

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007939.D
 Acq On : 19 Mar 2022 07:07
 Operator : SY/MD
 Sample : N1983-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124019

Quant Time: Mar 21 03:21:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

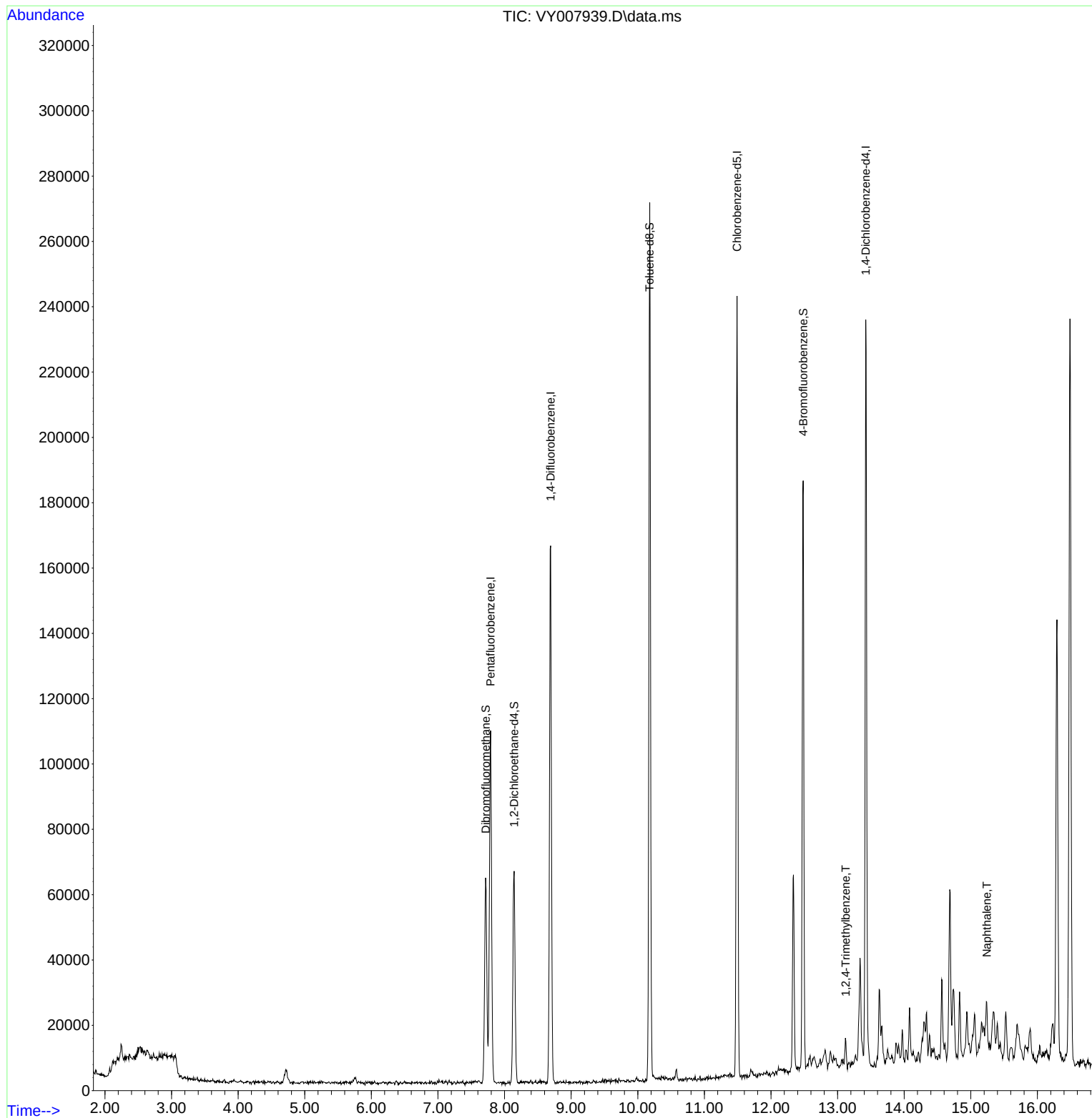
Internal Standards						
1) Pentafluorobenzene	7.789	168	79042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	141447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	124909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48373	53.675	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.340%	
35) Dibromofluoromethane	7.716	113	44230	44.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.060%	
50) Toluene-d8	10.179	98	171226	58.030	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.060%	
62) 4-Bromofluorobenzene	12.483	95	60460	42.408	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.820%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.123	105	4540	1.187	ug/l	Qvalue 91
95) Naphthalene	15.239	128	12151	4.522	ug/l	96

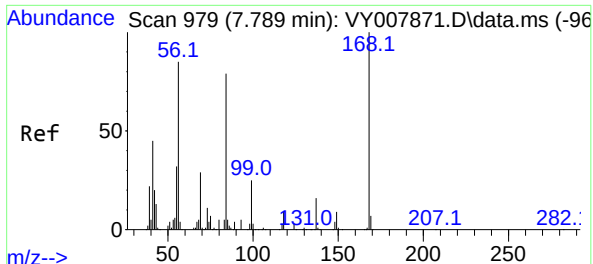
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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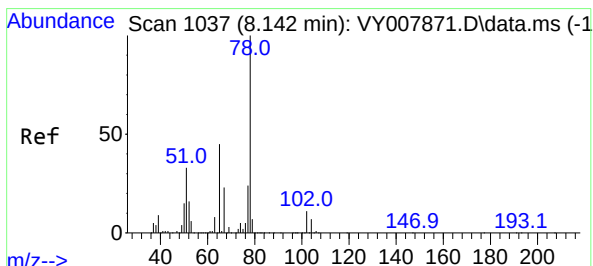
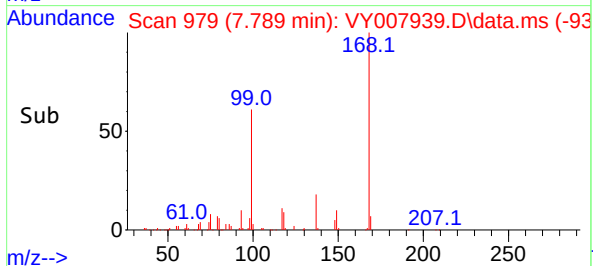
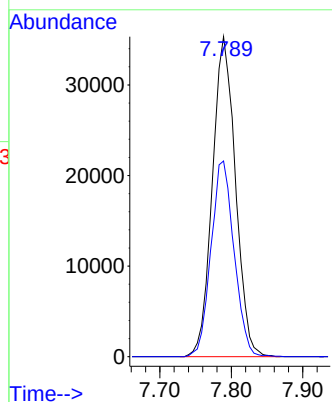
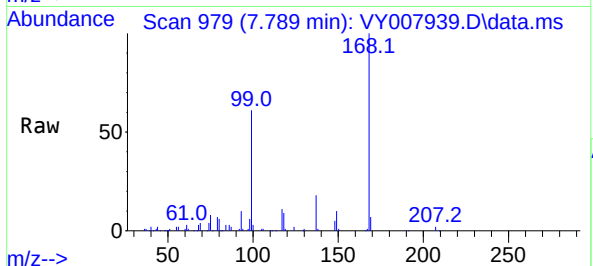




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007939.D
Acq: 19 Mar 2022 07:07

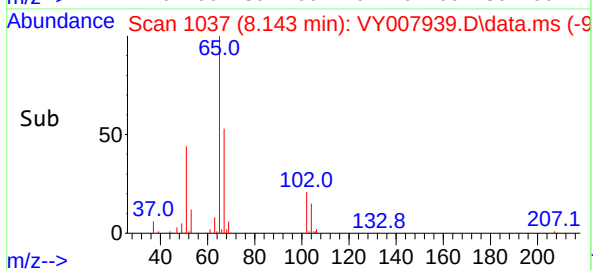
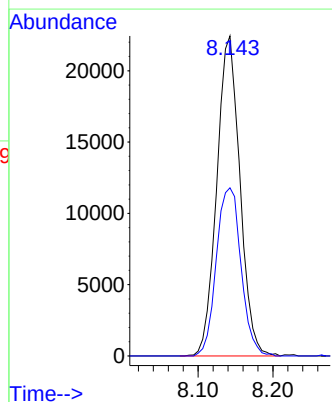
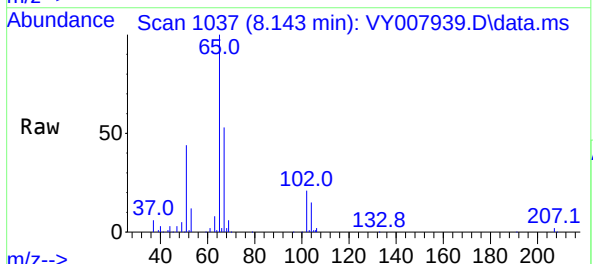
Instrument :
MSVOA_Y
ClientSampleId :
124019

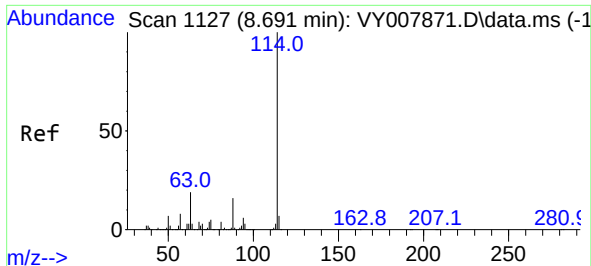
Tgt Ion:168 Resp: 79042
Ion Ratio Lower Upper
168 100
99 61.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.675 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007939.D
Acq: 19 Mar 2022 07:07

Tgt Ion: 65 Resp: 48373
Ion Ratio Lower Upper
65 100
67 56.0 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: VY007939.D

Acq: 19 Mar 2022 07:07

Instrument :

MSVOA_Y

ClientSampleId :

124019

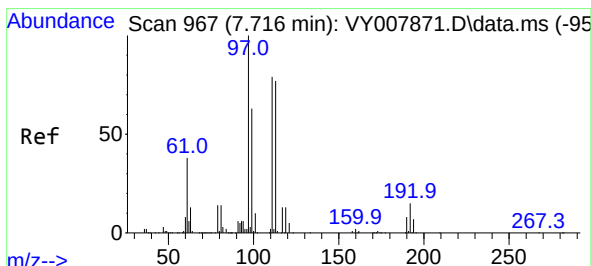
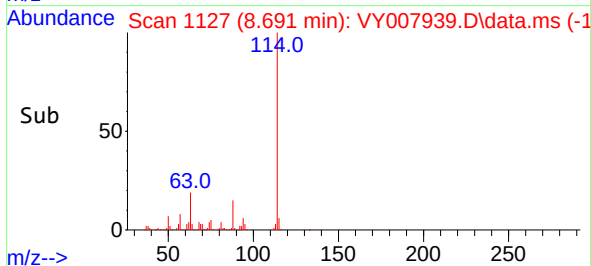
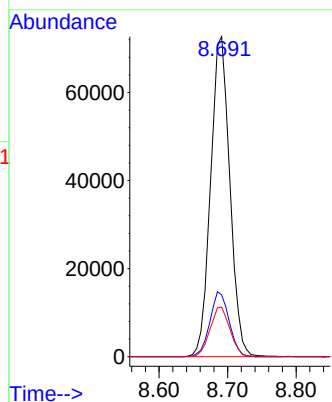
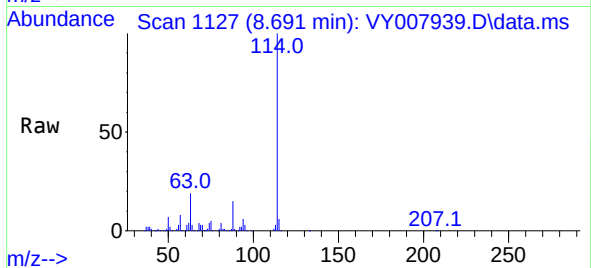
Tgt Ion:114 Resp: 141447

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.525 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007939.D

Acq: 19 Mar 2022 07:07

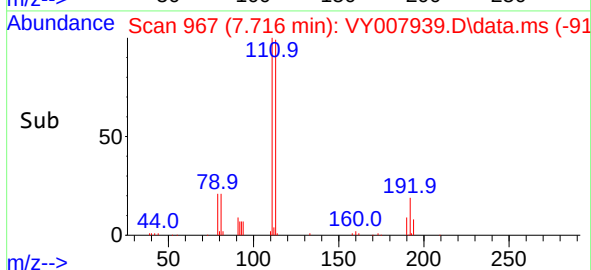
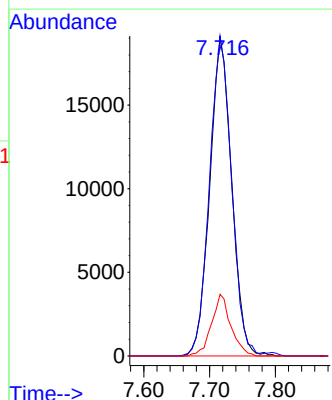
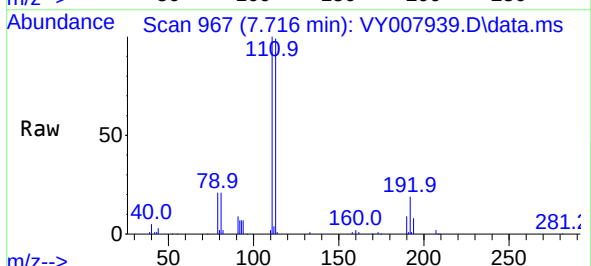
Tgt Ion:113 Resp: 44230

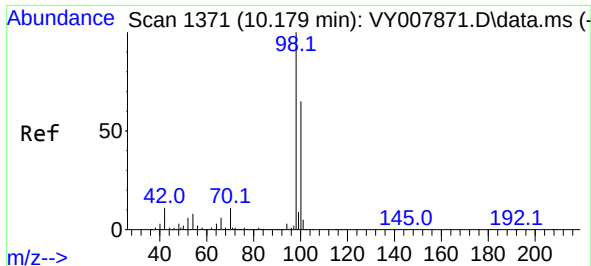
Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

192 17.1 17.6 26.4#

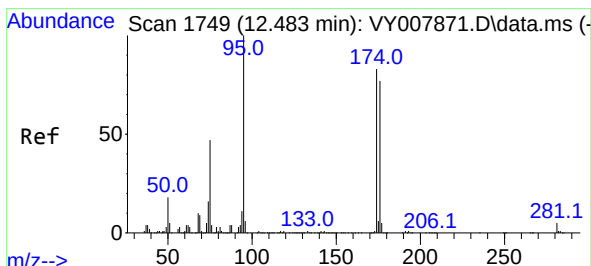
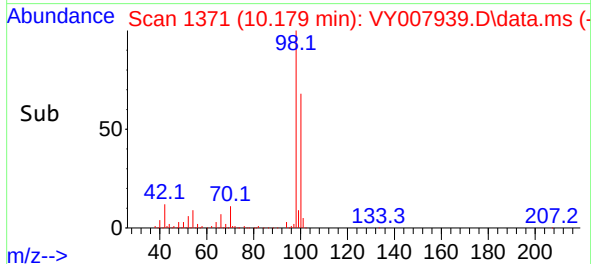
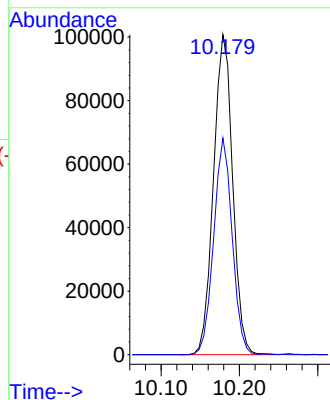
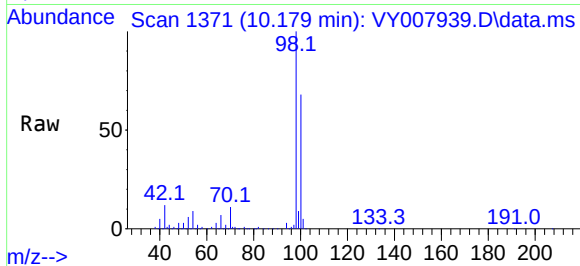




#50
Toluene-d8
Concen: 58.030 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007939.D
Acq: 19 Mar 2022 07:07

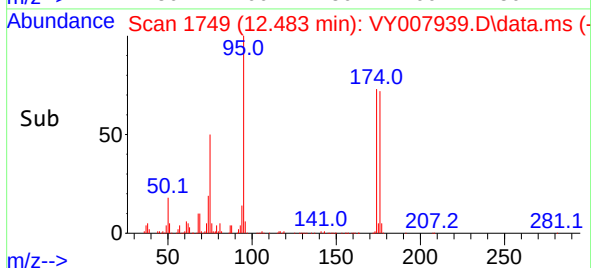
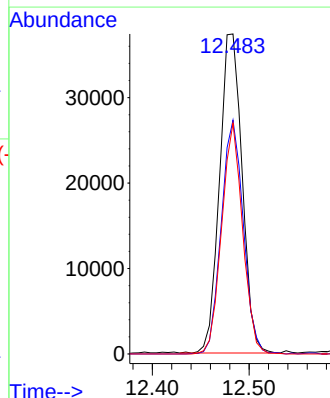
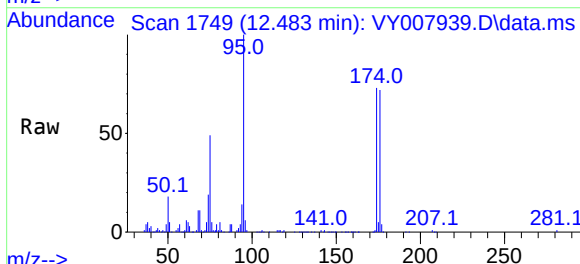
Instrument :
MSVOA_Y
ClientSampleId :
124019

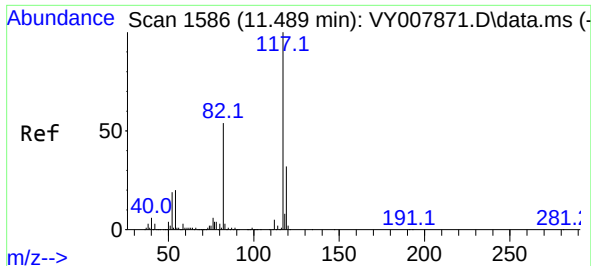
Tgt Ion: 98 Resp: 171226
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.408 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007939.D
Acq: 19 Mar 2022 07:07

Tgt Ion: 95 Resp: 60460
Ion Ratio Lower Upper
95 100
174 71.5 0.0 177.0
176 67.0 0.0 175.8

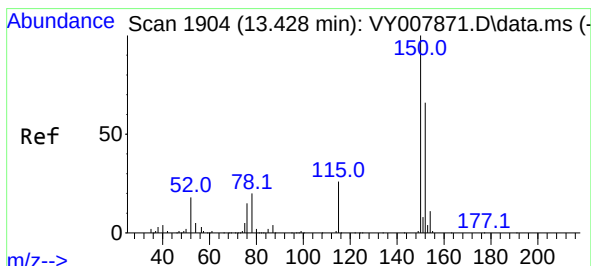
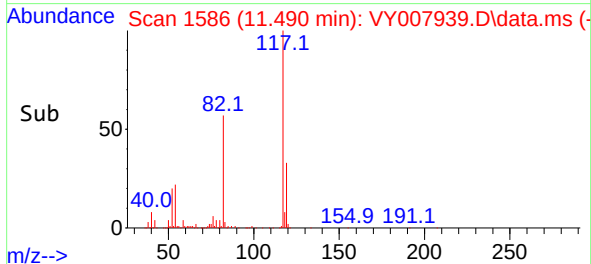
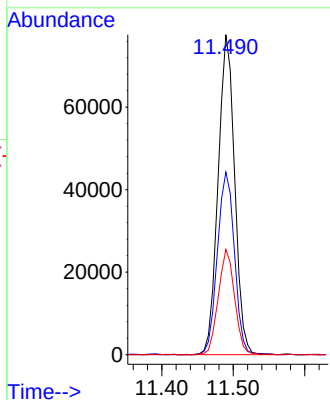
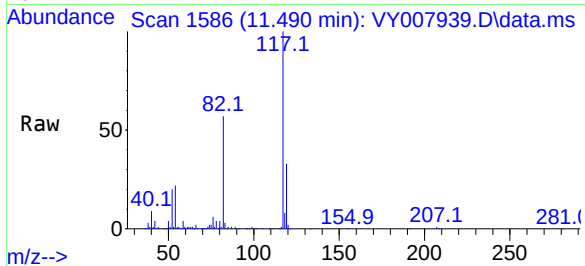




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007939.D
Acq: 19 Mar 2022 07:07

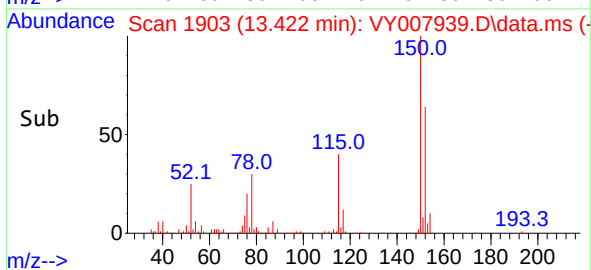
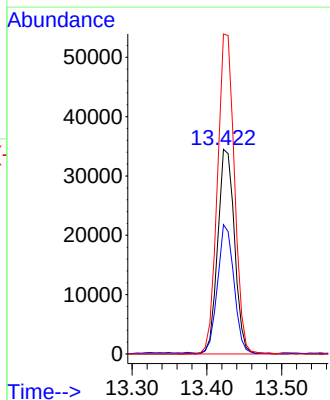
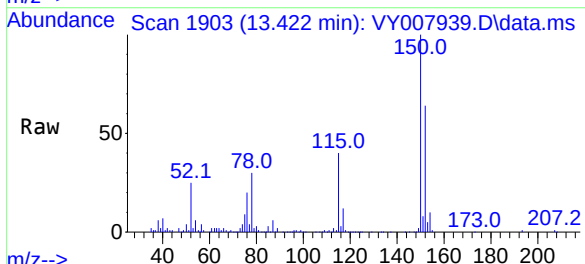
Instrument :
MSVOA_Y
ClientSampleId :
124019

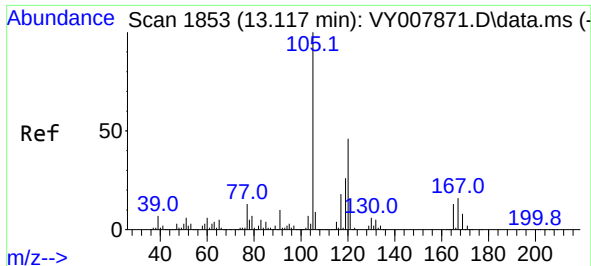
Tgt Ion:	117	Resp:	124909
Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.0	64.4
119	32.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY007939.D
Acq: 19 Mar 2022 07:07

Tgt Ion:	152	Resp:	53916
Ion	Ratio	Lower	Upper
152	100		
115	61.7	28.2	84.7
150	158.5	0.0	347.6

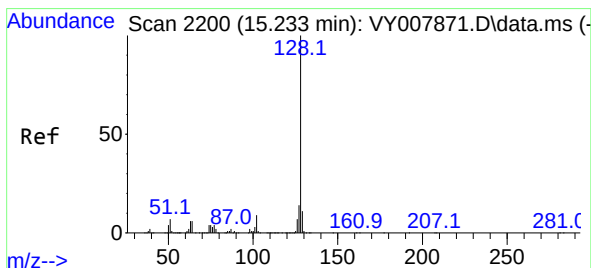
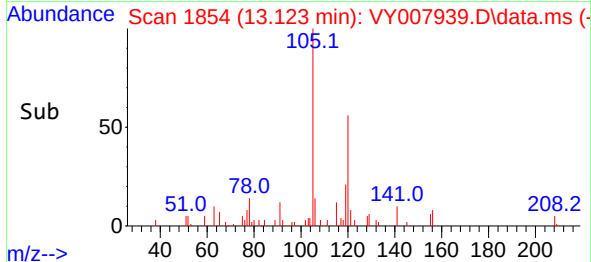
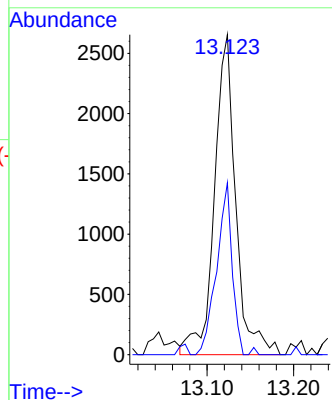
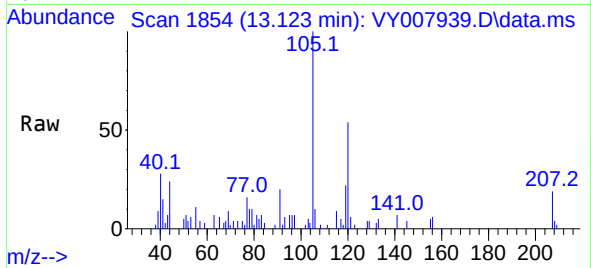




#84
1,2,4-Trimethylbenzene
Concen: 1.187 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007939.D
Acq: 19 Mar 2022 07:07

Instrument :
MSVOA_Y
ClientSampleId :
124019

Tgt Ion:105 Resp: 4540
Ion Ratio Lower Upper
105 100
120 39.0 22.3 66.9



#95
Naphthalene
Concen: 4.522 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY007939.D
Acq: 19 Mar 2022 07:07

Tgt Ion:128 Resp: 12151
Ion Ratio Lower Upper
128 100
127 16.2 11.0 16.4
129 10.4 8.4 12.6

