

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007913.D
 Acq On : 18 Mar 2022 19:28
 Operator : SY/MD
 Sample : N1951-11
 Misc : 7.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLIND-DUPLICATE

Quant Time: Mar 19 01:39:01 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)

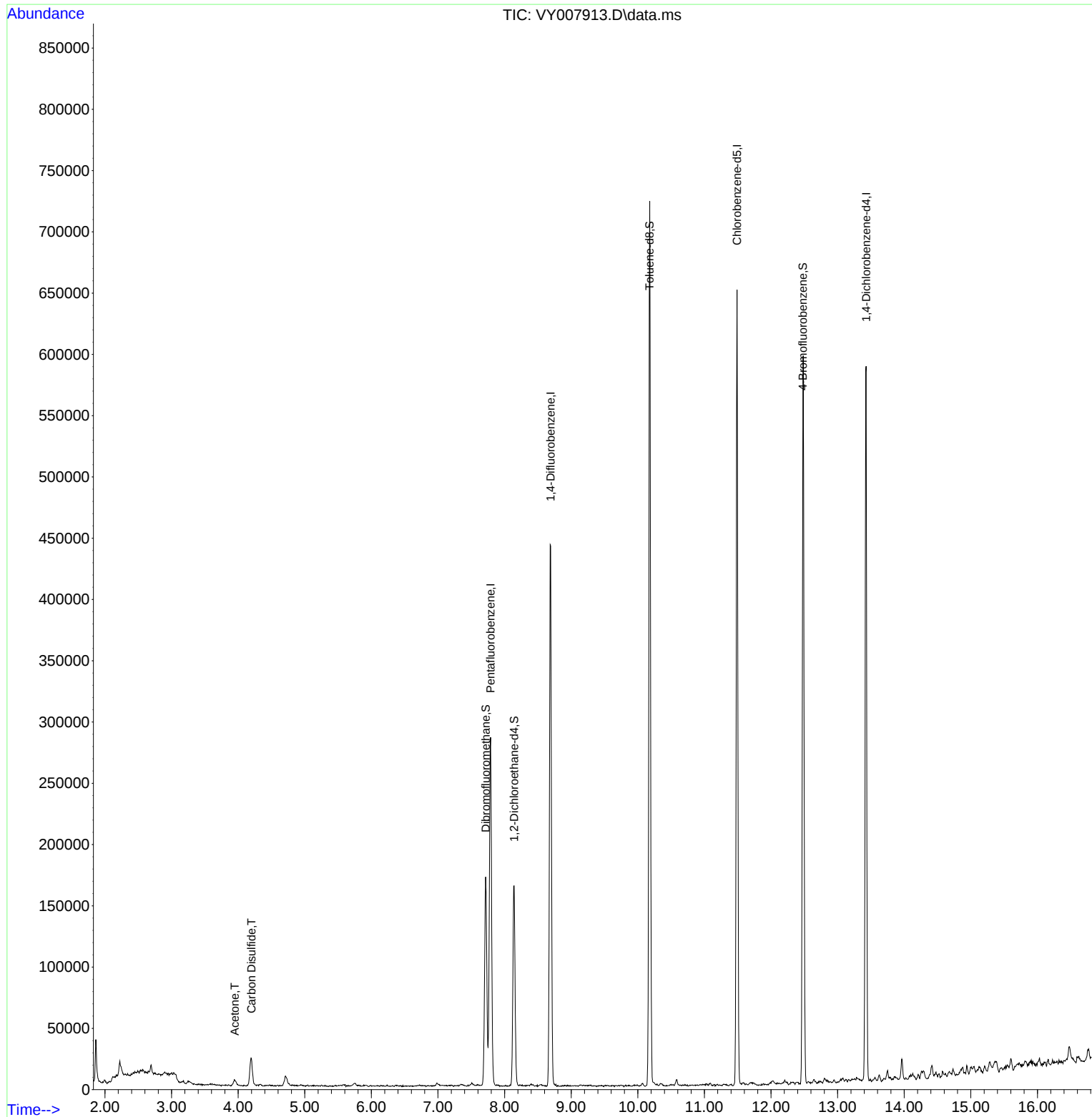
Internal Standards						
1) Pentafluorobenzene	7.789	168	216927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	389472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	348540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	124711	50.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.840%	
35) Dibromofluoromethane	7.716	113	121343	44.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.720%	
50) Toluene-d8	10.179	98	468140	57.575	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.140%	
62) 4-Bromofluorobenzene	12.477	95	159389	40.603	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.200%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	8403	12.807	ug/l #	83
17) Carbon Disulfide	4.198	76	46439	5.540	ug/l	100

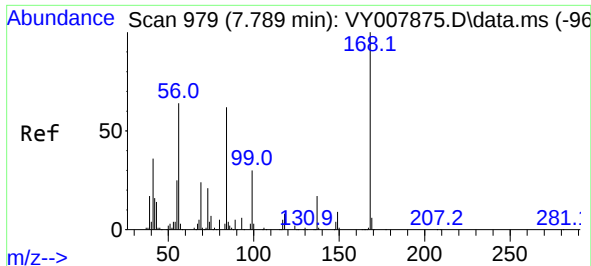
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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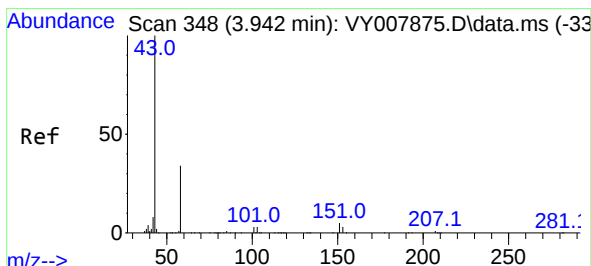
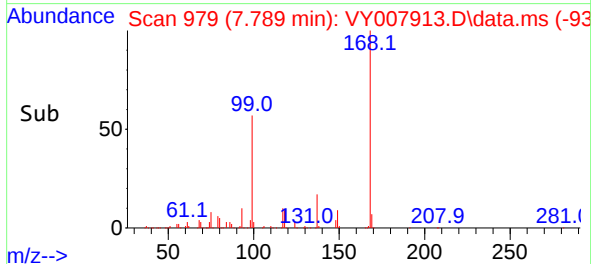
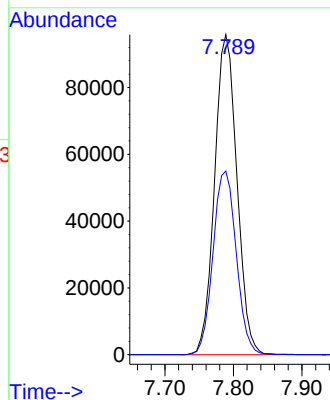
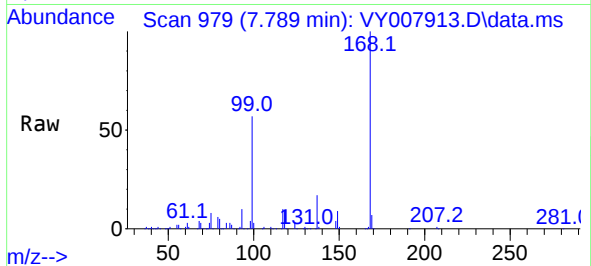




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007913.D
Acq: 18 Mar 2022 19:28

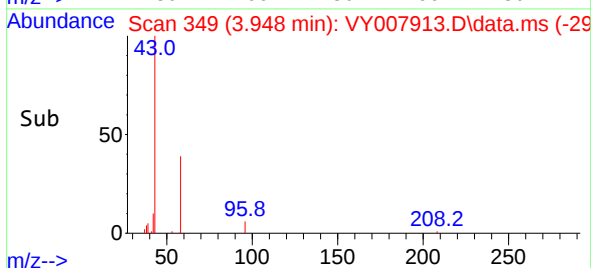
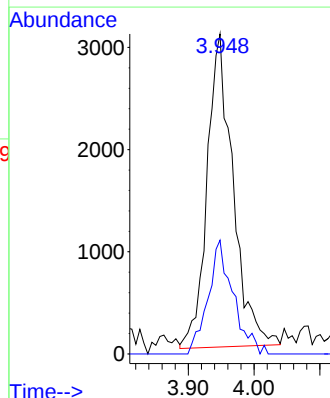
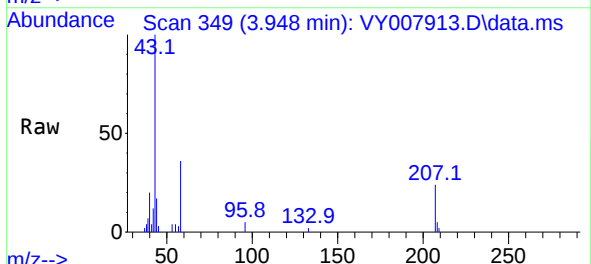
Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE

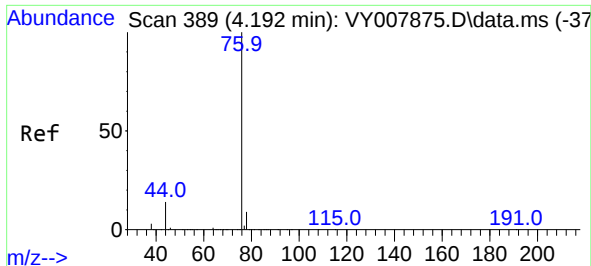
Tgt Ion:168 Resp: 216927
Ion Ratio Lower Upper
168 100
99 57.4 46.9 70.3



#16
Acetone
Concen: 12.807 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY007913.D
Acq: 18 Mar 2022 19:28

Tgt Ion: 43 Resp: 8403
Ion Ratio Lower Upper
43 100
58 36.6 22.0 33.0#

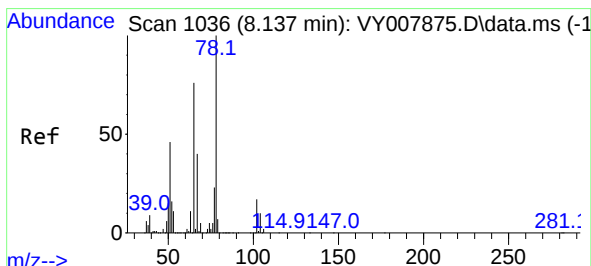
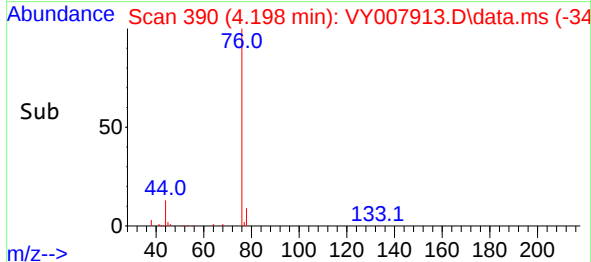
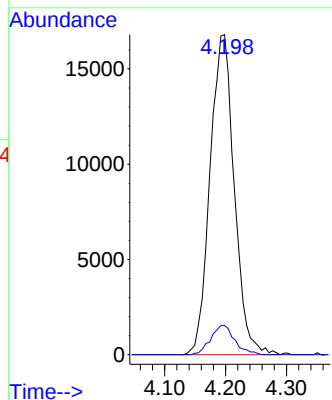
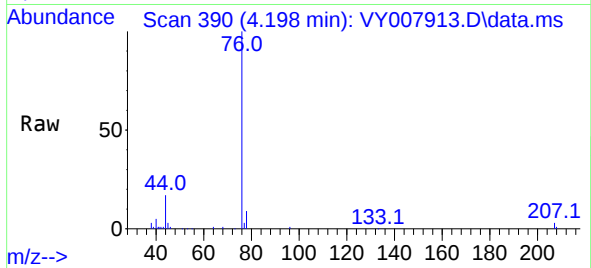




#17
Carbon Disulfide
Concen: 5.540 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007913.D
Acq: 18 Mar 2022 19:28

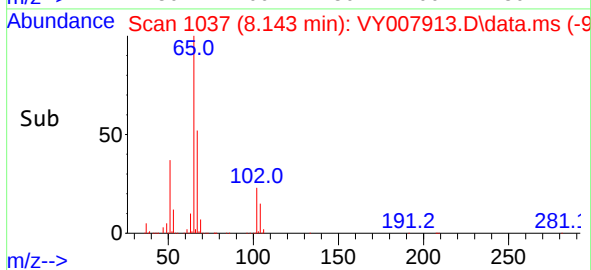
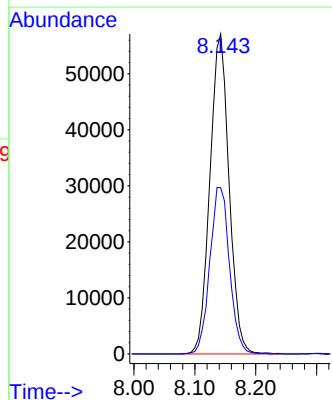
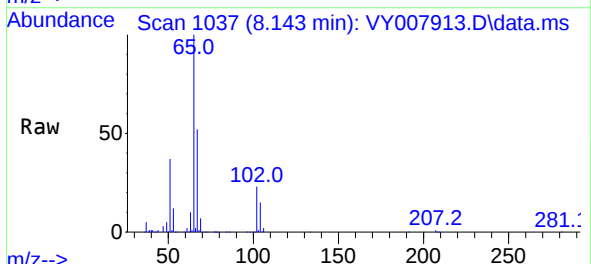
Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE

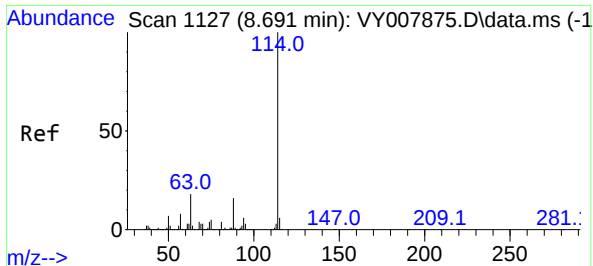
Tgt Ion: 76 Resp: 46439
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 50.421 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007913.D
Acq: 18 Mar 2022 19:28

Tgt Ion: 65 Resp: 124711
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: VY007913.D

Acq: 18 Mar 2022 19:28

Instrument :

MSVOA_Y

ClientSampleId :

BLIND-DUPLICATE

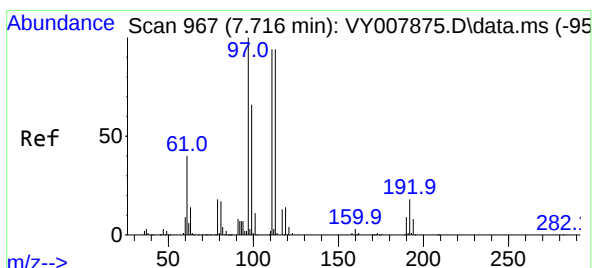
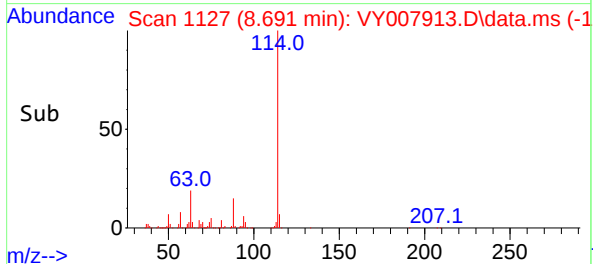
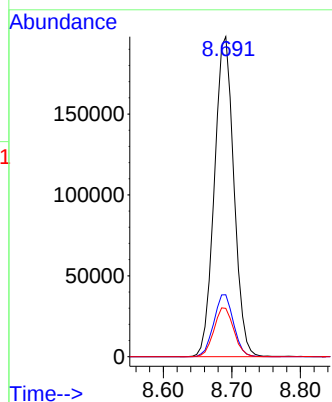
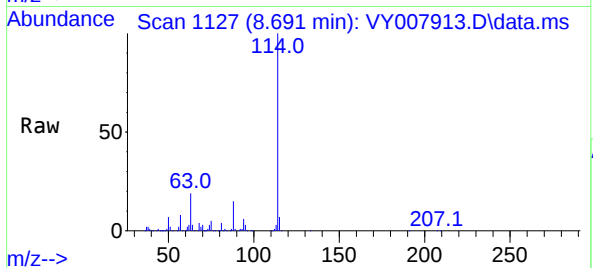
Tgt Ion:114 Resp: 389472

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.363 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007913.D

Acq: 18 Mar 2022 19:28

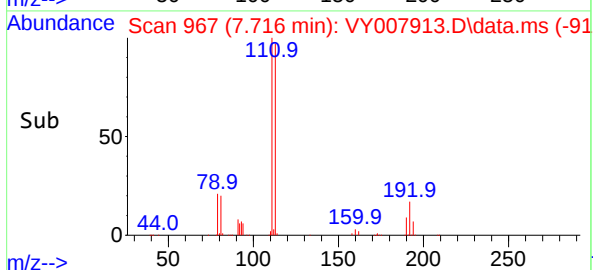
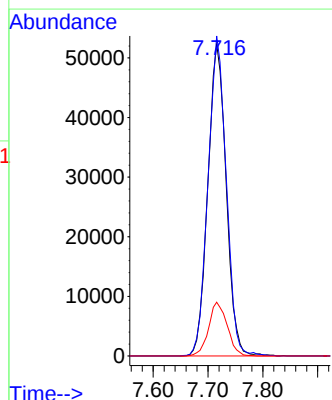
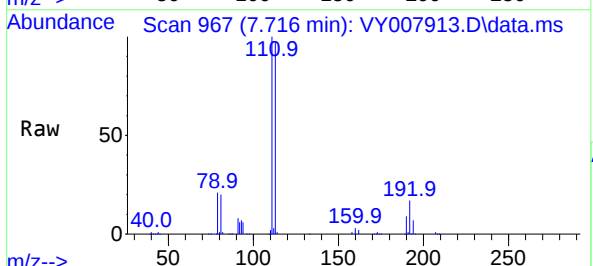
Tgt Ion:113 Resp: 121343

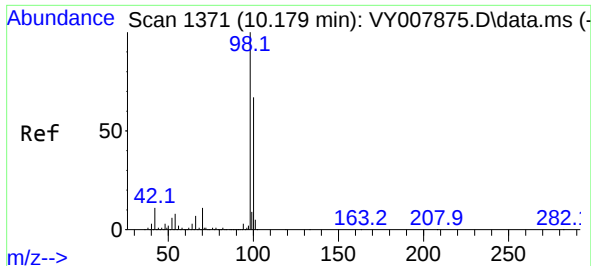
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 17.5 17.6 26.4#

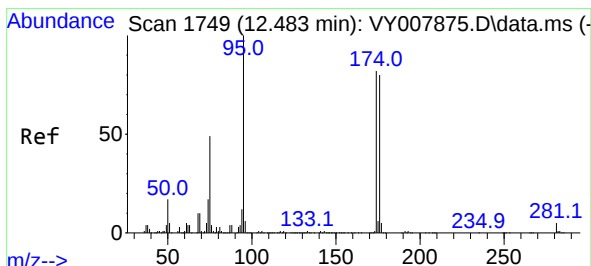
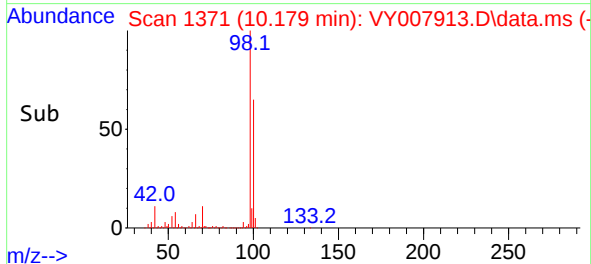
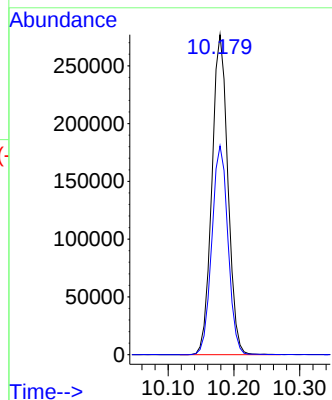
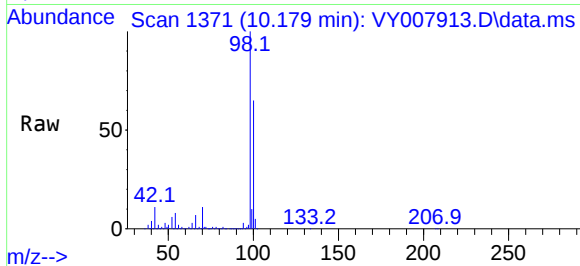




#50
Toluene-d8
Concen: 57.575 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007913.D
Acq: 18 Mar 2022 19:28

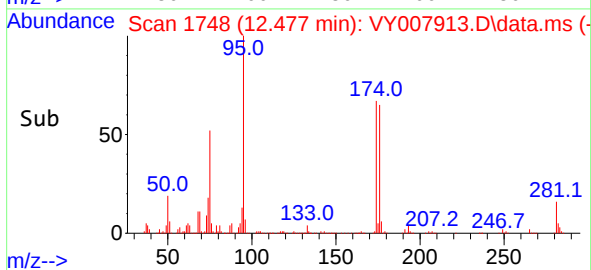
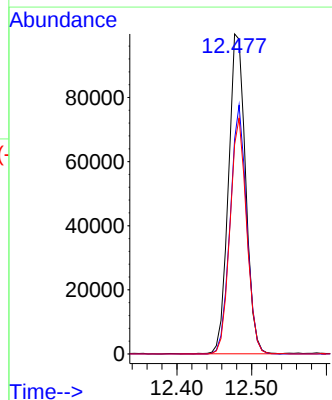
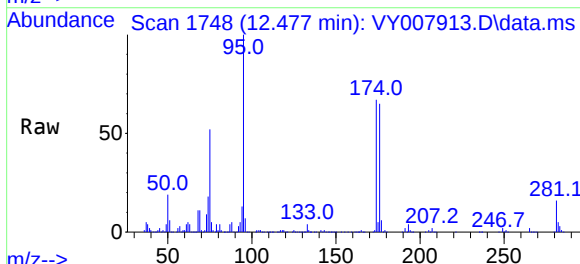
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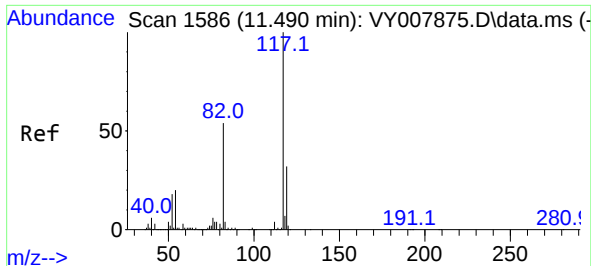
Tgt Ion: 98 Resp: 468140
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.603 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007913.D
Acq: 18 Mar 2022 19:28

Tgt Ion: 95 Resp: 159389
Ion Ratio Lower Upper
95 100
174 74.5 0.0 177.0
176 71.3 0.0 175.8

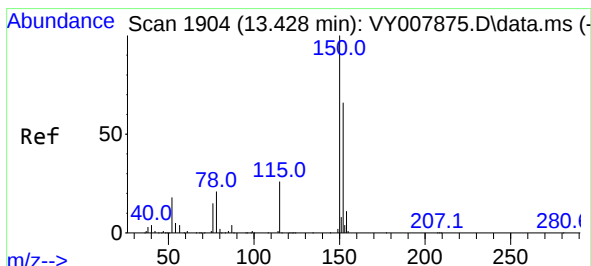
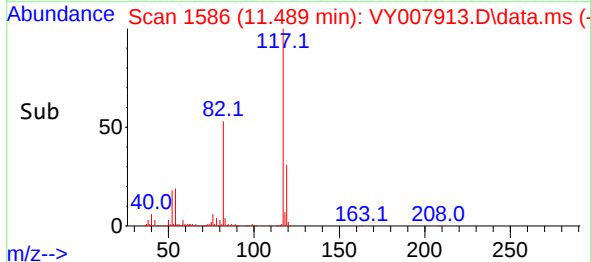
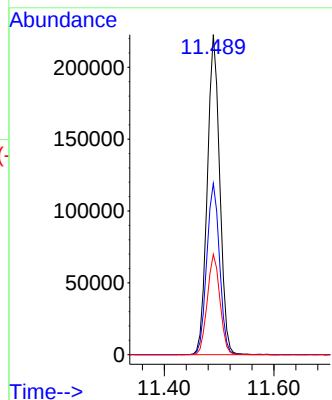
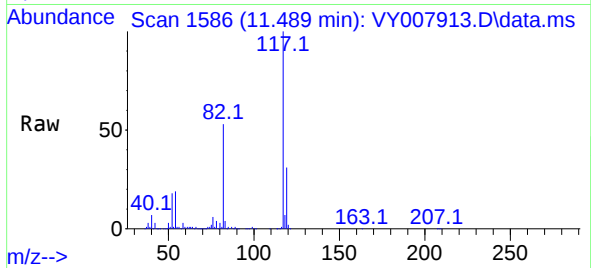




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007913.D
Acq: 18 Mar 2022 19:28

Instrument :
MSVOA_Y
ClientSampleId :
BLIND-DUPLICATE

Tgt Ion:117 Resp: 348540
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.4 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: VY007913.D
Acq: 18 Mar 2022 19:28

Tgt Ion:152 Resp: 148400
Ion Ratio Lower Upper
152 100
115 60.8 28.2 84.7
150 157.4 0.0 347.6

