

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007940.D
 Acq On : 19 Mar 2022 07:30
 Operator : SY/MD
 Sample : N1983-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124055

Quant Time: Mar 21 03:22:05 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)

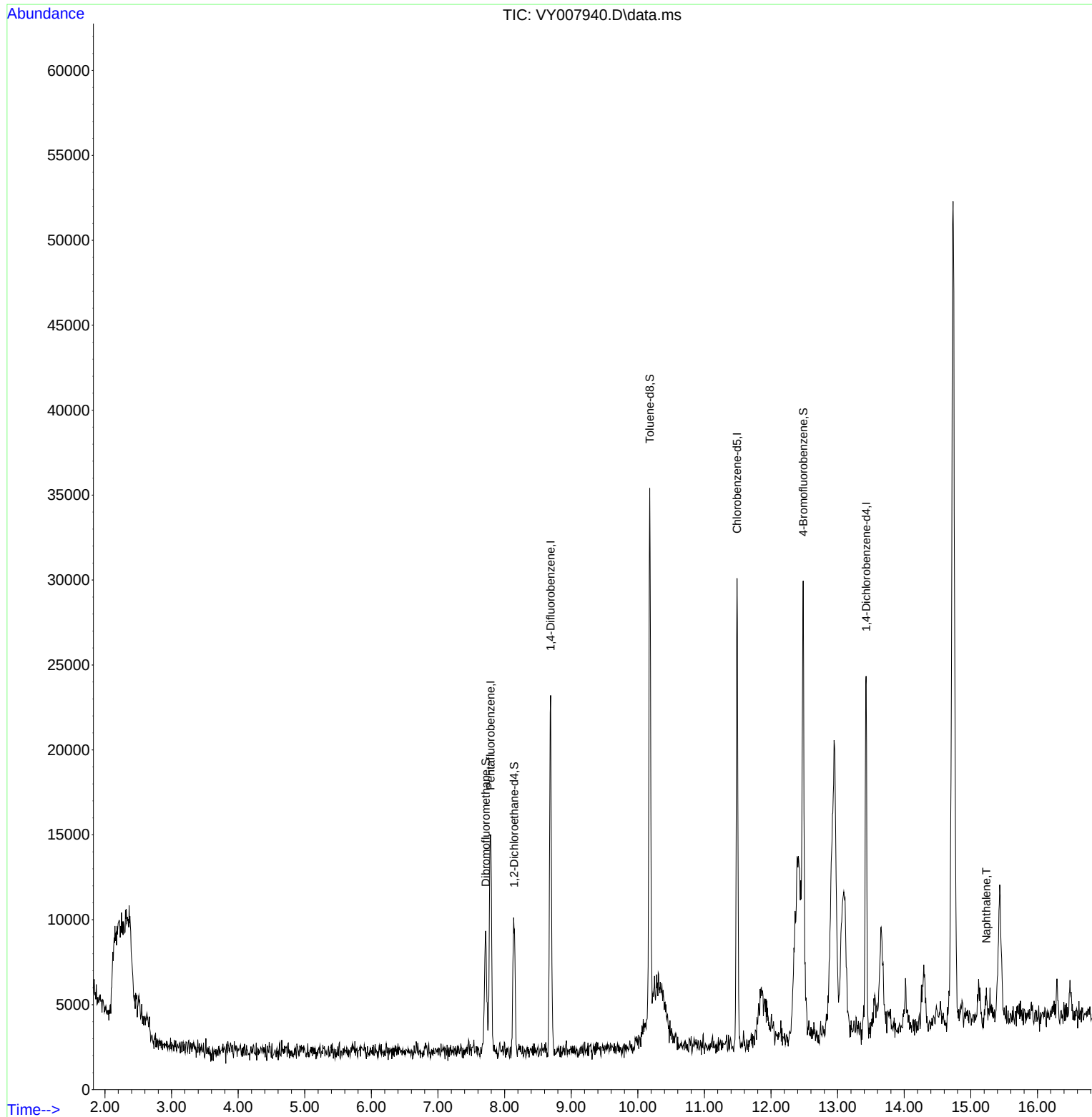
Internal Standards						
1) Pentafluorobenzene	7.789	168	9864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	17623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6120	54.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.840%	
35) Dibromofluoromethane	7.716	113	4525	36.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 73.120%	
50) Toluene-d8	10.179	98	20853	56.579	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.160%	
62) 4-Bromofluorobenzene	12.483	95	6719	37.827	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.660%	
Target Compounds						
95) Naphthalene	15.233	128	1321	5.648	ug/l	Qvalue # 81

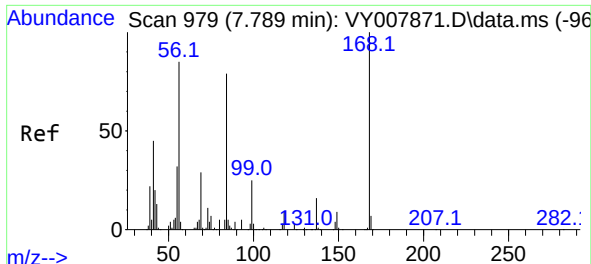
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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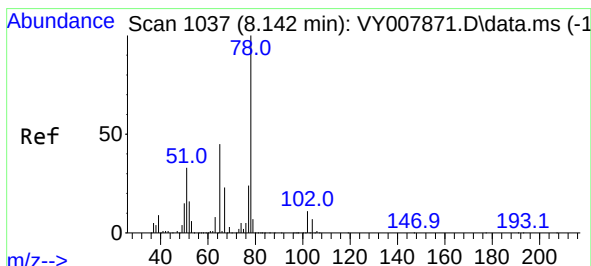
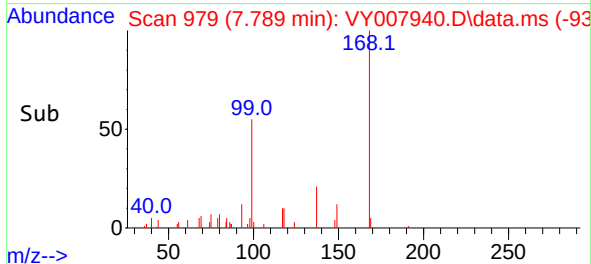
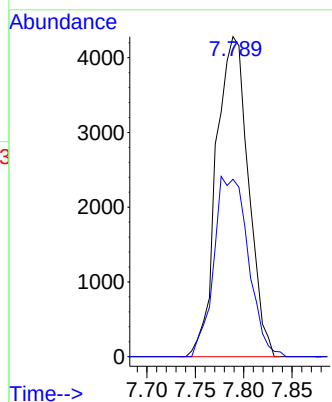
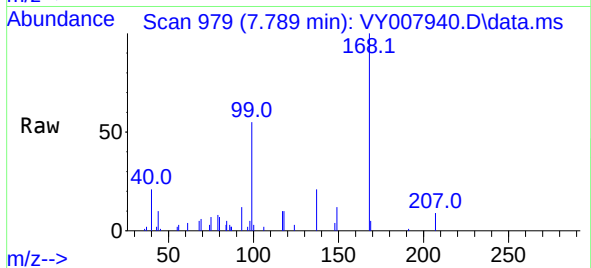




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007940.D
Acq: 19 Mar 2022 07:30

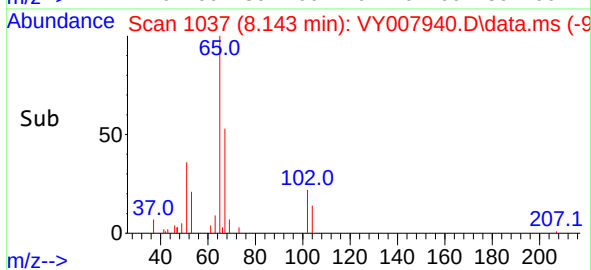
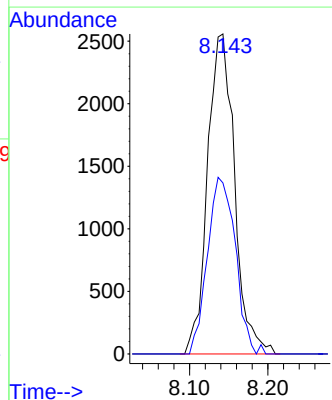
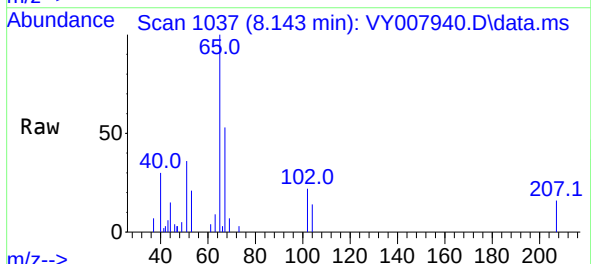
Instrument :
MSVOA_Y
ClientSampleId :
124055

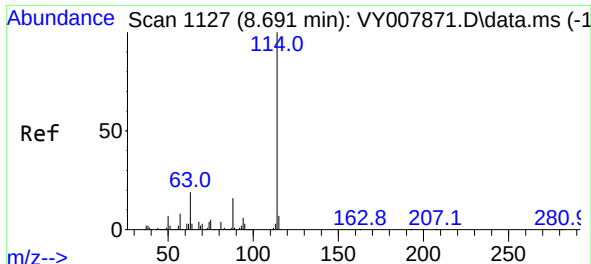
Tgt Ion:168 Resp: 9864
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.415 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007940.D
Acq: 19 Mar 2022 07:30

Tgt Ion: 65 Resp: 6120
Ion Ratio Lower Upper
65 100
67 57.1 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: VY007940.D

Acq: 19 Mar 2022 07:30

Instrument :

MSVOA_Y

ClientSampleId :

124055

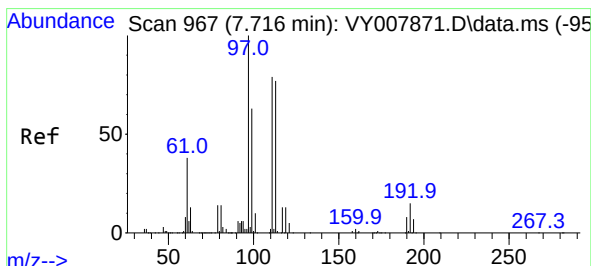
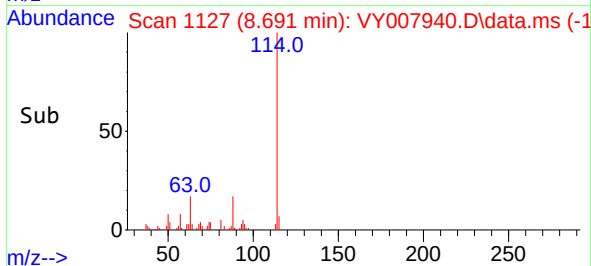
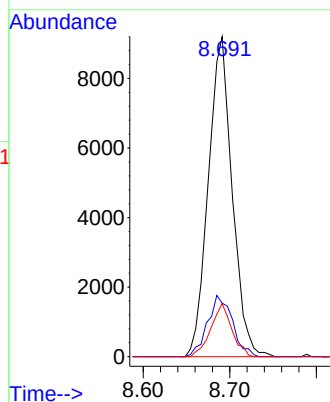
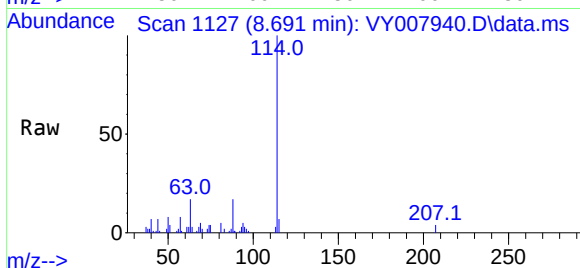
Tgt Ion:114 Resp: 17623

Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 16.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 36.561 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007940.D

Acq: 19 Mar 2022 07:30

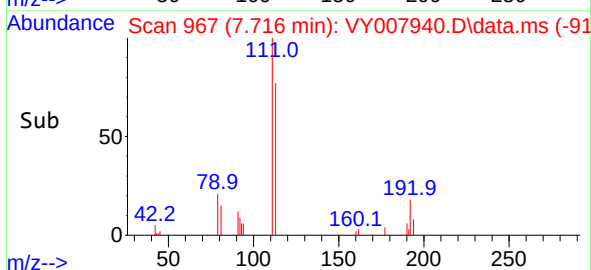
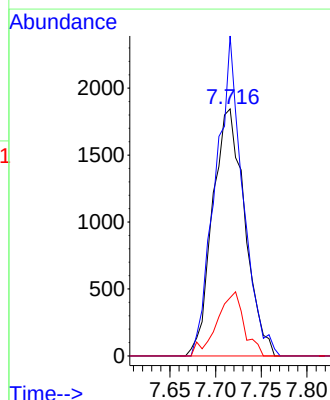
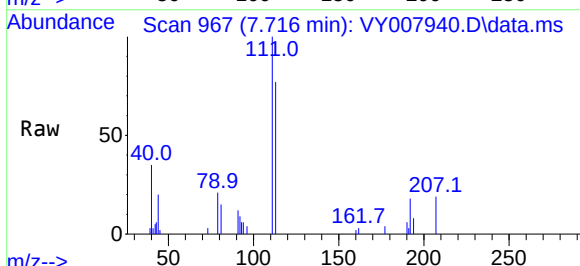
Tgt Ion:113 Resp: 4525

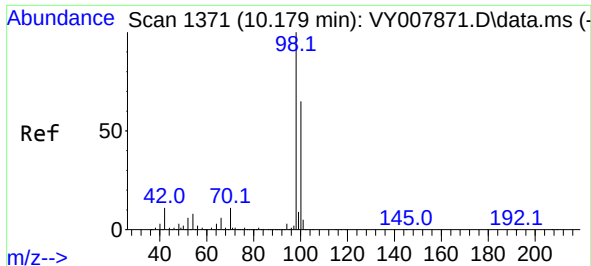
Ion Ratio Lower Upper

113 100

111 109.6 82.6 124.0

192 21.8 17.6 26.4

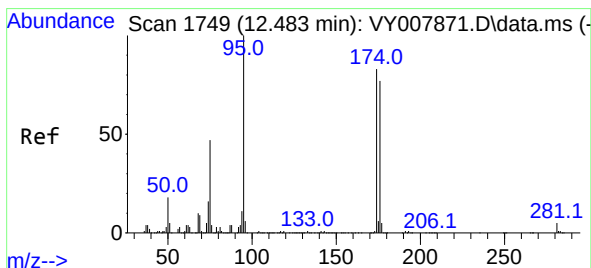
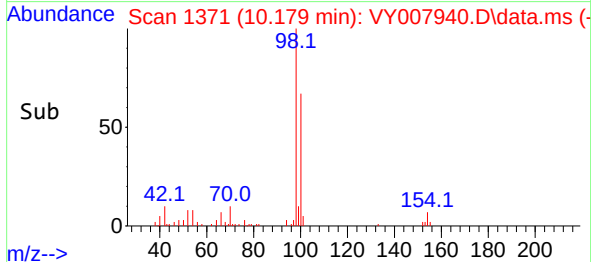
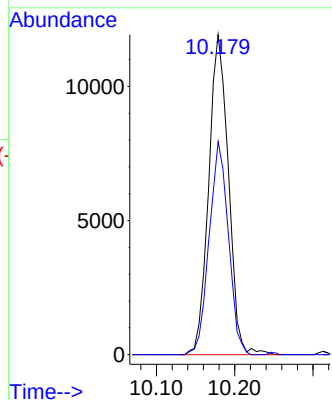
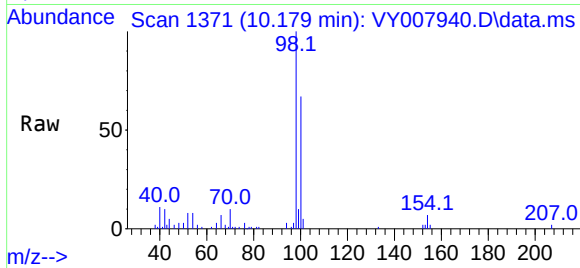




#50
Toluene-d8
Concen: 56.579 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007940.D
Acq: 19 Mar 2022 07:30

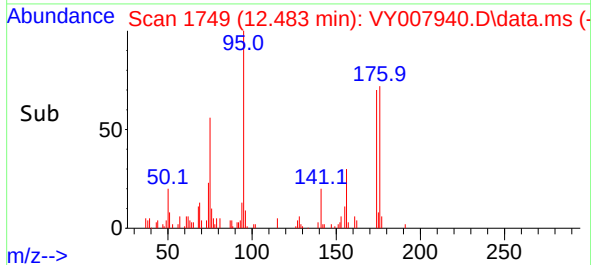
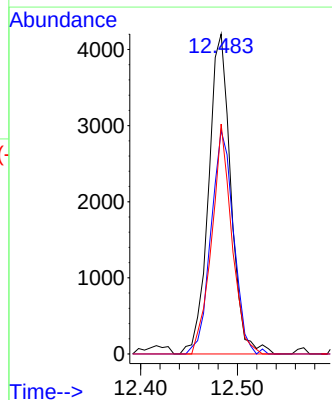
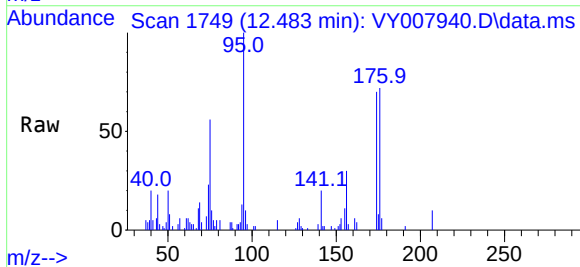
Instrument :
MSVOA_Y
ClientSampleId :
124055

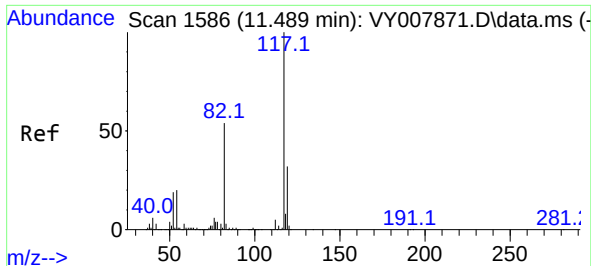
Tgt Ion: 98 Resp: 20853
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007940.D
Acq: 19 Mar 2022 07:30

Tgt Ion: 95 Resp: 6719
Ion Ratio Lower Upper
95 100
174 70.7 0.0 177.0
176 64.5 0.0 175.8

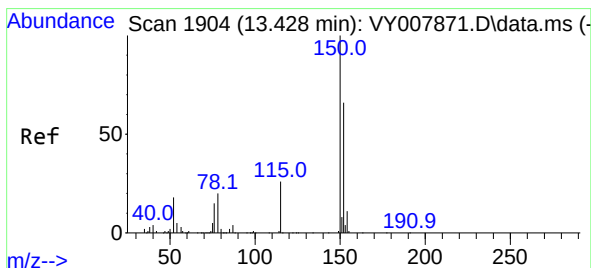
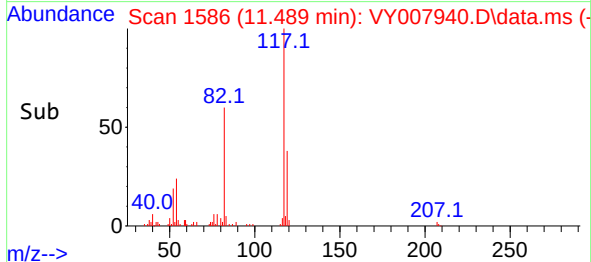
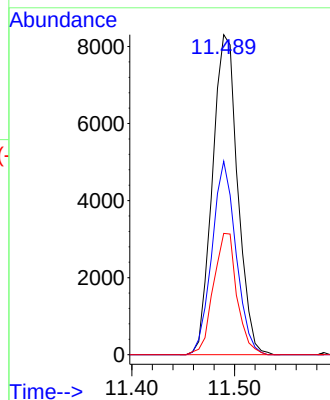
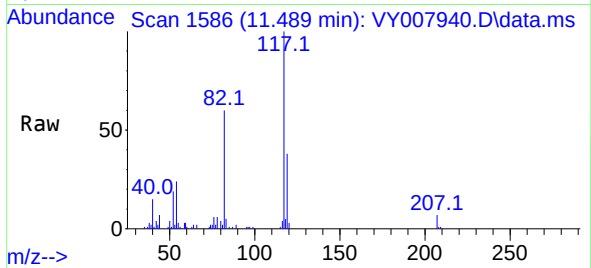




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007940.D
Acq: 19 Mar 2022 07:30

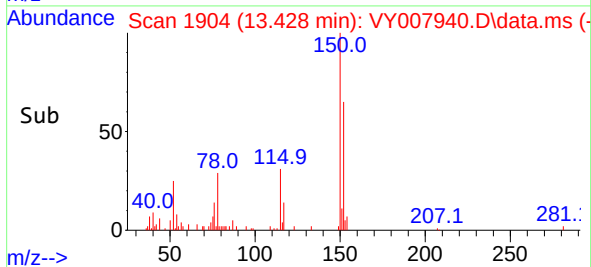
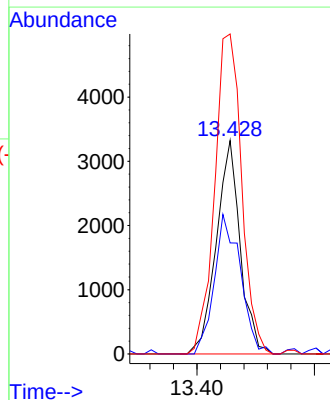
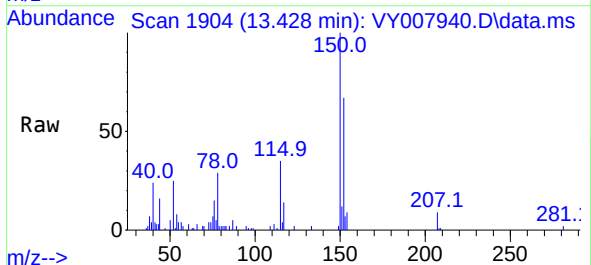
Instrument :
MSVOA_Y
ClientSampleId :
124055

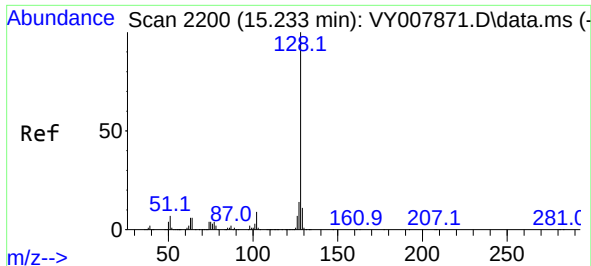
Tgt Ion:	117	Resp:	14143
Ion	Ratio	Lower	Upper
117	100		
82	60.5	43.0	64.4
119	37.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007940.D
Acq: 19 Mar 2022 07:30

Tgt Ion:	152	Resp:	4693
Ion	Ratio	Lower	Upper
152	100		
115	71.7	28.2	84.7
150	169.4	0.0	347.6





#95

Naphthalene

Concen: 5.648 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY007940.D

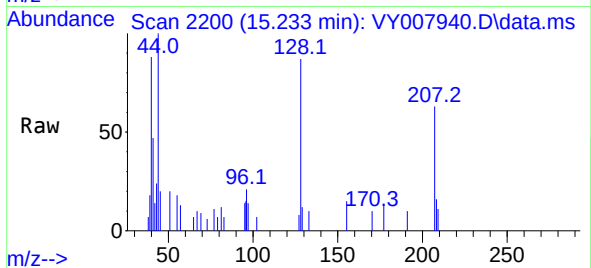
Acq: 19 Mar 2022 07:30

Instrument :

MSVOA_Y

ClientSampleId :

124055



Tgt Ion:128 Resp: 1321

Ion Ratio Lower Upper

128 100

127 1.7 11.0 16.4#

129 8.5 8.4 12.6

