

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007392.D
 Acq On : 04 Feb 2022 14:15
 Operator : SY/MD
 Sample : N1381-07
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-07(13.5-15)-02-02-22

Quant Time: Feb 07 00:34:22 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)

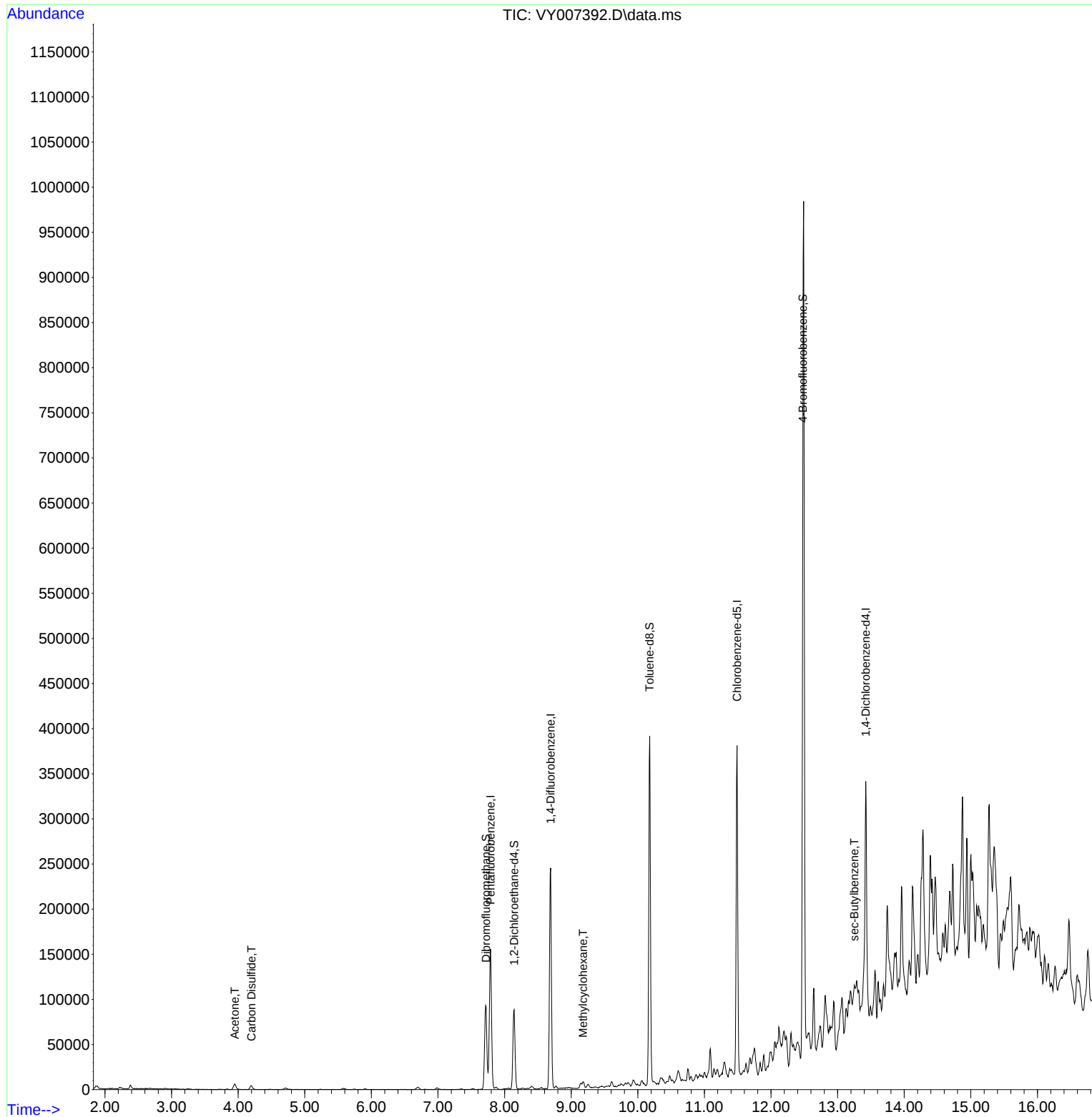
Internal Standards						
1) Pentafluorobenzene	7.789	168	110093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	206552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	61962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70325	55.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.06%
35) Dibromofluoromethane	7.722	113	67558	50.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.88%
50) Toluene-d8	10.179	98	251158	51.25	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.50%
62) 4-Bromofluorobenzene	12.477	95	83658	50.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.46%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	11079	26.94	ug/l #	88
17) Carbon Disulfide	4.198	76	8229	2.05	ug/l	96
39) Methylcyclohexane	9.179	83	3287	1.13	ug/l #	81
85) sec-Butylbenzene	13.251	105	8849	1.47	ug/l #	69

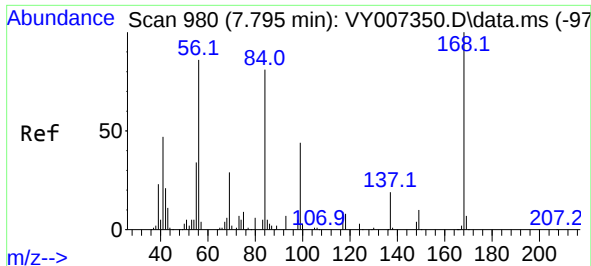
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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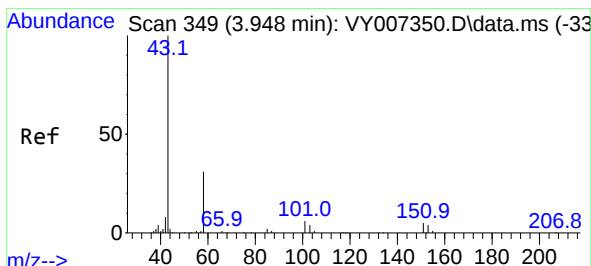
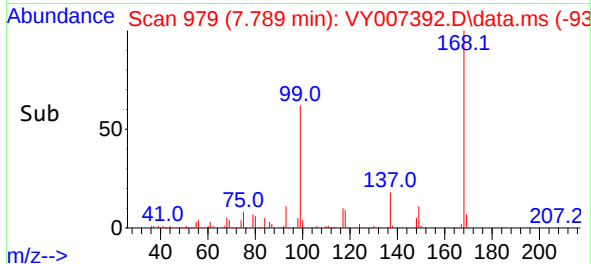
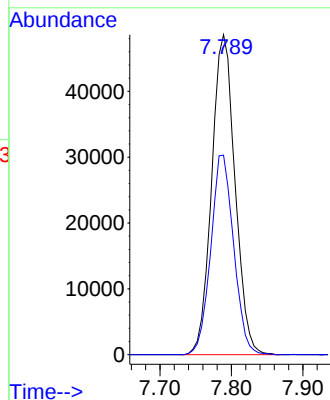
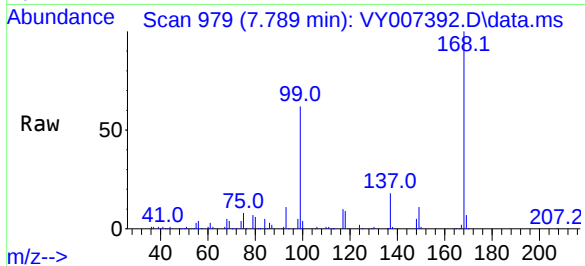




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007392.D
Acq: 04 Feb 2022 14:15

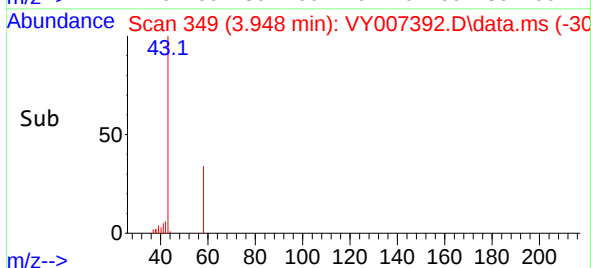
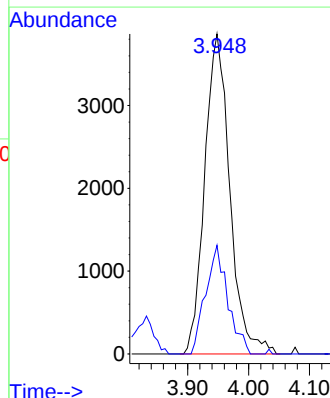
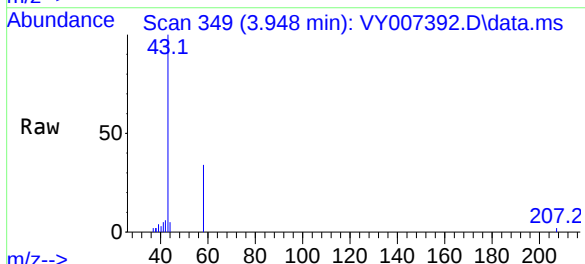
Instrument :
MSVOA_Y
ClientSampleId :
DB-07(13.5-15)-02-02-22

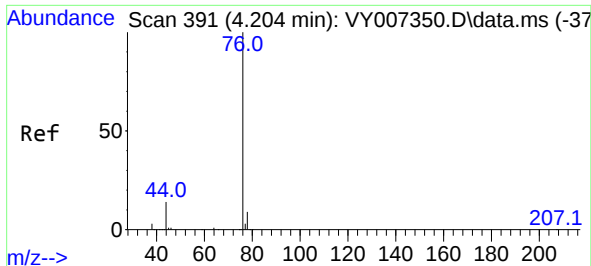
Tgt Ion:168 Resp: 110093
Ion Ratio Lower Upper
168 100
99 62.4 46.9 70.3



#16
Acetone
Concen: 26.94 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007392.D
Acq: 04 Feb 2022 14:15

Tgt Ion: 43 Resp: 11079
Ion Ratio Lower Upper
43 100
58 33.9 22.0 33.0#

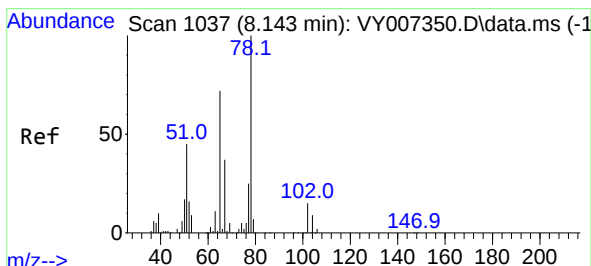
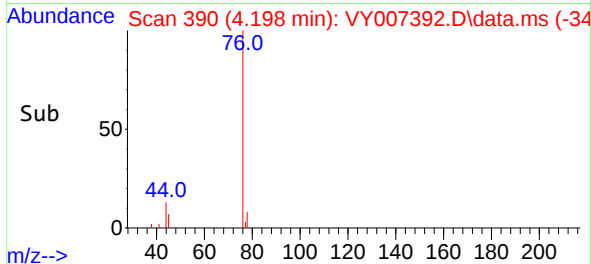
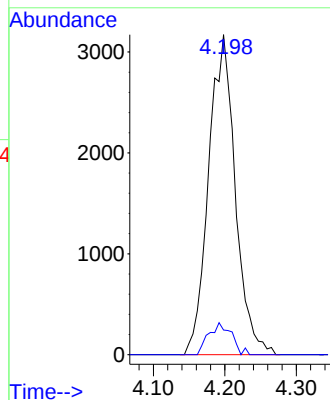
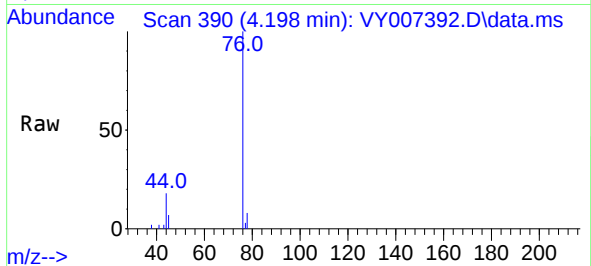




#17
Carbon Disulfide
Concen: 2.05 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY007392.D
Acq: 04 Feb 2022 14:15

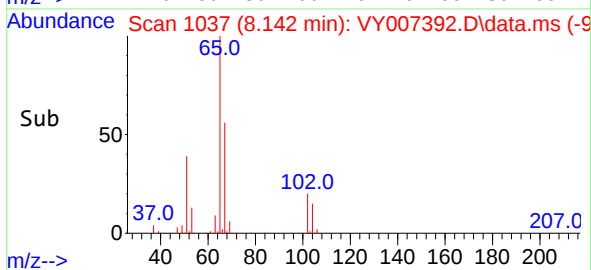
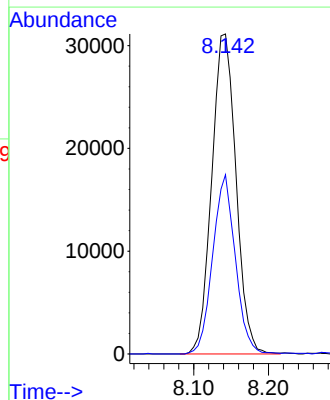
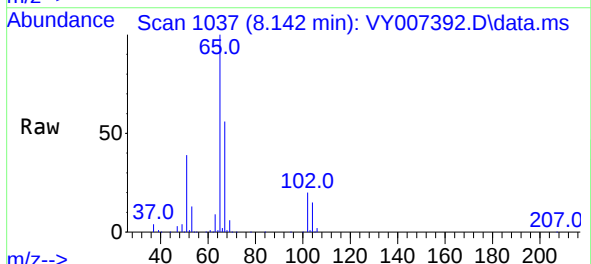
Instrument :
MSVOA_Y
ClientSampleId :
DB-07(13.5-15)-02-02-22

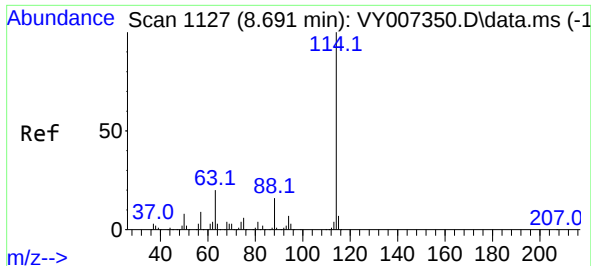
Tgt Ion: 76 Resp: 8229
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 55.53 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007392.D
Acq: 04 Feb 2022 14:15

Tgt Ion: 65 Resp: 70325
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007392.D

Acq: 04 Feb 2022 14:15

Instrument :

MSVOA_Y

ClientSampleId :

DB-07(13.5-15)-02-02-22

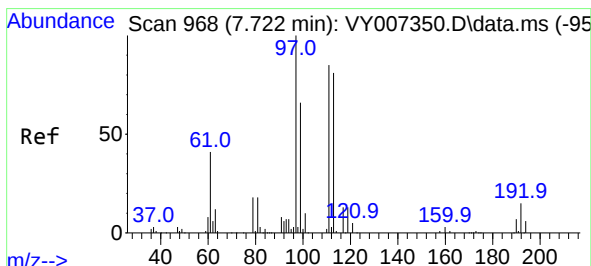
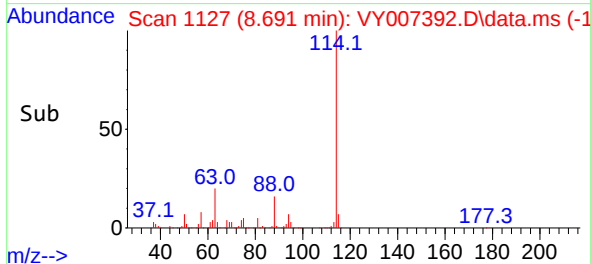
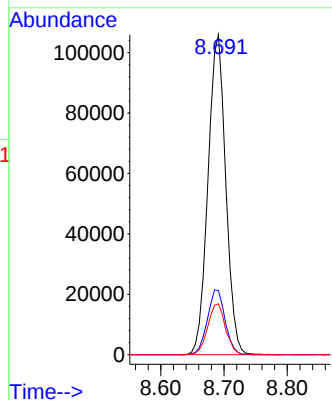
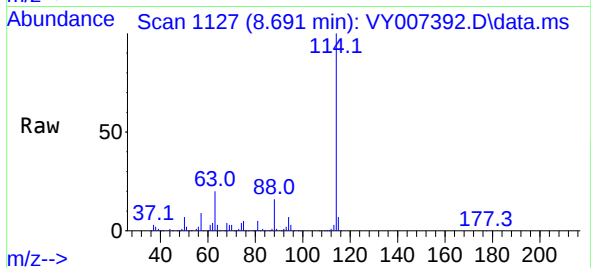
Tgt Ion:114 Resp: 206552

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.94 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007392.D

Acq: 04 Feb 2022 14:15

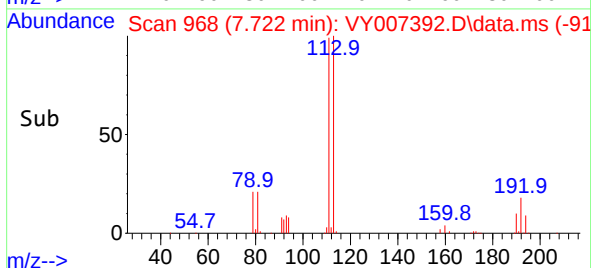
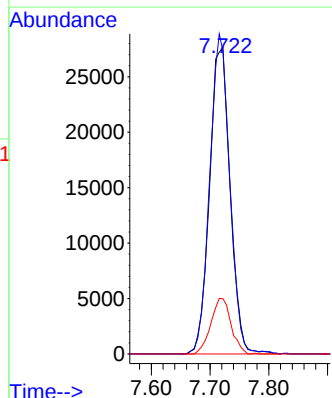
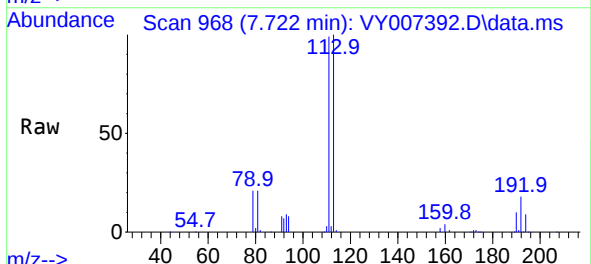
Tgt Ion:113 Resp: 67558

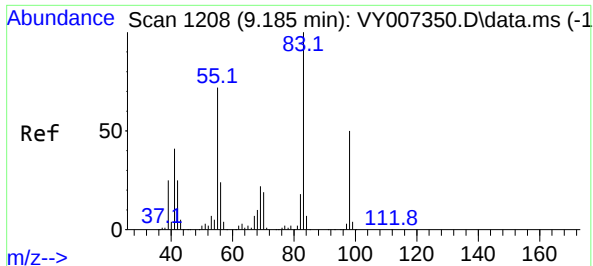
Ion Ratio Lower Upper

113 100

111 101.2 82.6 124.0

192 17.7 17.6 26.4





#39

Methylcyclohexane

Concen: 1.13 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007392.D

Acq: 04 Feb 2022 14:15

Instrument :

MSVOA_Y

ClientSampleId :

DB-07(13.5-15)-02-02-22

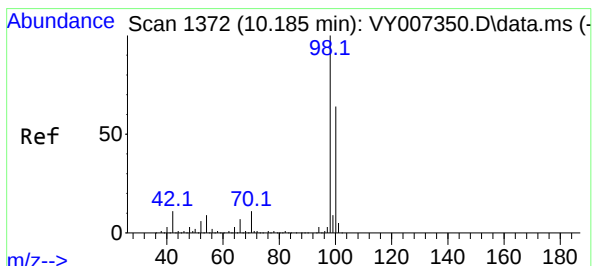
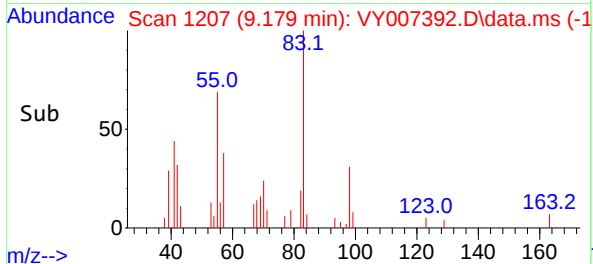
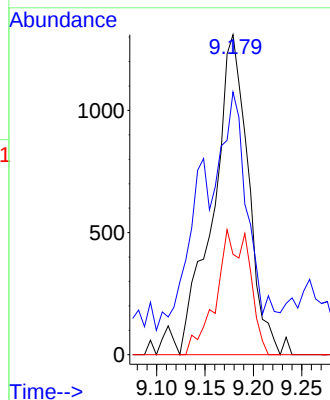
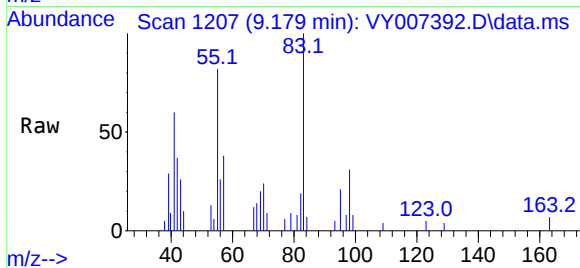
Tgt Ion: 83 Resp: 3287

Ion Ratio Lower Upper

83 100

55 68.9 66.5 99.7

98 31.4 37.9 56.9#



#50

Toluene-d8

Concen: 51.25 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007392.D

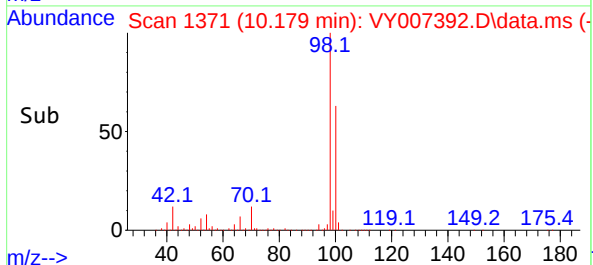
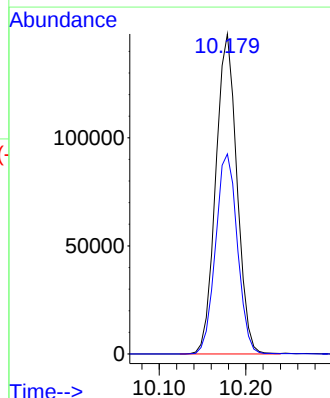
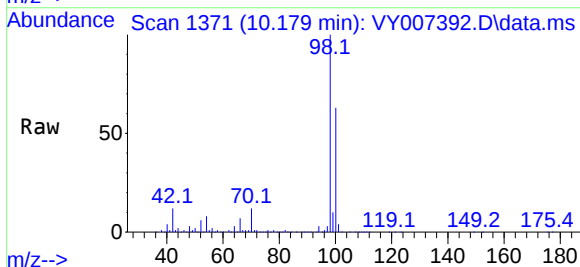
Acq: 04 Feb 2022 14:15

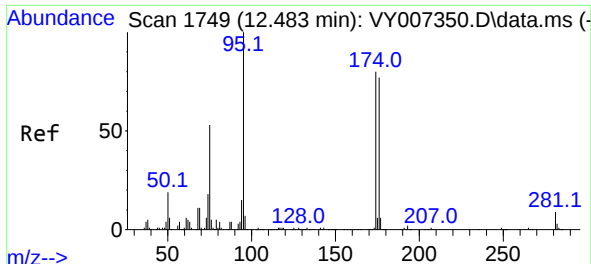
Tgt Ion: 98 Resp: 251158

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.2

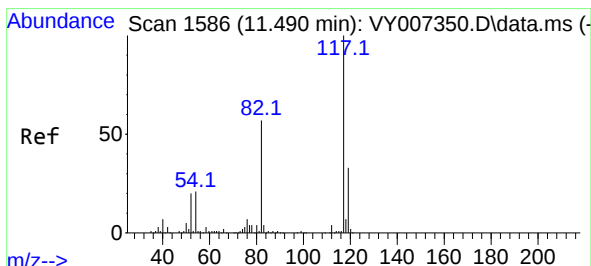
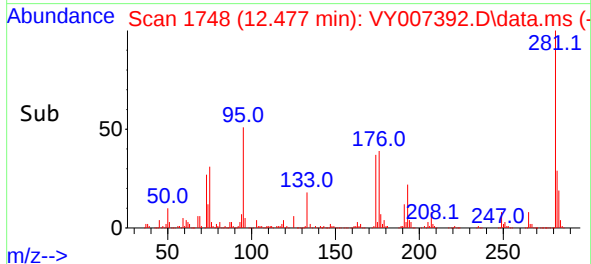
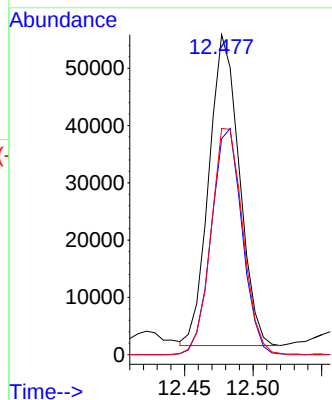
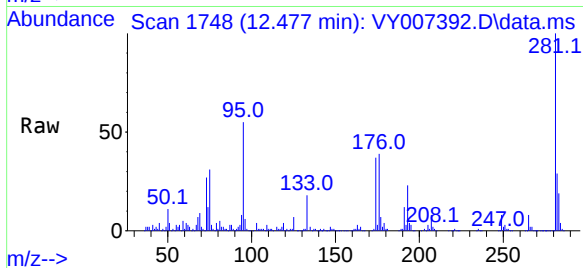




#62
4-Bromofluorobenzene
Concen: 50.23 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007392.D
Acq: 04 Feb 2022 14:15

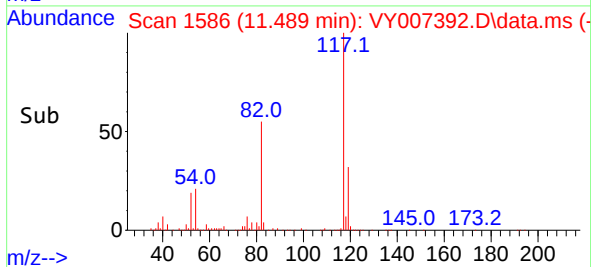
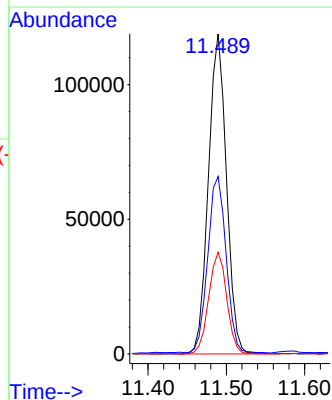
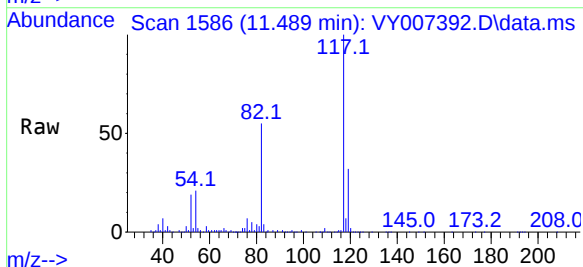
Instrument :
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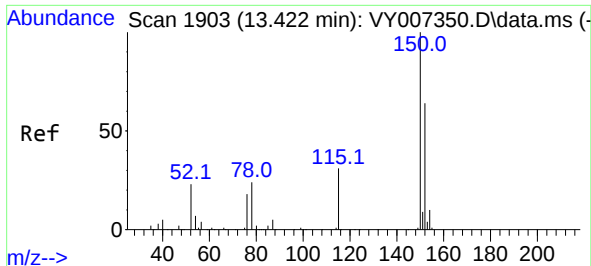
Tgt Ion:	95	Resp:	83658
Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	177.0
176	76.1	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007392.D
Acq: 04 Feb 2022 14:15

Tgt Ion:	117	Resp:	189740
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.0	64.4
119	31.8	25.4	38.0

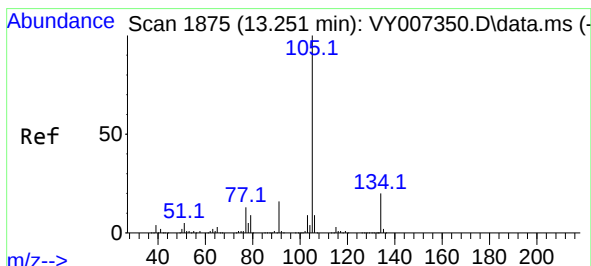
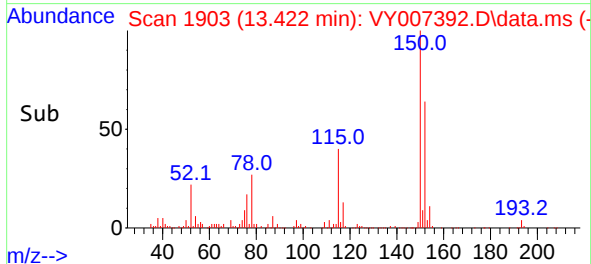
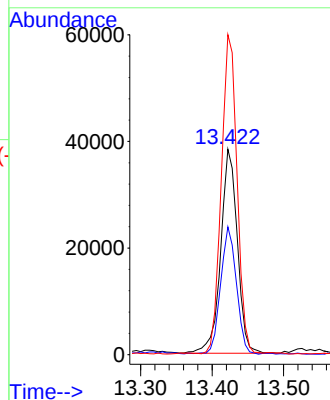
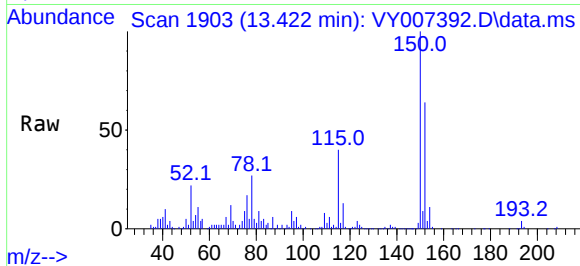




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007392.D
Acq: 04 Feb 2022 14:15

Instrument :
MSVOA_Y
ClientSampleId :
DB-07(13.5-15)-02-02-22

Tgt Ion:152 Resp: 61962
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 147.4 0.0 347.6



#85
sec-Butylbenzene
Concen: 1.47 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY007392.D
Acq: 04 Feb 2022 14:15

Tgt Ion:105 Resp: 8849
Ion Ratio Lower Upper
105 100
134 34.8 10.2 30.4#

