

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007395.D
 Acq On : 04 Feb 2022 15:26
 Operator : SY/MD
 Sample : N1384-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 26982

Quant Time: Feb 06 23:35:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

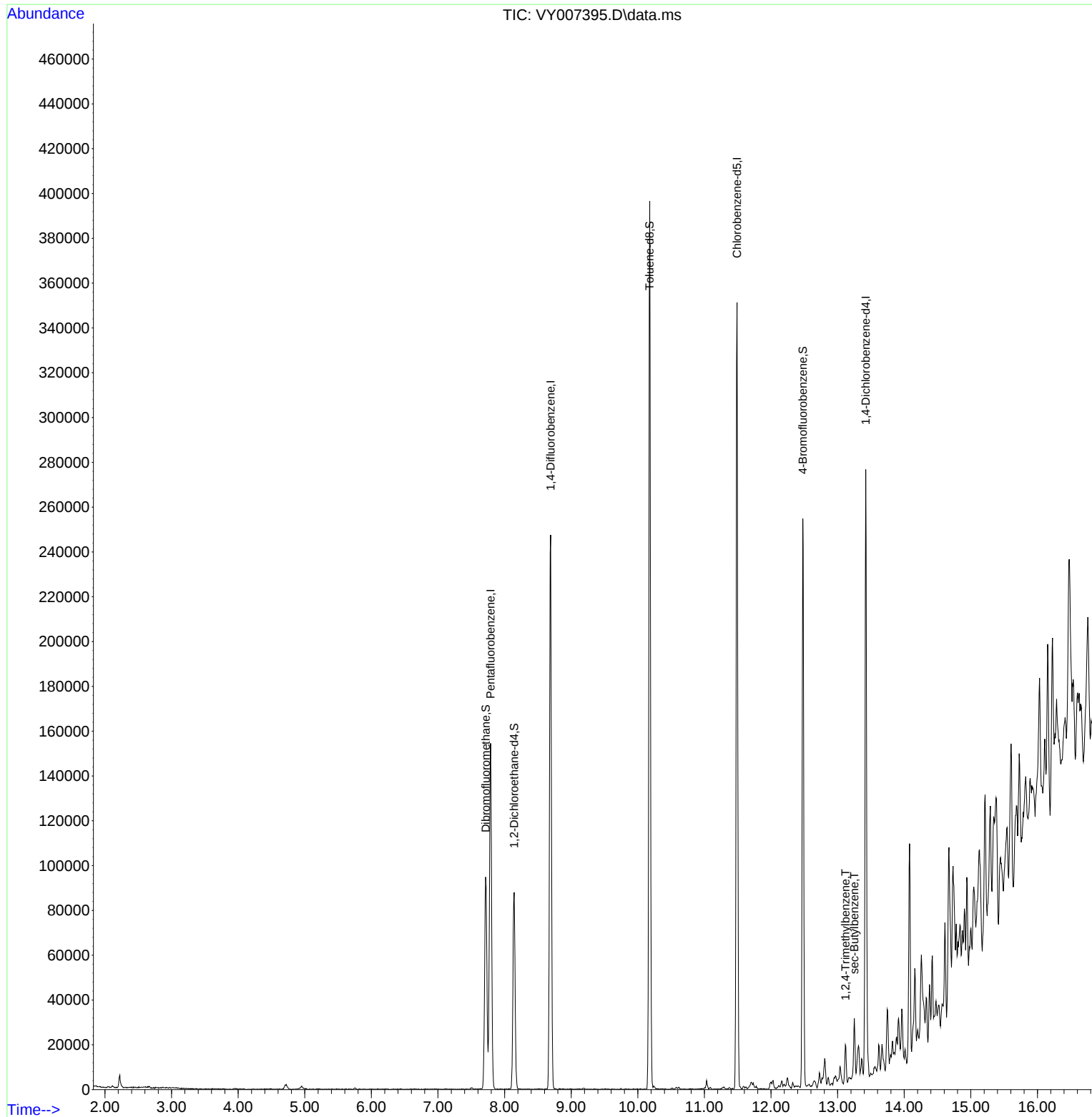
Internal Standards						
1) Pentafluorobenzene	7.789	168	110900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70081	54.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.880%
35) Dibromofluoromethane	7.716	113	67708	50.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.660%
50) Toluene-d8	10.179	98	249686	50.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.477	95	79955	47.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.600%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.117	105	9107	1.923	ug/l	94
85) sec-Butylbenzene	13.251	105	16807	2.676	ug/l	99

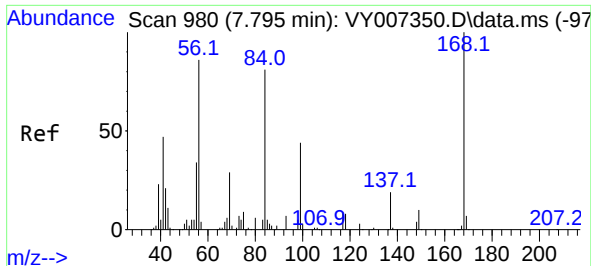
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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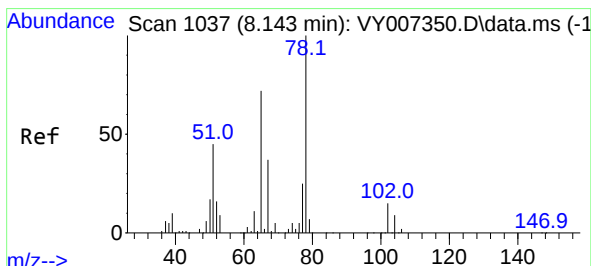
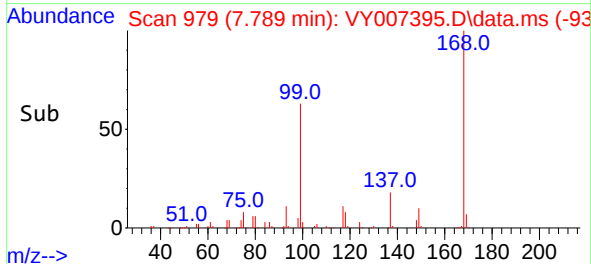
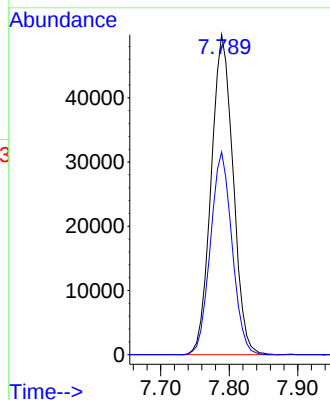
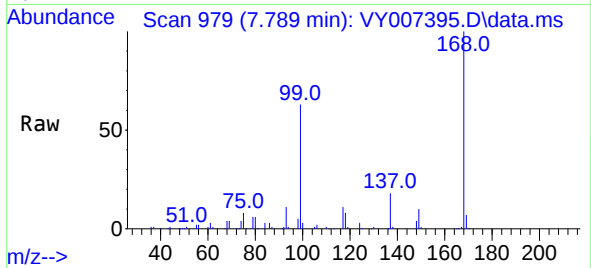




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007395.D
Acq: 04 Feb 2022 15:26

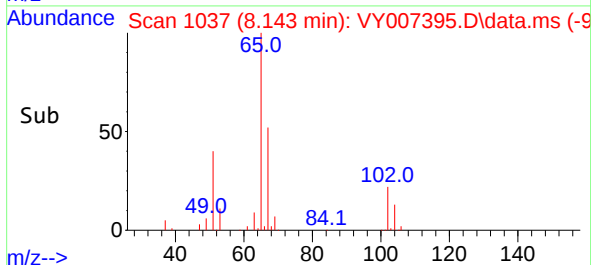
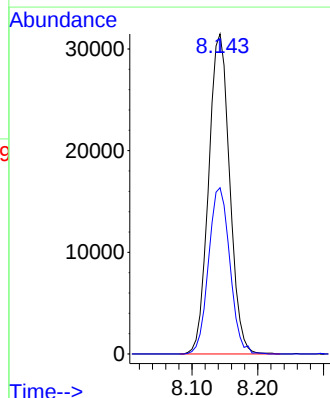
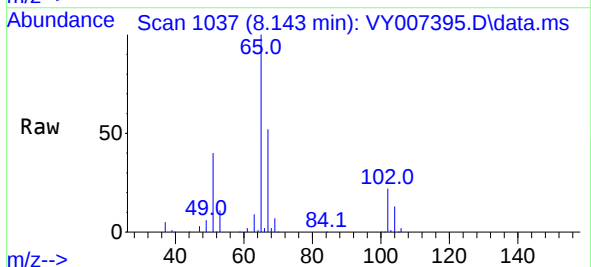
Instrument :
MSVOA_Y
ClientSampleId :
26982

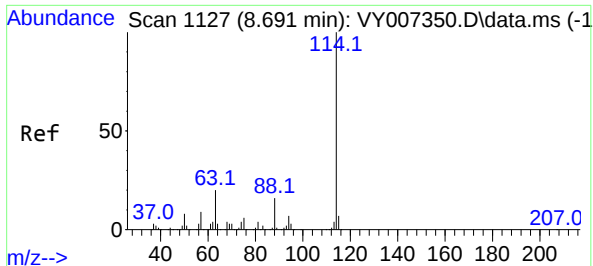
Tgt Ion:168 Resp: 110900
Ion Ratio Lower Upper
168 100
99 63.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.939 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007395.D
Acq: 04 Feb 2022 15:26

Tgt Ion: 65 Resp: 70081
Ion Ratio Lower Upper
65 100
67 52.5 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: VY007395.D

Acq: 04 Feb 2022 15:26

Instrument :

MSVOA_Y

ClientSampleId :

26982

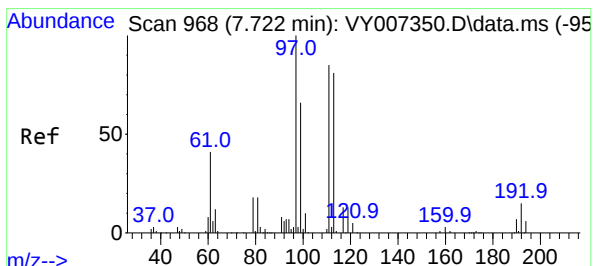
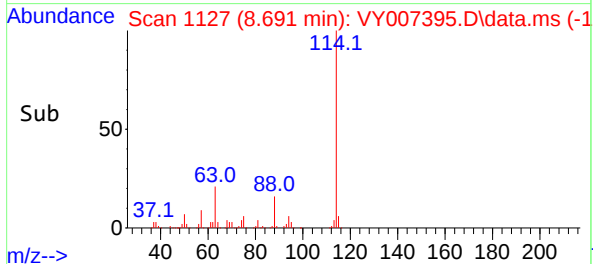
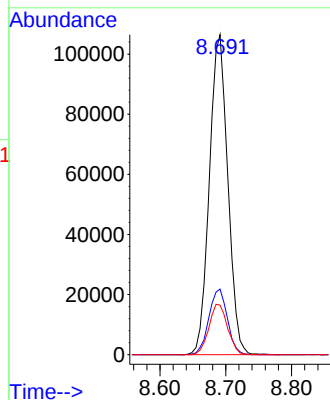
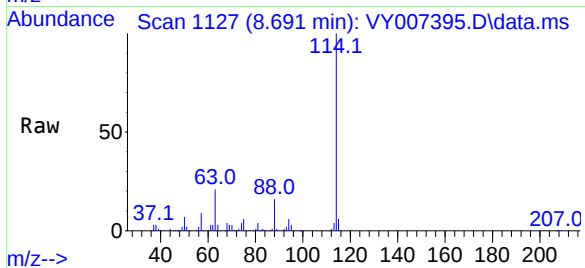
Tgt Ion:114 Resp: 207443

Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.829 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007395.D

Acq: 04 Feb 2022 15:26

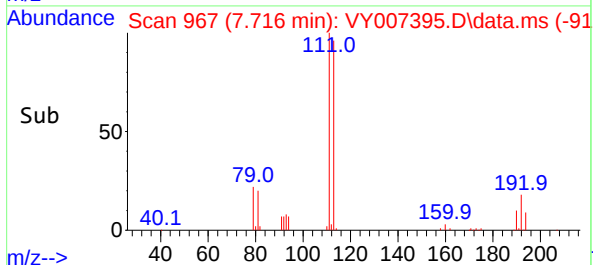
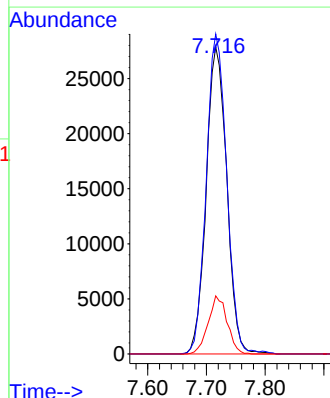
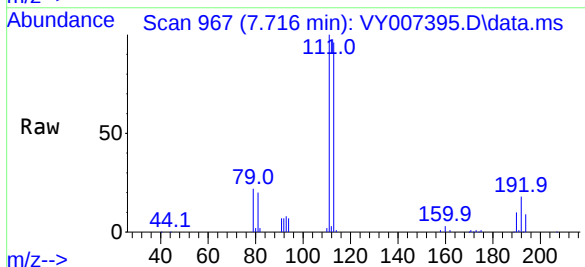
Tgt Ion:113 Resp: 67708

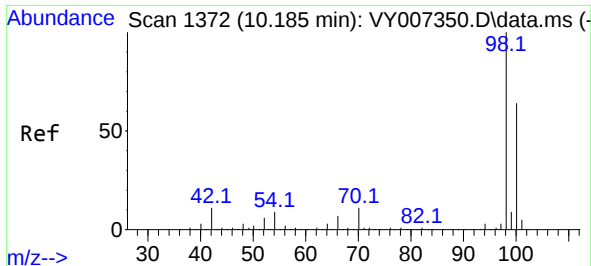
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 17.5 17.6 26.4#

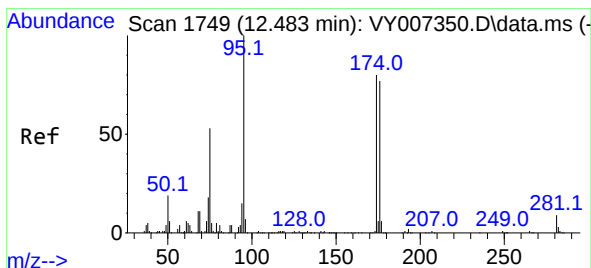
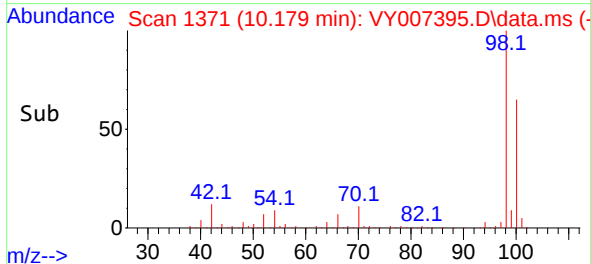
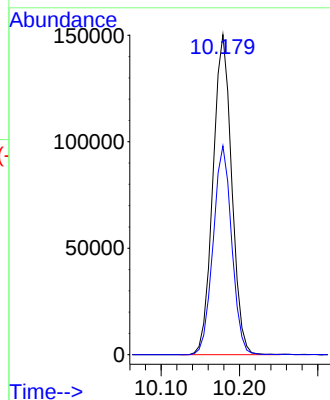
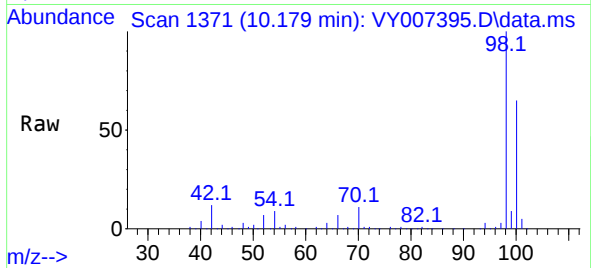




#50
Toluene-d8
Concen: 50.735 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007395.D
Acq: 04 Feb 2022 15:26

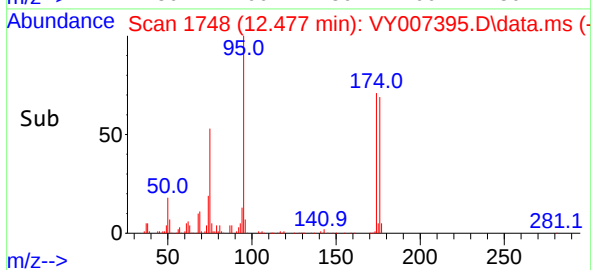
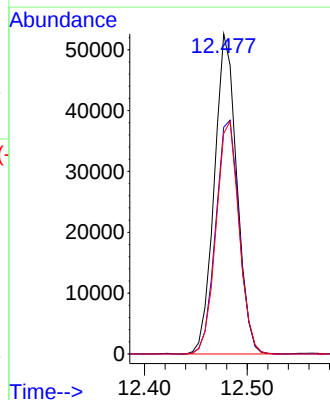
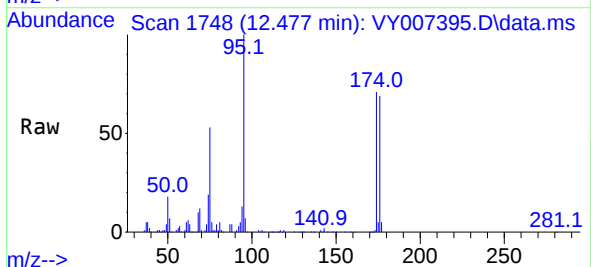
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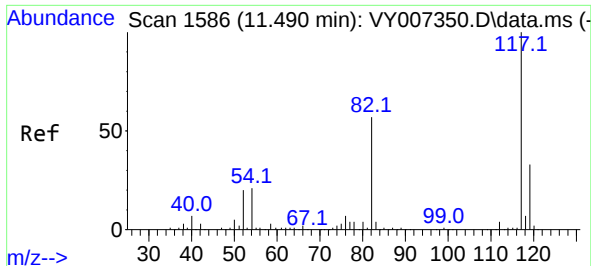
Tgt Ion: 98 Resp: 249686
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.800 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007395.D
Acq: 04 Feb 2022 15:26

Tgt Ion: 95 Resp: 79955
Ion Ratio Lower Upper
95 100
174 76.1 0.0 177.0
176 73.9 0.0 175.8

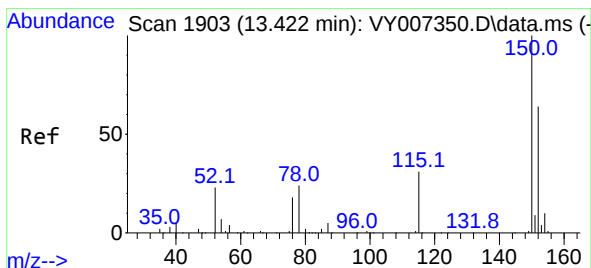
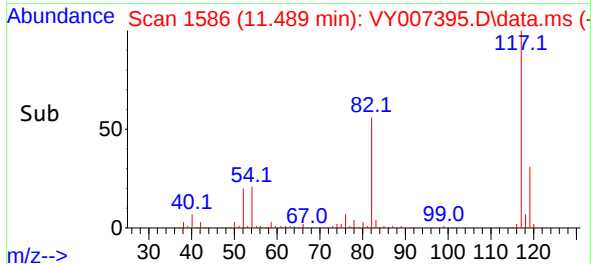
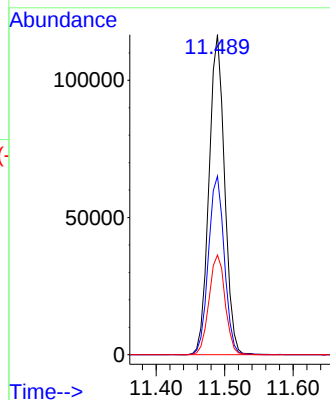
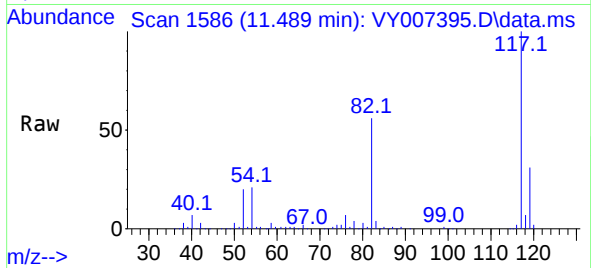




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007395.D
Acq: 04 Feb 2022 15:26

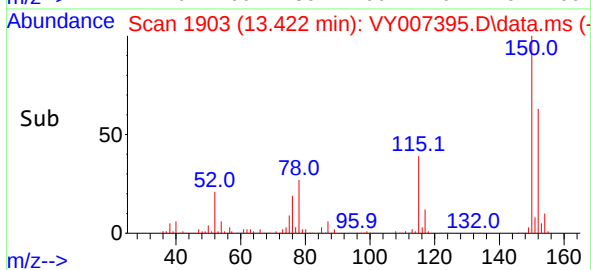
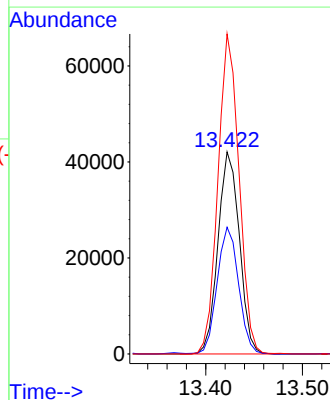
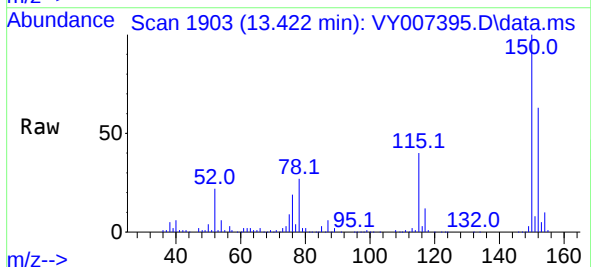
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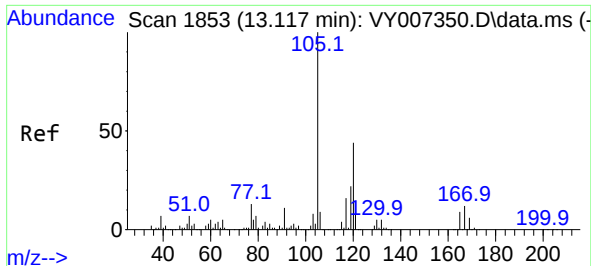
Tgt Ion:117 Resp: 184905
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007395.D
Acq: 04 Feb 2022 15:26

Tgt Ion:152 Resp: 64525
Ion Ratio Lower Upper
152 100
115 63.0 28.2 84.7
150 156.2 0.0 347.6

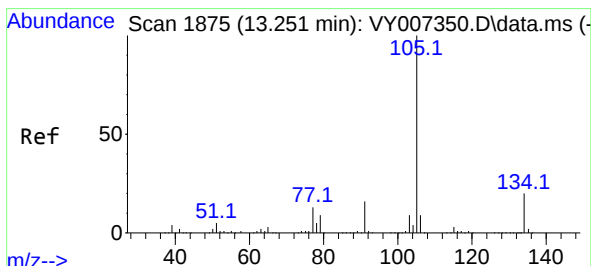
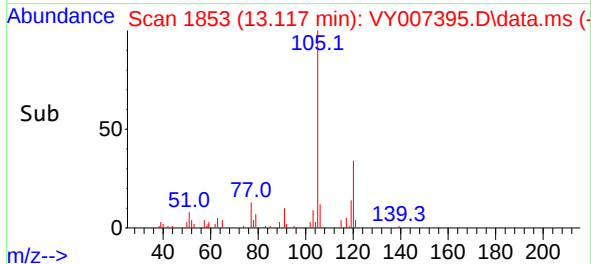
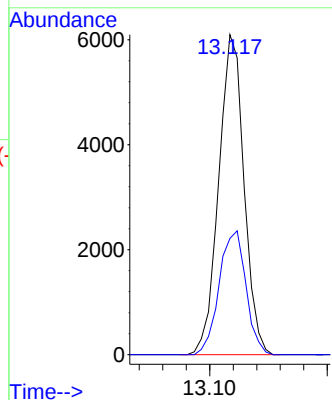
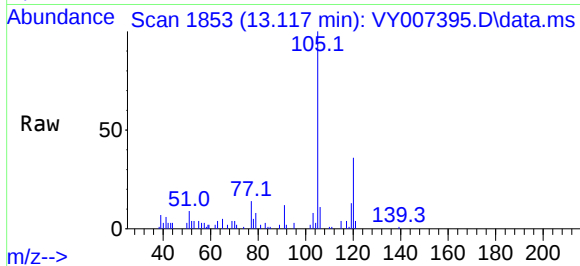




#84
1,2,4-Trimethylbenzene
Concen: 1.923 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY007395.D
Acq: 04 Feb 2022 15:26

Instrument :
MSVOA_Y
ClientSampleId :
26982

Tgt Ion:105 Resp: 9107
Ion Ratio Lower Upper
105 100
120 41.0 22.3 66.9



#85
sec-Butylbenzene
Concen: 2.676 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY007395.D
Acq: 04 Feb 2022 15:26

Tgt Ion:105 Resp: 16807
Ion Ratio Lower Upper
105 100
134 20.9 10.2 30.4

