

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007961.D
 Acq On : 21 Mar 2022 17:46
 Operator : SY/MD
 Sample : N1917-02RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOCRE

Quant Time: Mar 22 05:47:51 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)

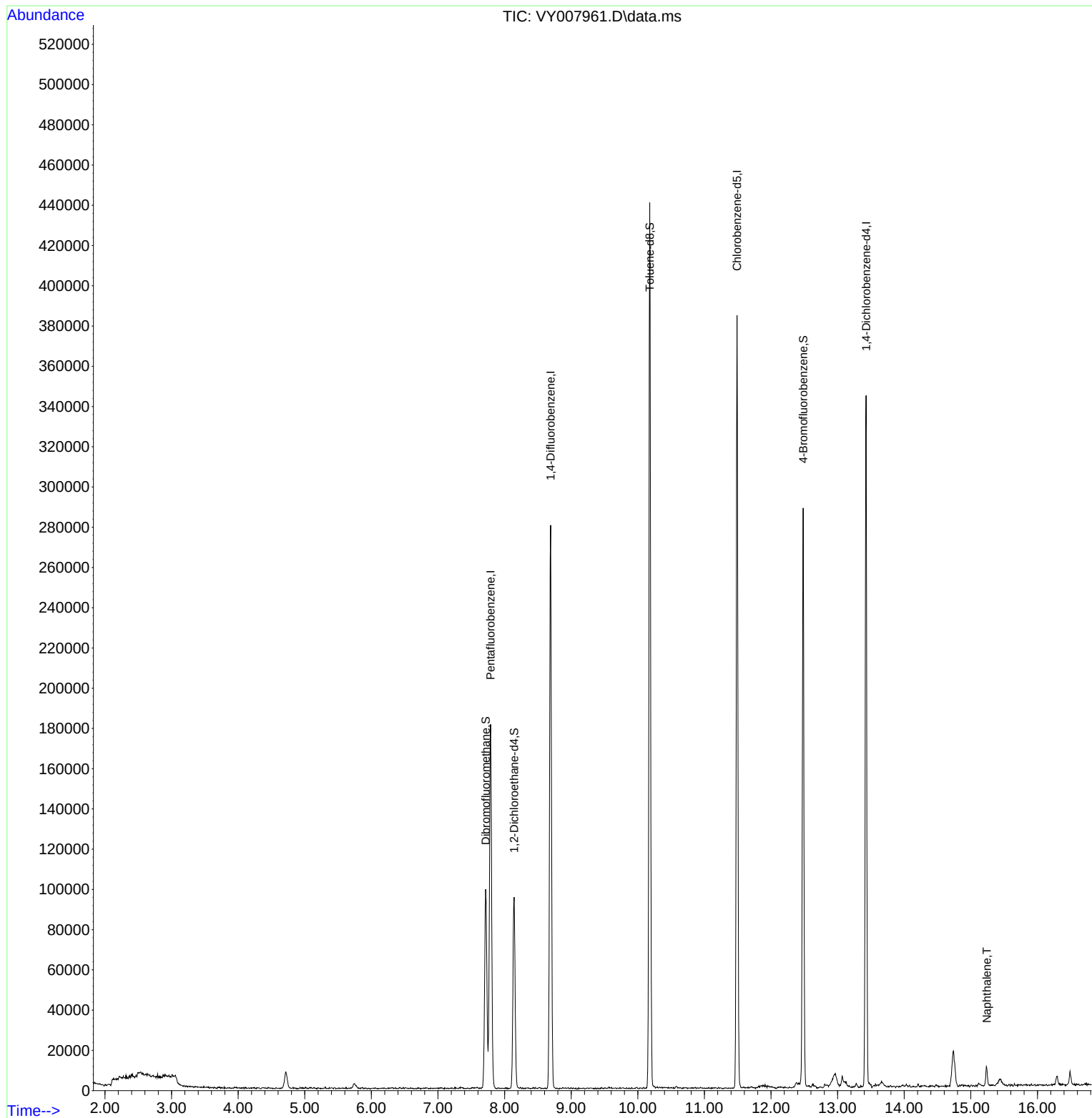
Internal Standards						
1) Pentafluorobenzene	7.789	168	134105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	237141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	201921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73099	47.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.620%
35) Dibromofluoromethane	7.716	113	72439	43.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.000%
50) Toluene-d8	10.179	98	286186	57.832	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.660%
62) 4-Bromofluorobenzene	12.483	95	92233	38.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.180%
Target Compounds						
95) Naphthalene	15.239	128	7181	1.767	ug/l	Qvalue # 97

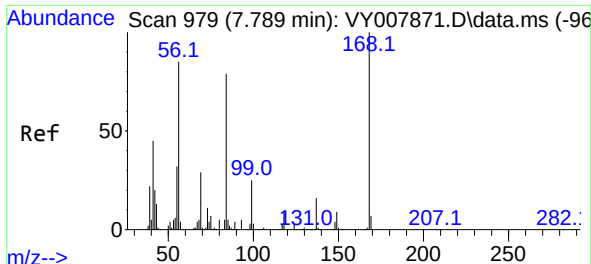
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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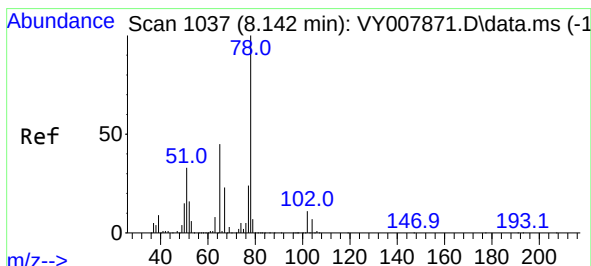
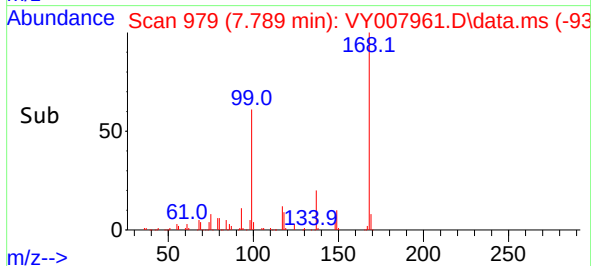
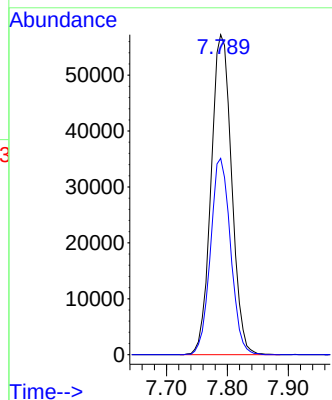
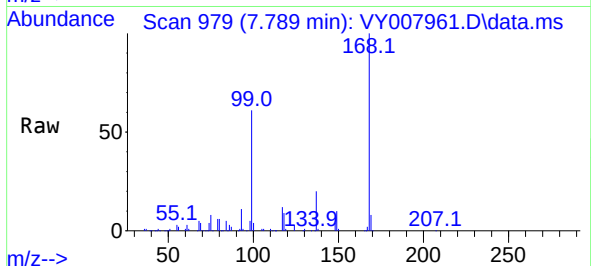




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

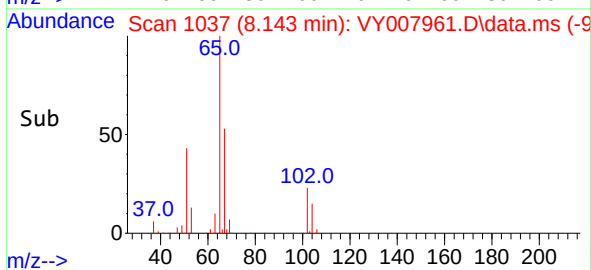
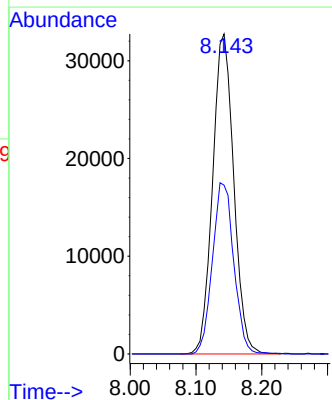
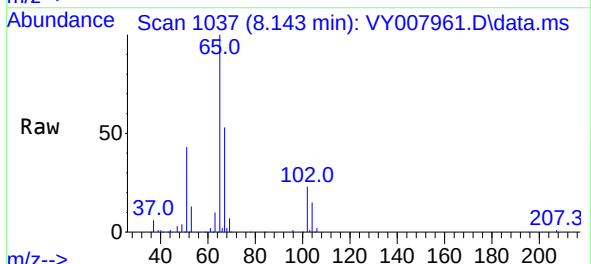
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

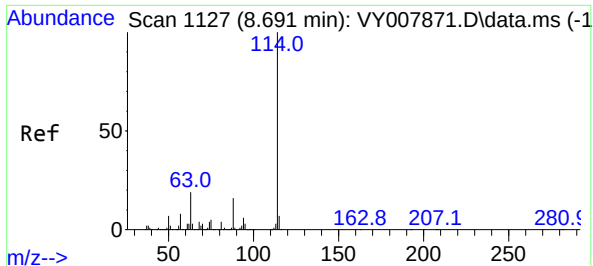
Tgt Ion:168 Resp: 134105
Ion Ratio Lower Upper
168 100
99 61.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.807 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Tgt Ion: 65 Resp: 73099
Ion Ratio Lower Upper
65 100
67 54.2 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: VY007961.D

Acq: 21 Mar 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

VOCRE

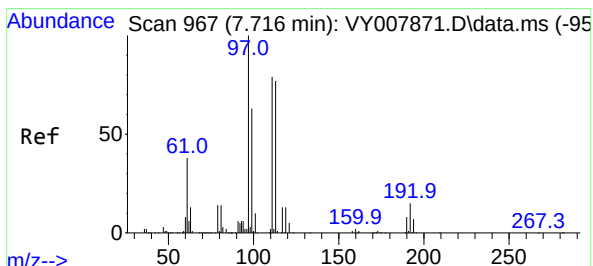
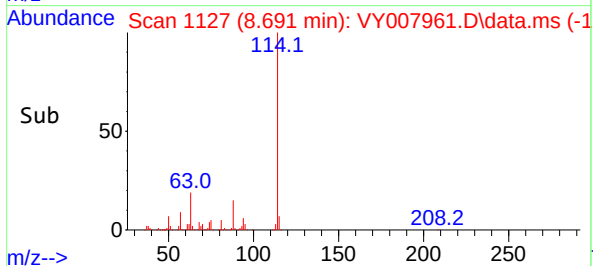
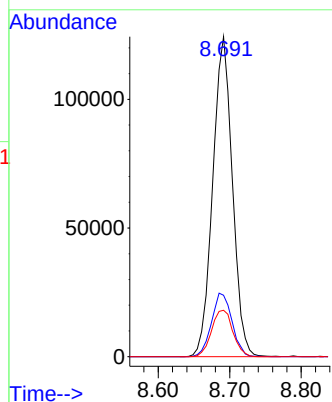
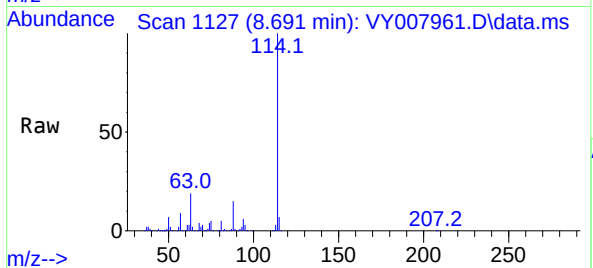
Tgt Ion:114 Resp: 237141

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.496 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007961.D

Acq: 21 Mar 2022 17:46

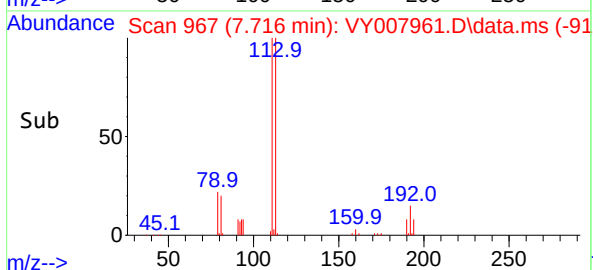
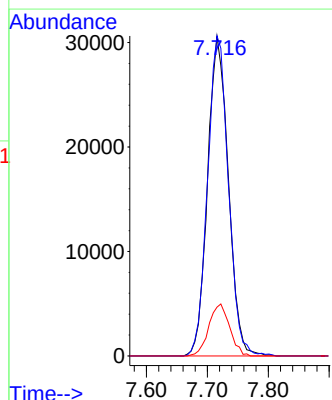
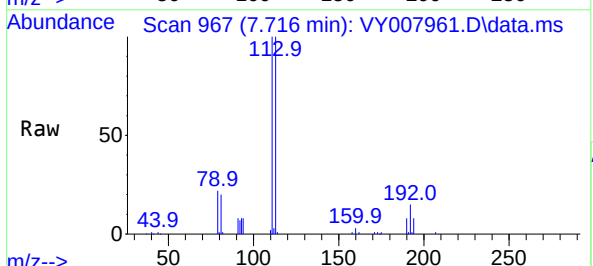
Tgt Ion:113 Resp: 72439

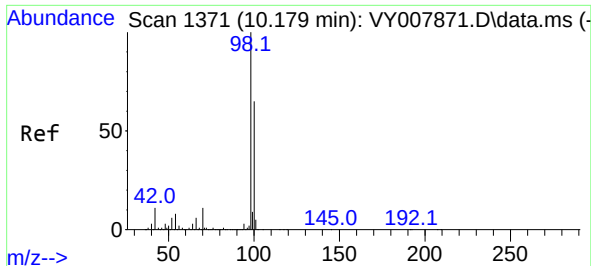
Ion Ratio Lower Upper

113 100

111 100.6 82.6 124.0

192 16.3 17.6 26.4#

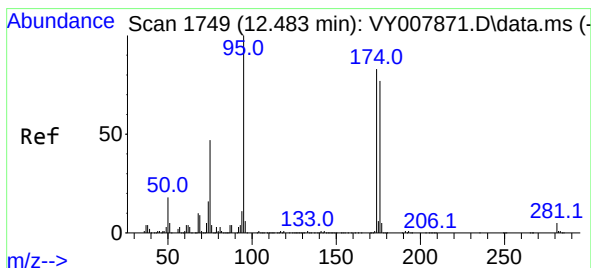
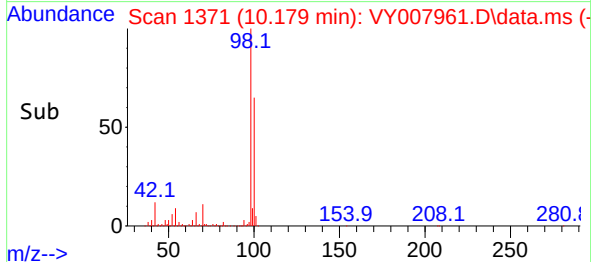
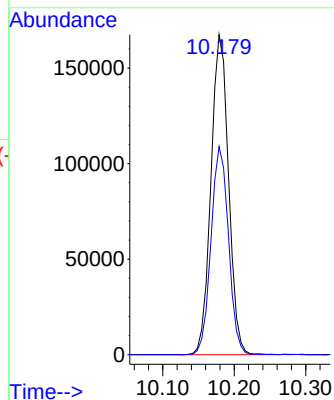
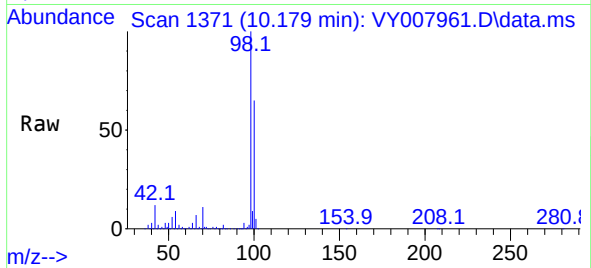




#50
Toluene-d8
Concen: 57.832 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

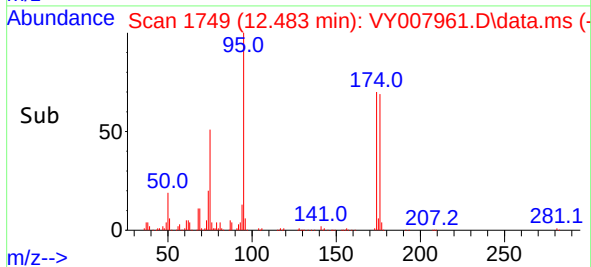
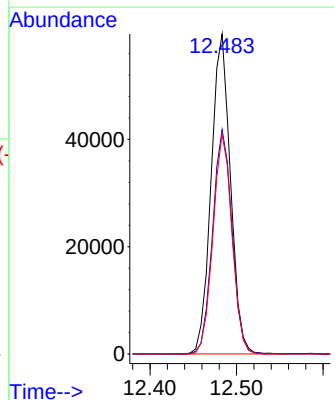
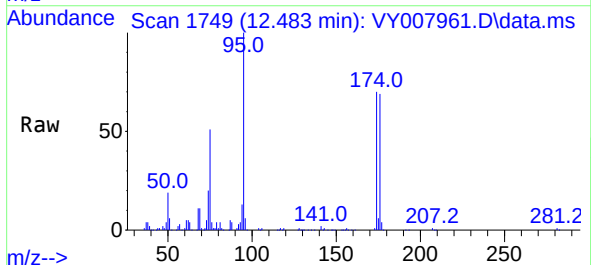
Instrument :
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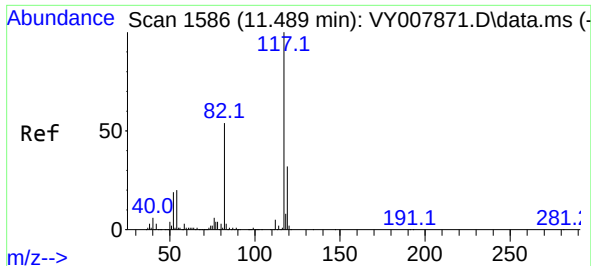
Tgt Ion: 98 Resp: 286186
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Tgt Ion: 95 Resp: 92233
Ion Ratio Lower Upper
95 100
174 70.6 0.0 177.0
176 67.7 0.0 175.8

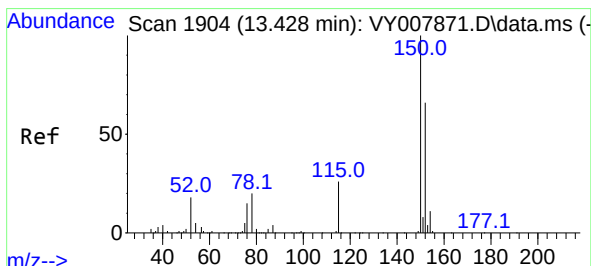
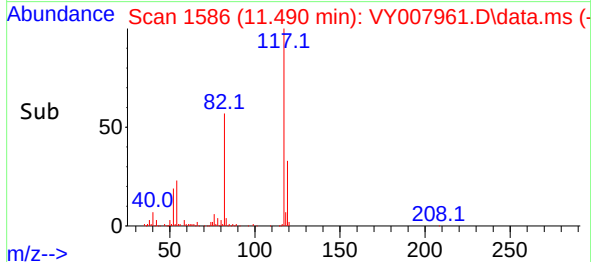
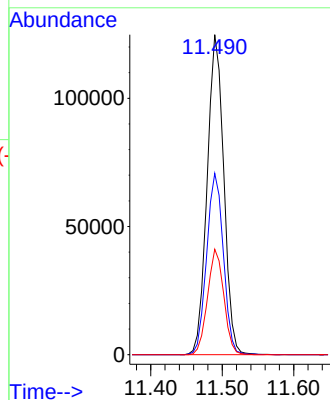
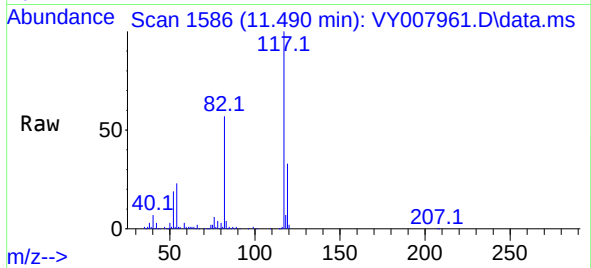




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

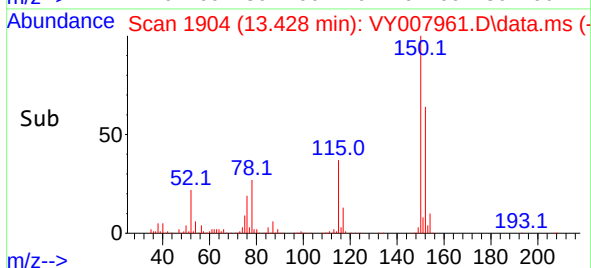
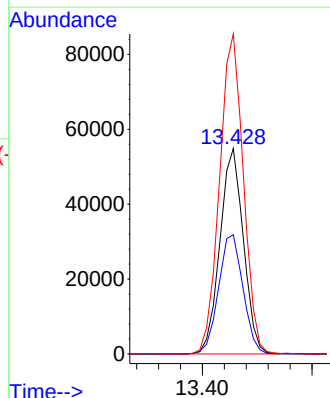
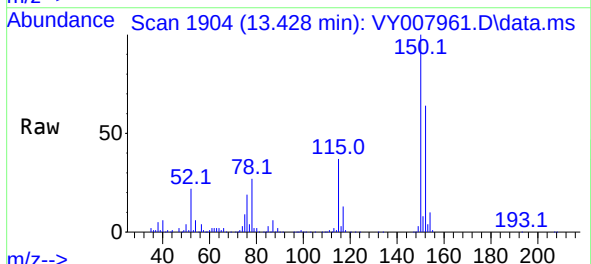
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

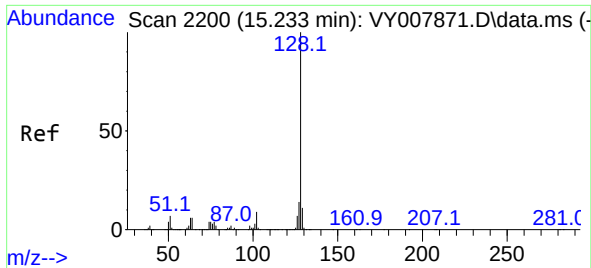
Tgt Ion:117 Resp: 201921
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

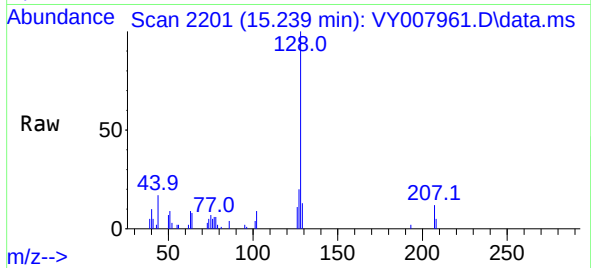
Tgt Ion:152 Resp: 81531
Ion Ratio Lower Upper
152 100
115 60.6 28.2 84.7
150 158.2 0.0 347.6





#95
Naphthalene
Concen: 1.767 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY007961.D
Acq: 21 Mar 2022 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VOCRE



Tgt Ion:	128	Resp:	7181
Ion	Ratio	Lower	Upper
128	100		
127	13.2	11.0	16.4
129	12.6	8.4	12.6#

