

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
 Data File : VY008274.D
 Acq On : 11 Apr 2022 15:43
 Operator : KP/MD
 Sample : N2340-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-14.5-15.0

Quant Time: Apr 12 06:58:56 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)

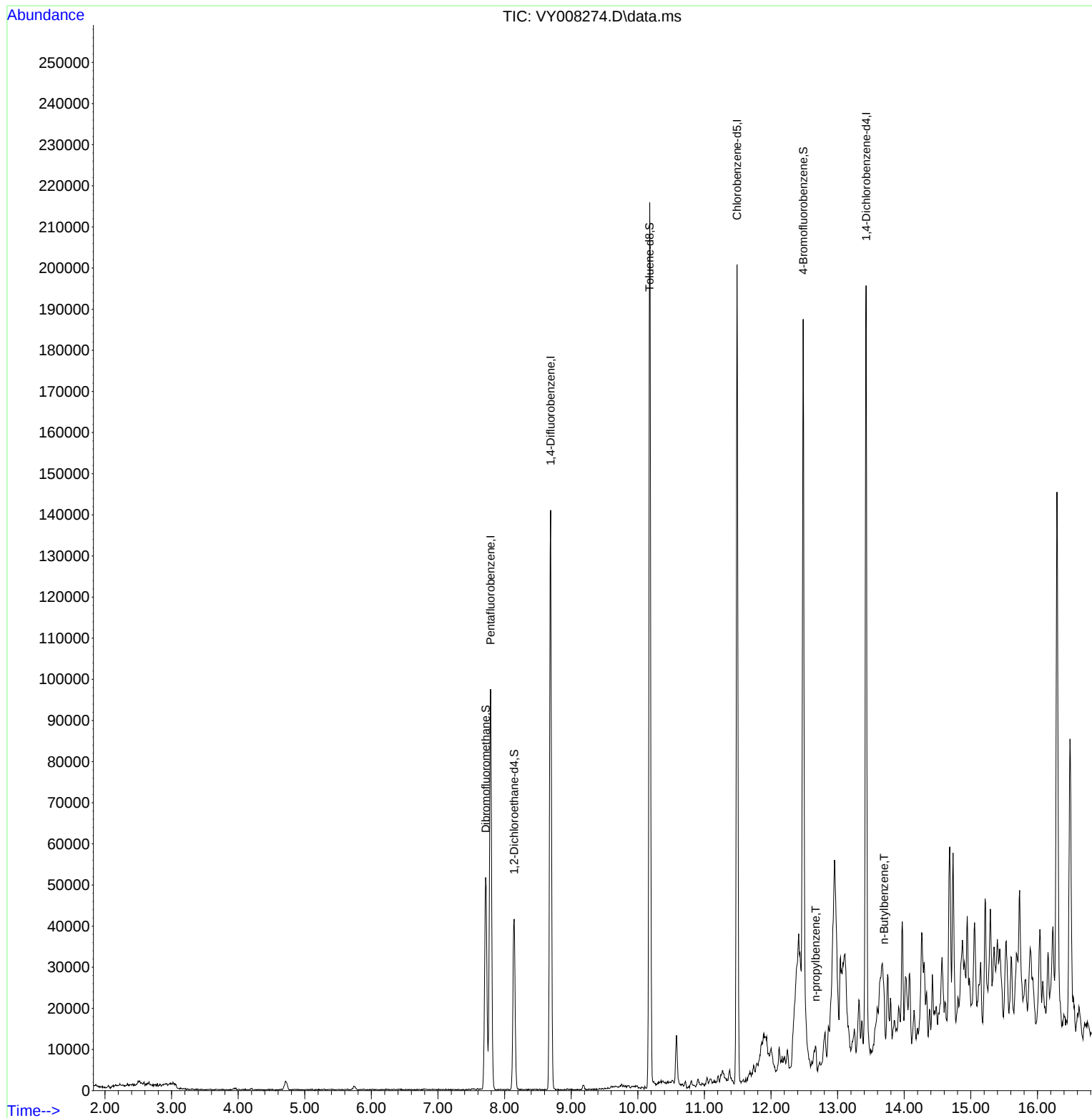
Internal Standards						
1) Pentafluorobenzene	7.789	168	76116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	125433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	110800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	33468	46.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.620%
35) Dibromofluoromethane	7.716	113	37626	51.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.880%
50) Toluene-d8	10.179	98	148713	59.989	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.980%
62) 4-Bromofluorobenzene	12.483	95	46789	50.180	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.360%
Target Compounds						
					Qvalue	
78) n-propylbenzene	12.672	91	4998	1.168	ug/l	95
89) n-Butylbenzene	13.696	91	4070	1.365	ug/l #	87

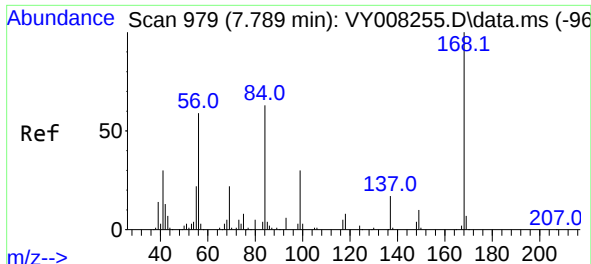
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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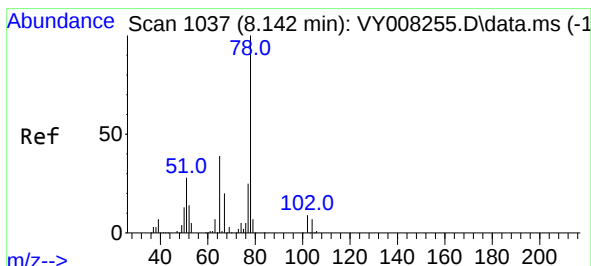
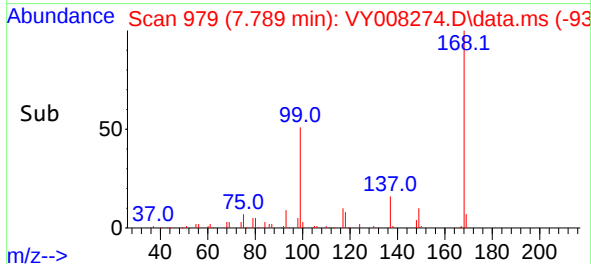
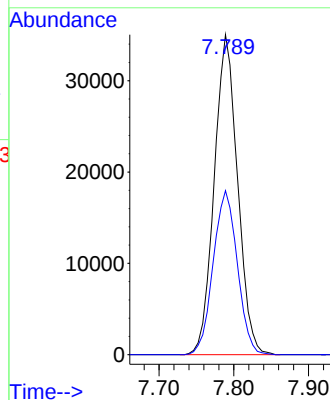
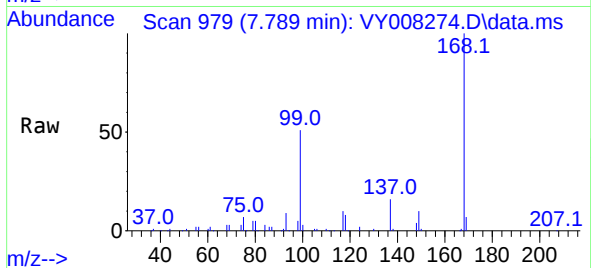




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008274.D
Acq: 11 Apr 2022 15:43

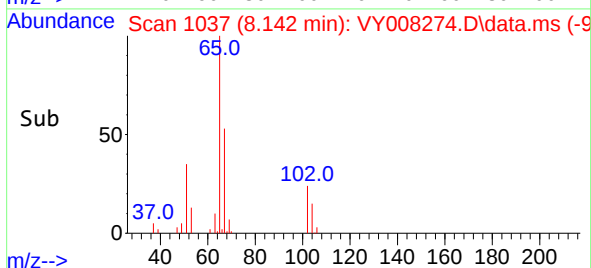
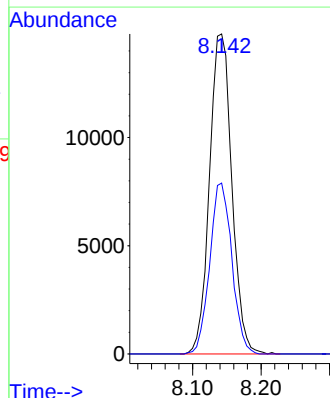
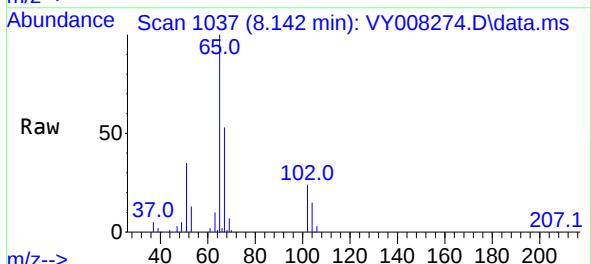
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-14.5-15.0

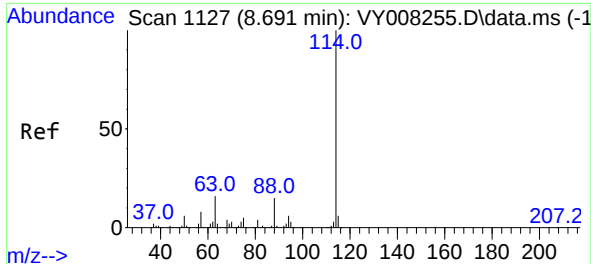
Tgt Ion:168 Resp: 76116
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.810 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008274.D
Acq: 11 Apr 2022 15:43

Tgt Ion: 65 Resp: 33468
Ion Ratio Lower Upper
65 100
67 52.9 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: VY008274.D

Acq: 11 Apr 2022 15:43

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-14.5-15.0

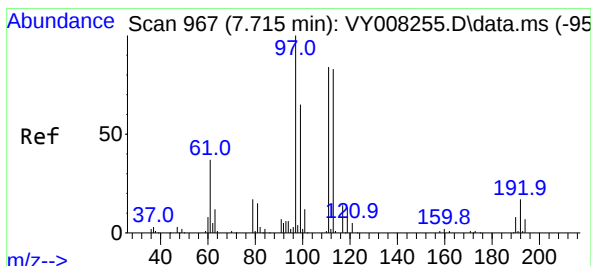
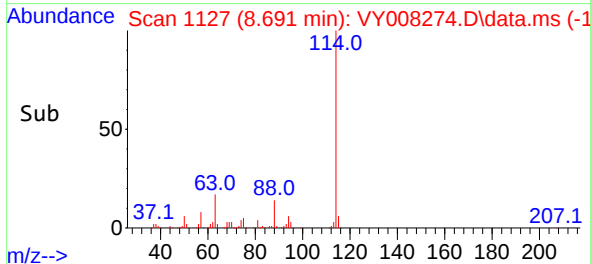
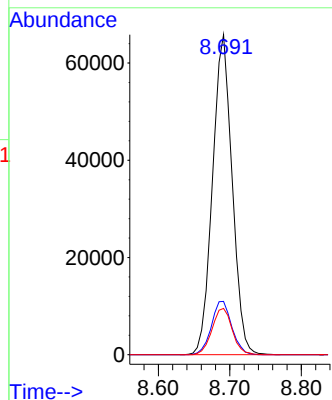
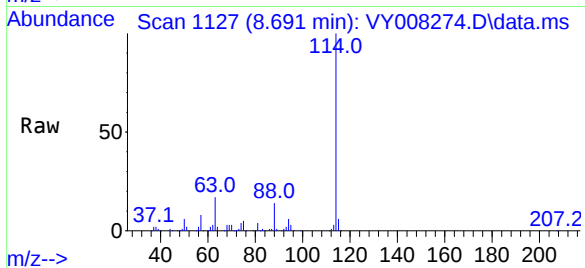
Tgt Ion:114 Resp: 125433

Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.935 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008274.D

Acq: 11 Apr 2022 15:43

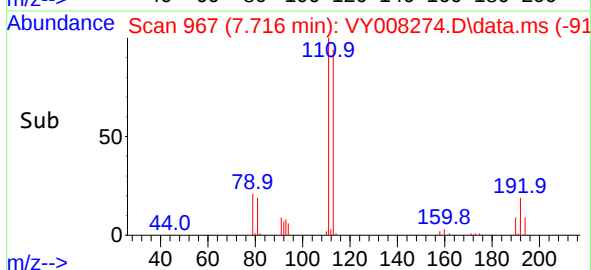
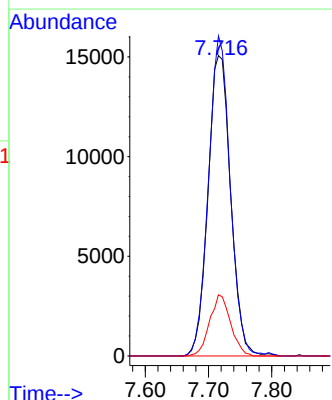
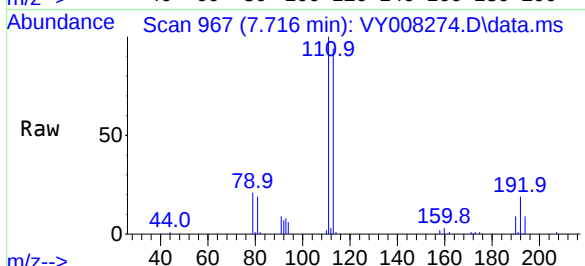
Tgt Ion:113 Resp: 37626

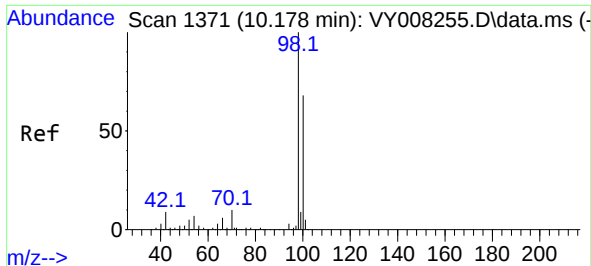
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 18.8 17.6 26.4

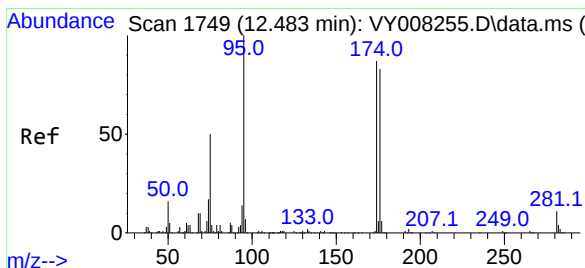
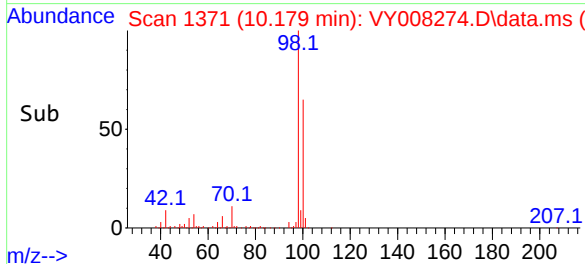
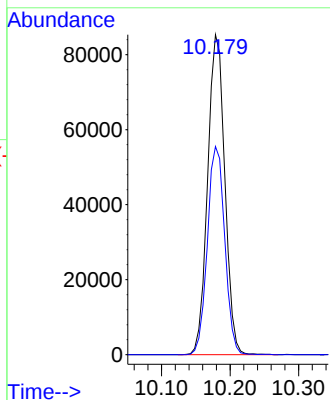
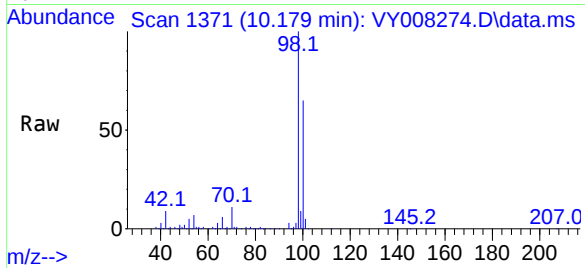




#50
Toluene-d8
Concen: 59.989 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008274.D
Acq: 11 Apr 2022 15:43

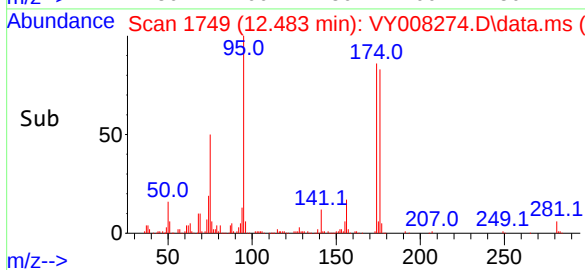
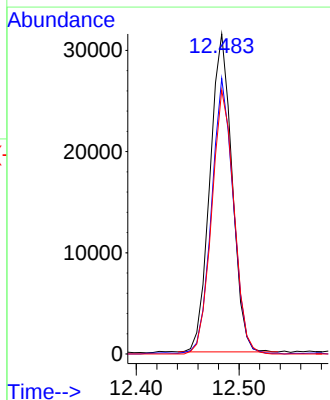
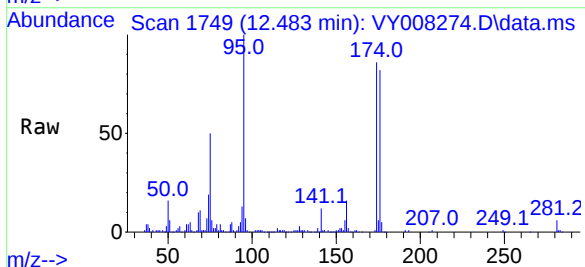
Instrument :
MSVOA_Y
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SB-06-14.5-15.0

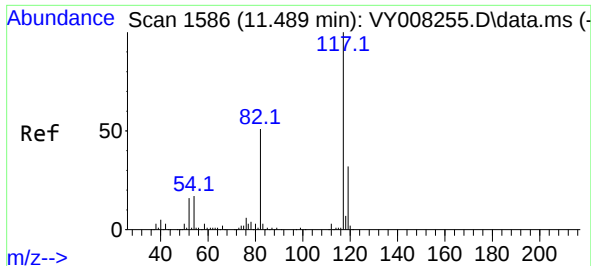
Tgt Ion: 98 Resp: 148713
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.180 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008274.D
Acq: 11 Apr 2022 15:43

Tgt Ion: 95 Resp: 46789
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 83.6 0.0 175.8

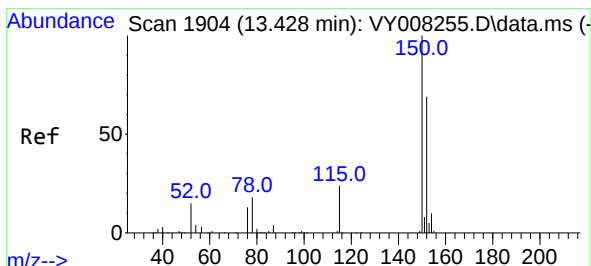
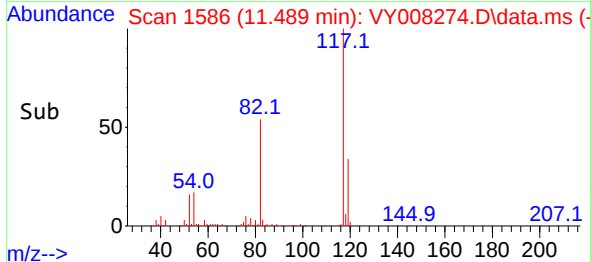
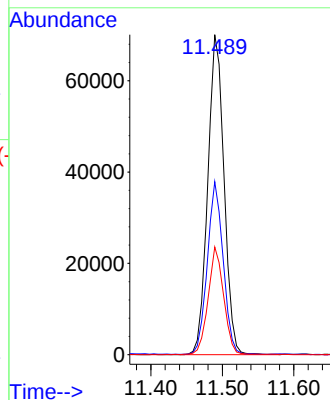
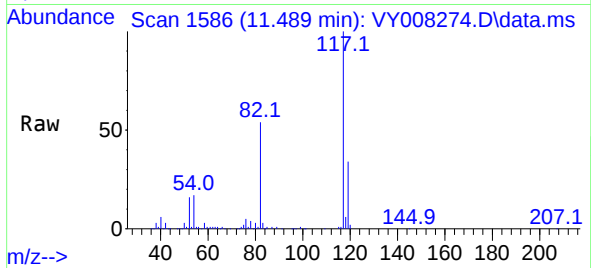




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008274.D
Acq: 11 Apr 2022 15:43

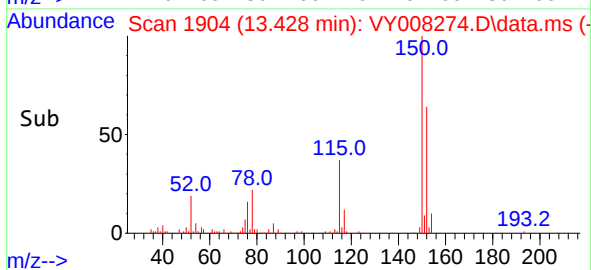
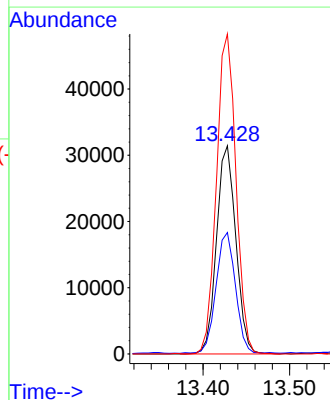
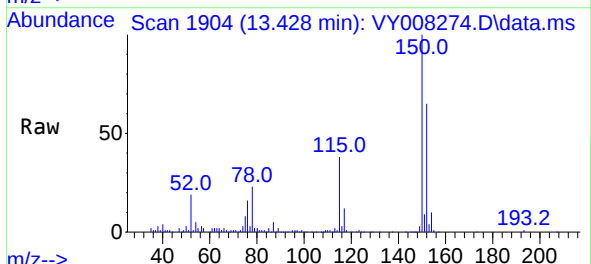
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-14.5-15.0

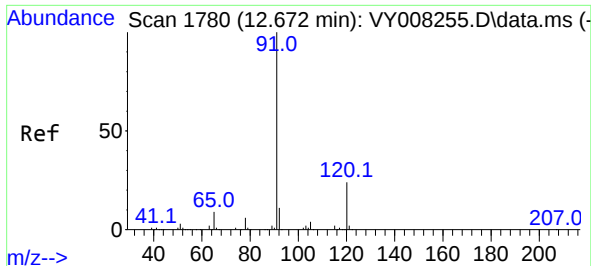
Tgt Ion:117 Resp: 110800
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 33.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008274.D
Acq: 11 Apr 2022 15:43

Tgt Ion:152 Resp: 48771
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 154.7 0.0 347.6

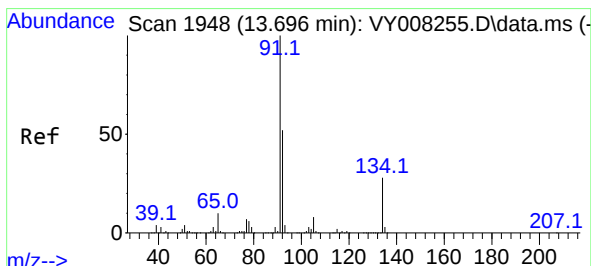
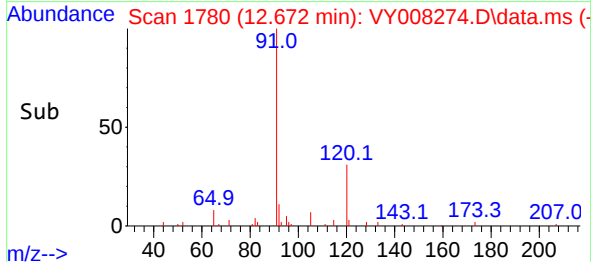
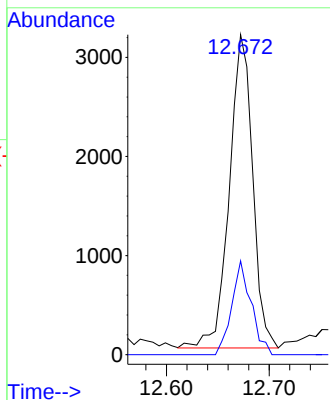
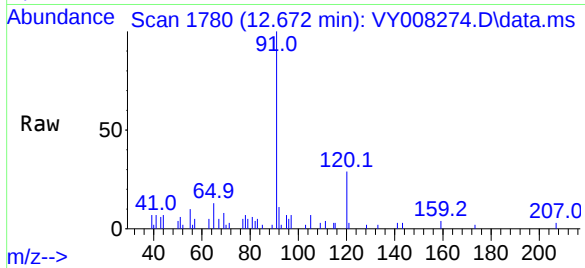




#78
n-propylbenzene
Concen: 1.168 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008274.D
Acq: 11 Apr 2022 15:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-14.5-15.0

Tgt Ion: 91 Resp: 4998
Ion Ratio Lower Upper
91 100
120 24.8 11.3 33.9



#89
n-Butylbenzene
Concen: 1.365 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008274.D
Acq: 11 Apr 2022 15:43

Tgt Ion: 91 Resp: 4070
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.9
134 45.9 13.0 38.9

