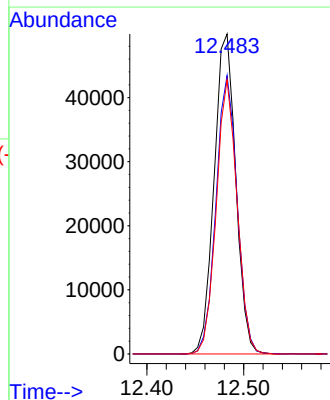
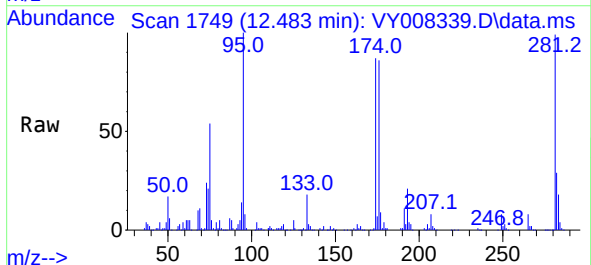
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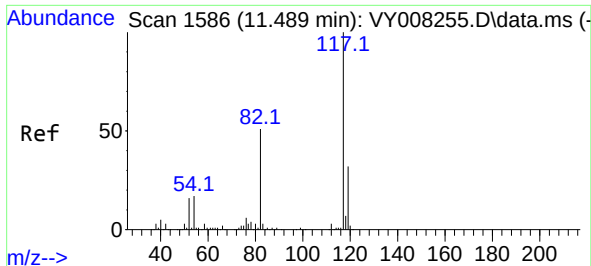
Tgt Ion: 98 Resp: 220856
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 57.751 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

Tgt Ion: 95 Resp: 77431
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 82.1 0.0 175.8

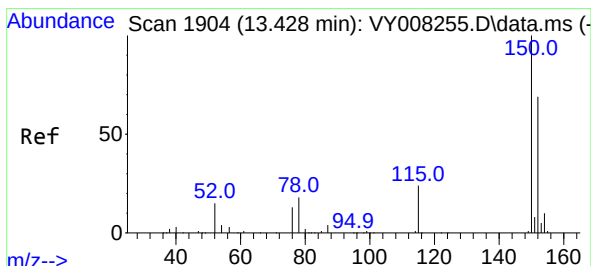
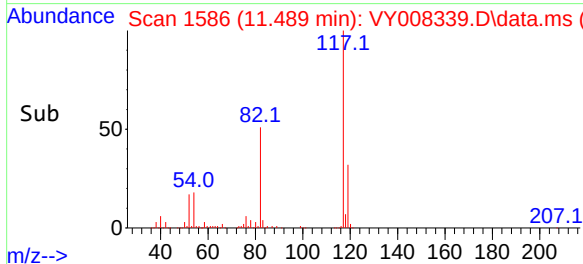
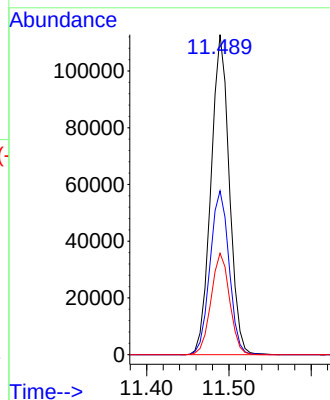
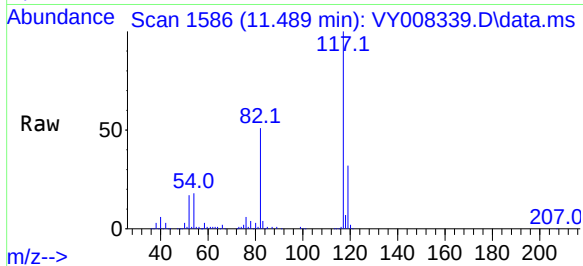




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :
CL-9-11.5

Tgt Ion:117 Resp: 174772
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 31.7 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: VY008339.D
Acq: 14 Apr 2022 19:45

Tgt Ion:152 Resp: 78732
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 157.2 0.0 347.6

