

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007579.D
 Acq On : 22 Feb 2022 13:45
 Operator : SY/MD
 Sample : N1600-05
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA6

Quant Time: Feb 22 14:37:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

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

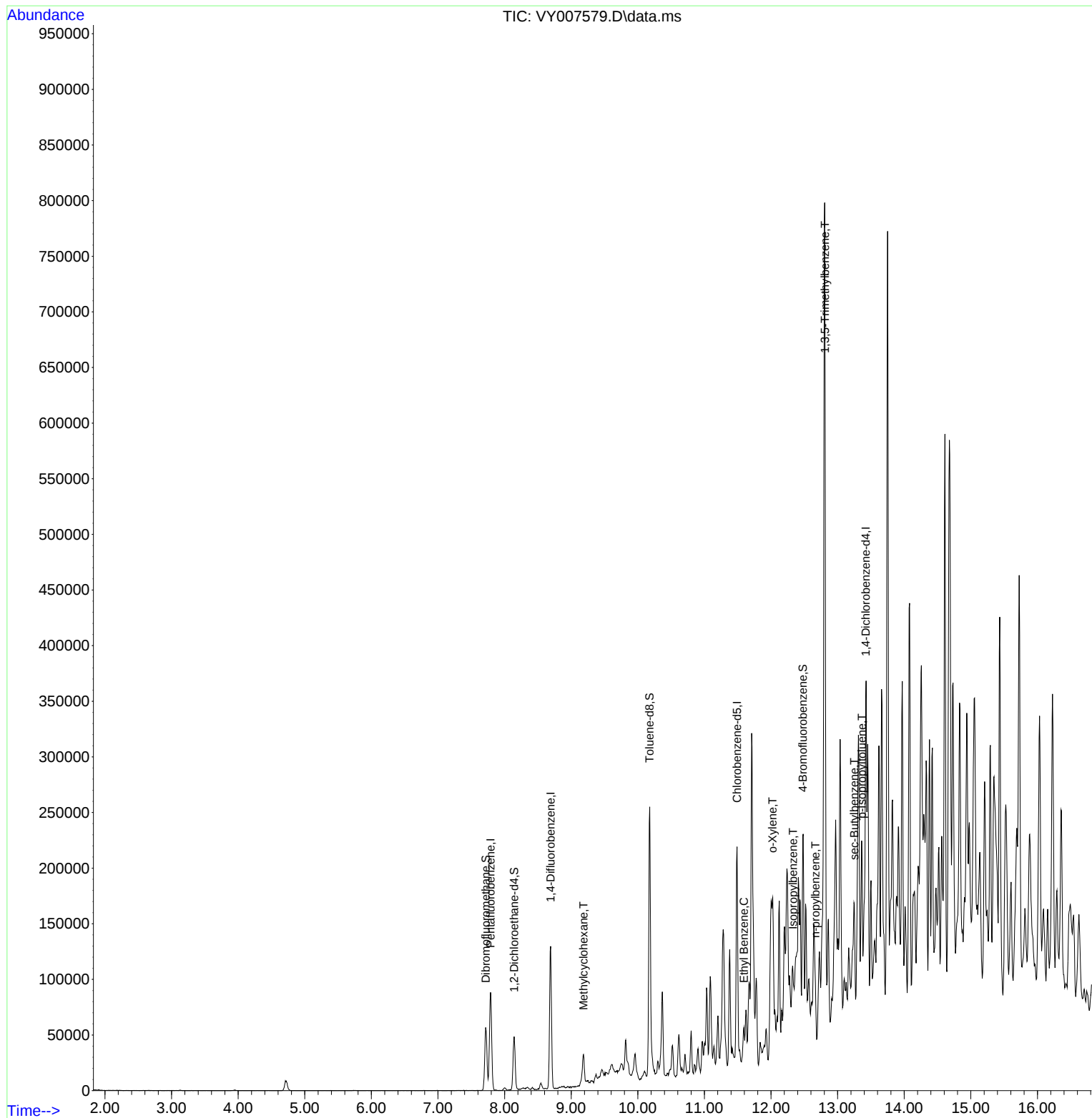
Internal Standards						
1) Pentafluorobenzene	7.789	168	63913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	105994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	100147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37759	57.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.080%
35) Dibromofluoromethane	7.716	113	35352	52.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.200%
50) Toluene-d8	10.179	98	129594	55.612	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.220%
62) 4-Bromofluorobenzene	12.477	95	46277	54.845	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.700%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.185	83	12023	9.694	ug/l	# 79
67) Ethyl Benzene	11.593	91	14091	3.787	ug/l	93
69) o-Xylene	12.026	106	24571	18.189	ug/l	99
73) Isopropylbenzene	12.331	105	16847	4.743	ug/l	100
78) n-propylbenzene	12.666	91	23576	5.694	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	83506	28.046	ug/l	98
85) sec-Butylbenzene	13.251	105	36327	9.490	ug/l	86
86) p-Isopropyltoluene	13.367	119	21034	6.525	ug/l	95

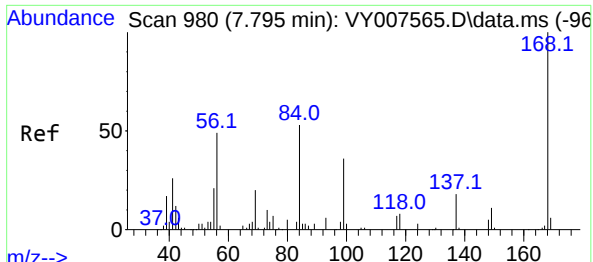
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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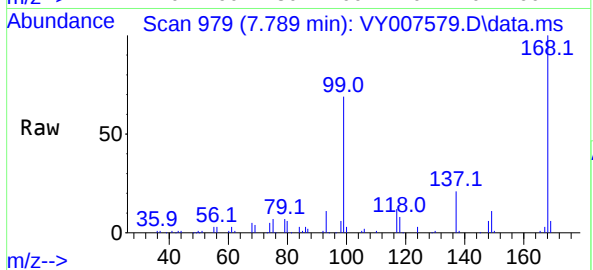
Quant Time: Feb 22 14:37:06 2022
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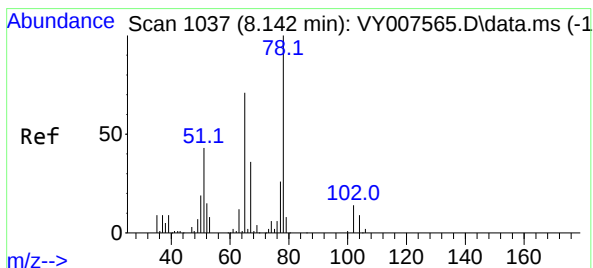
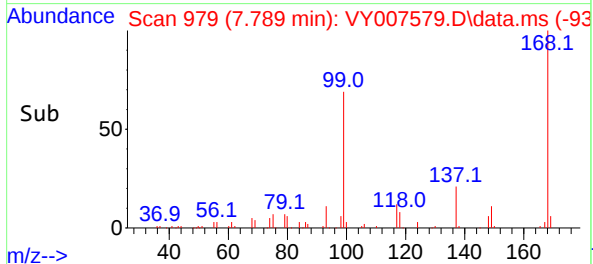
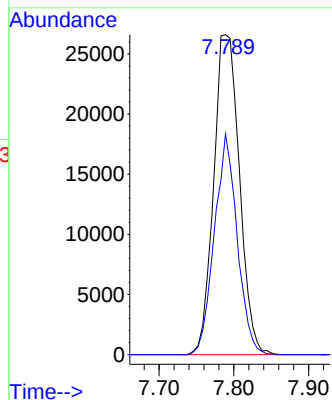


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007579.D
Acq: 22 Feb 2022 13:45

Instrument :
MSVOA_Y
ClientSampleId :
C0AA6

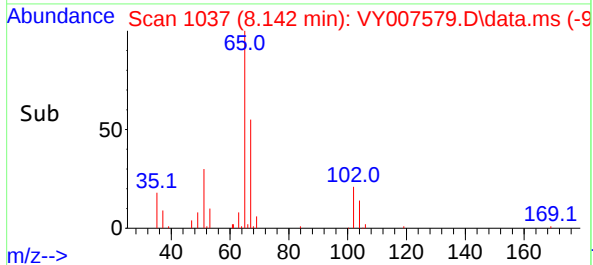
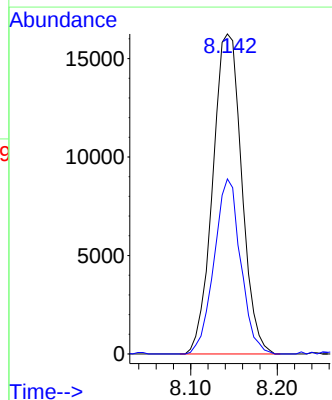
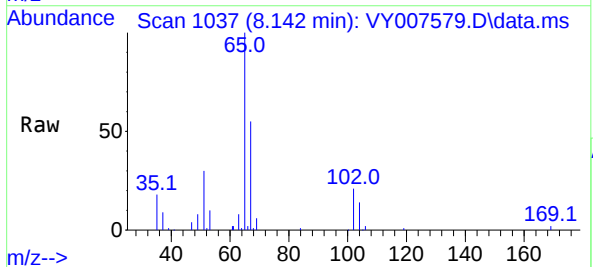


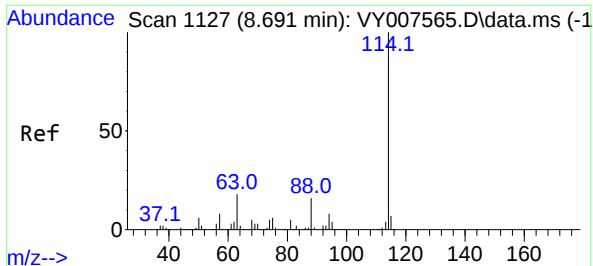
Tgt Ion:168 Resp: 63913
Ion Ratio Lower Upper
168 100
99 69.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.042 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007579.D
Acq: 22 Feb 2022 13:45

Tgt Ion: 65 Resp: 37759
Ion Ratio Lower Upper
65 100
67 50.1 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: VY007579.D

Acq: 22 Feb 2022 13:45

Instrument :

MSVOA_Y

ClientSampleId :

C0AA6

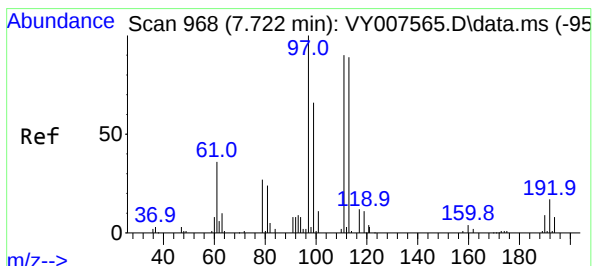
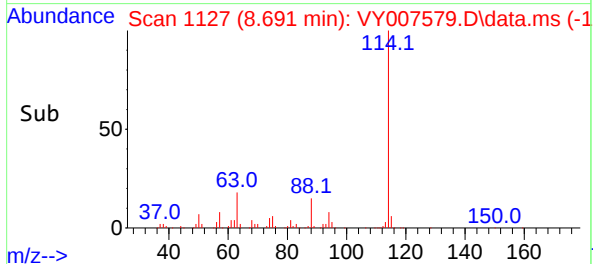
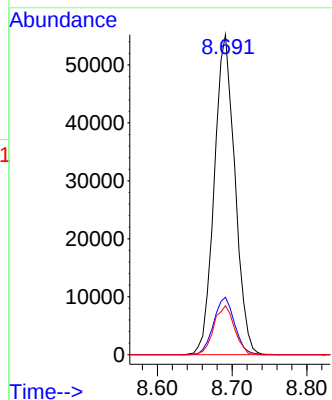
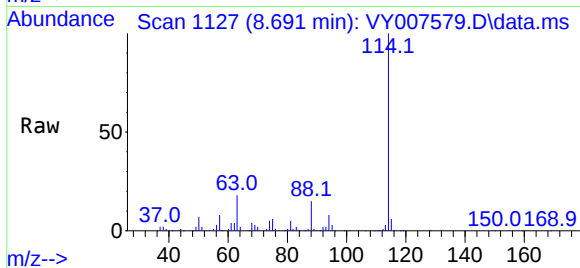
Tgt Ion:114 Resp: 105994

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.600 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007579.D

Acq: 22 Feb 2022 13:45

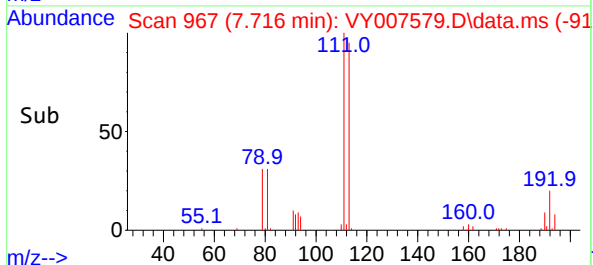
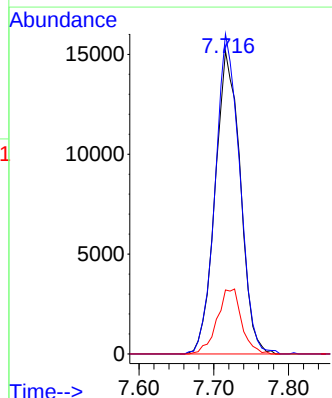
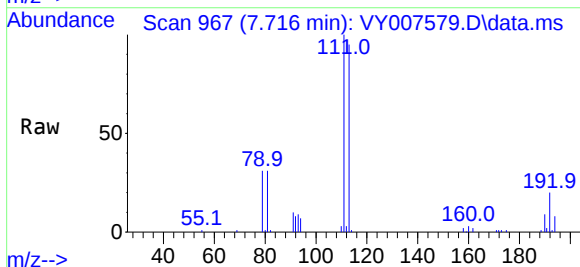
Tgt Ion:113 Resp: 35352

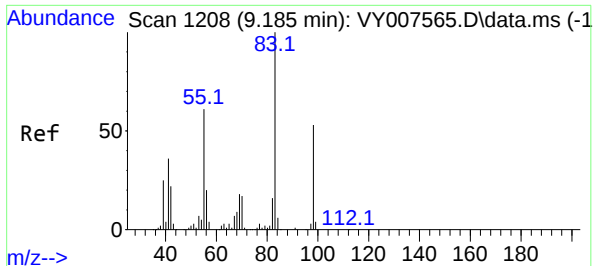
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 20.9 17.6 26.4





#39

Methylcyclohexane

Concen: 9.694 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007579.D

Acq: 22 Feb 2022 13:45

Instrument :

MSVOA_Y

ClientSampleId :

C0AA6

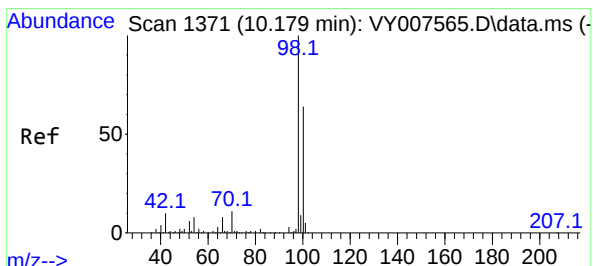
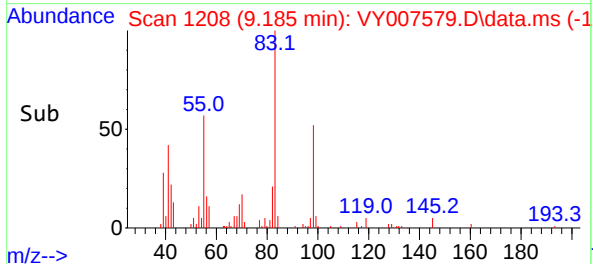
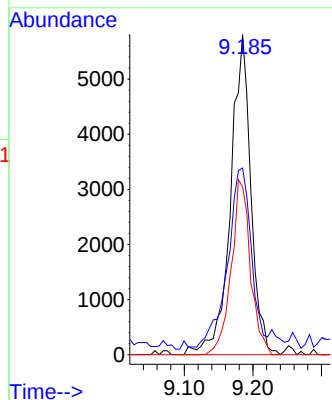
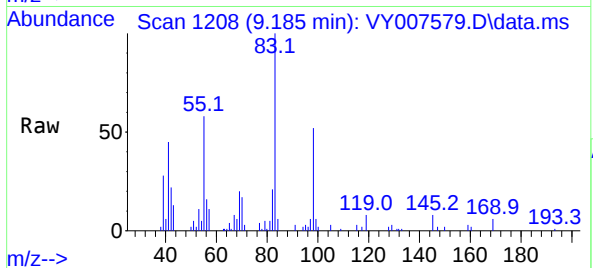
Tgt Ion: 83 Resp: 12023

Ion Ratio Lower Upper

83 100

55 56.6 66.5 99.7#

98 52.4 37.9 56.9



#50

Toluene-d8

Concen: 55.612 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007579.D

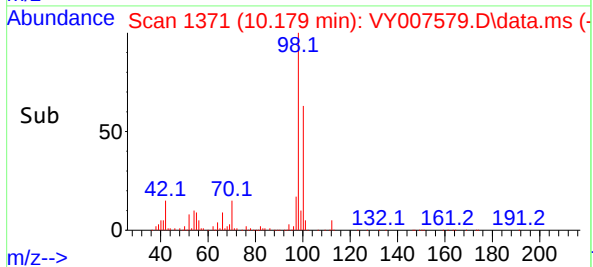
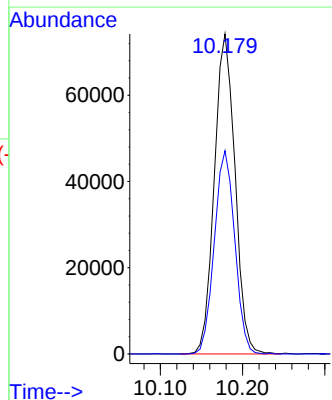
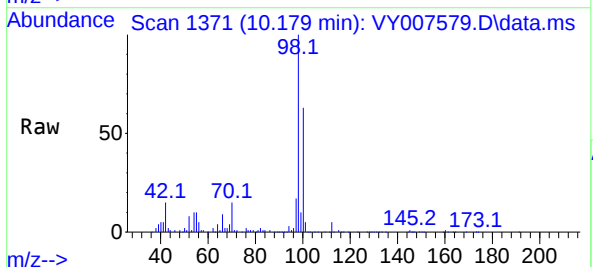
Acq: 22 Feb 2022 13:45

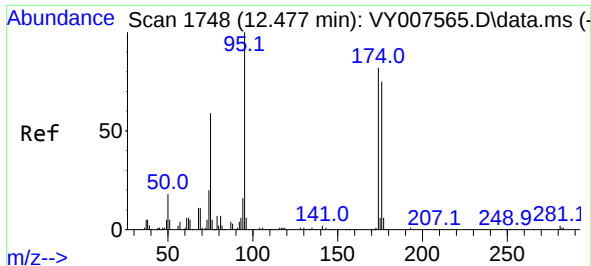
Tgt Ion: 98 Resp: 129594

Ion Ratio Lower Upper

98 100

100 62.7 50.2 75.2

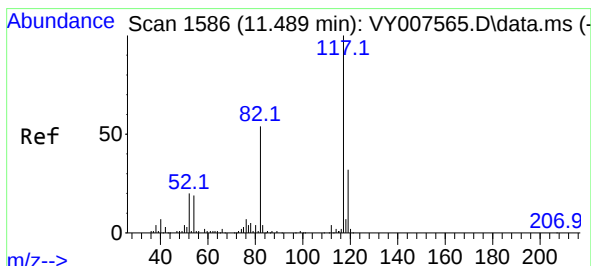
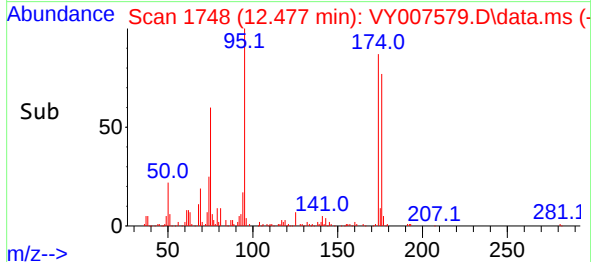
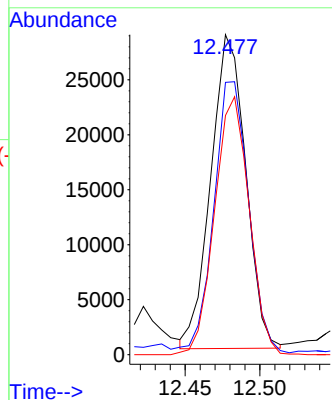
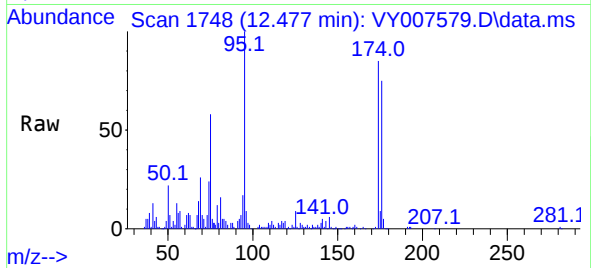




#62
4-Bromofluorobenzene
Concen: 54.845 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007579.D
Acq: 22 Feb 2022 13:45

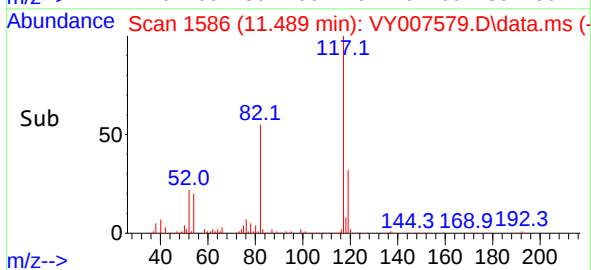
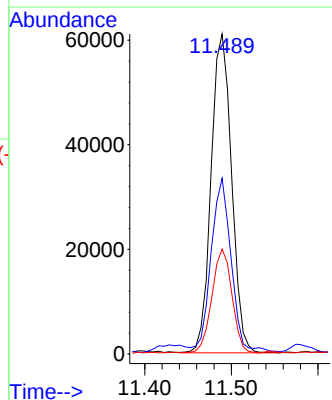
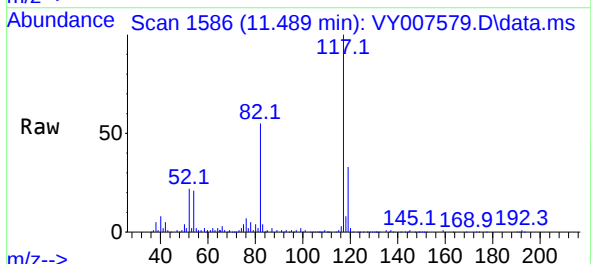
Instrument :
MSVOA_Y
ClientSampleId :
C0AA6

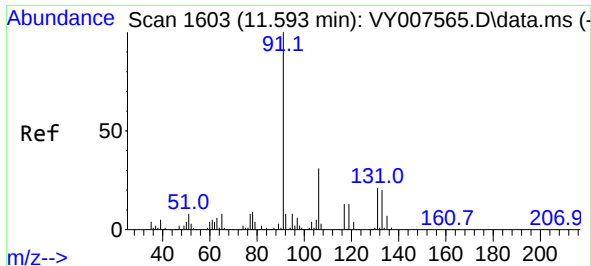
Tgt Ion: 95 Resp: 46277
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 81.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007579.D
Acq: 22 Feb 2022 13:45

Tgt Ion: 117 Resp: 100147
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.5 25.4 38.0

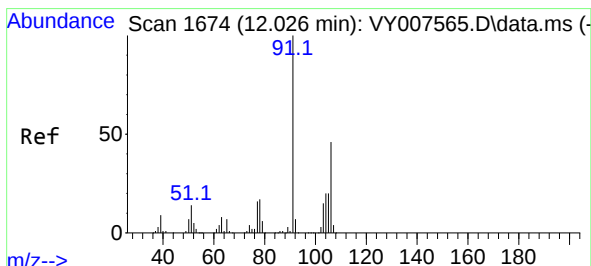
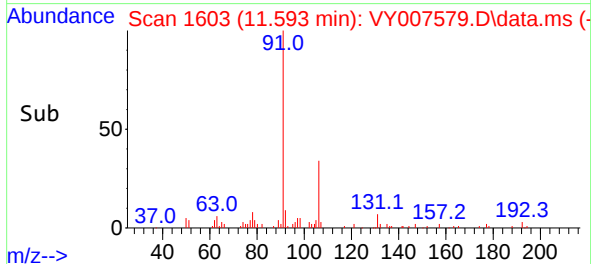
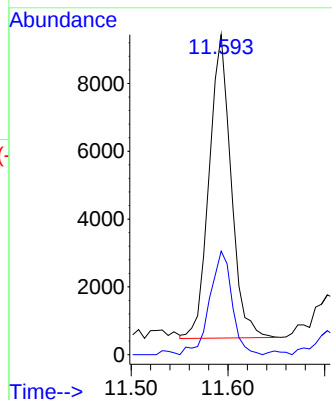
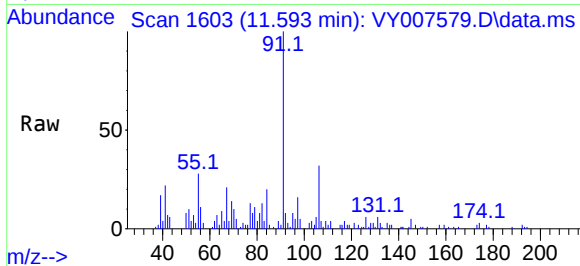




#67
Ethyl Benzene
Concen: 3.787 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007579.D
Acq: 22 Feb 2022 13:45

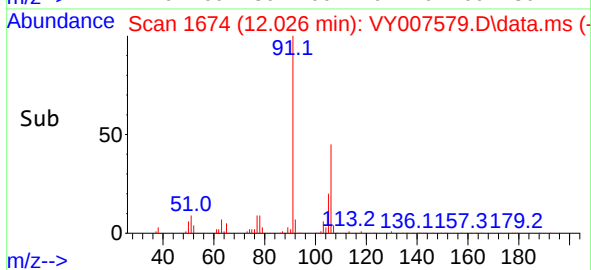
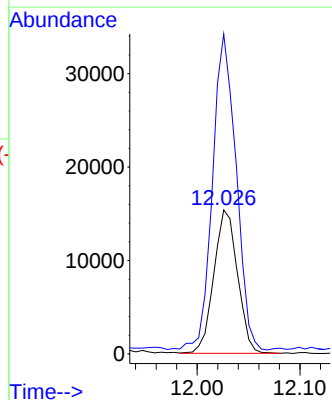
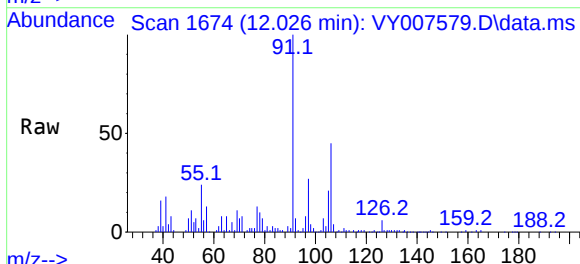
Instrument :
MSVOA_Y
ClientSampleId :
C0AA6

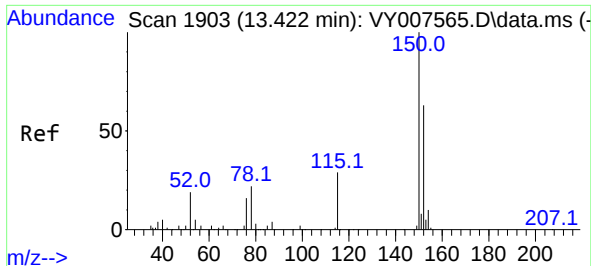
Tgt Ion: 91 Resp: 14091
Ion Ratio Lower Upper
91 100
106 34.2 24.5 36.7



#69
o-Xylene
Concen: 18.189 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY007579.D
Acq: 22 Feb 2022 13:45

Tgt Ion:106 Resp: 24571
Ion Ratio Lower Upper
106 100
91 218.9 110.3 331.0

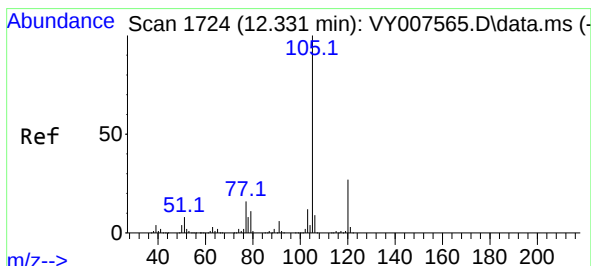
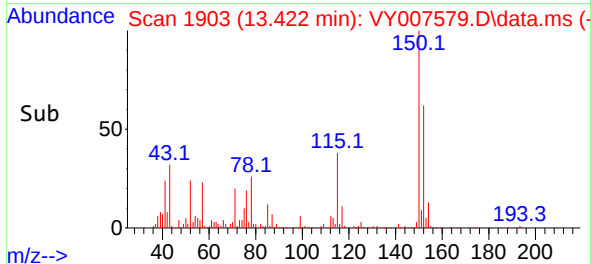
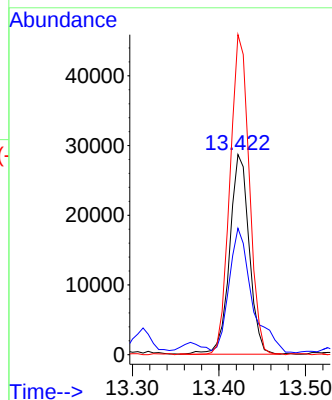
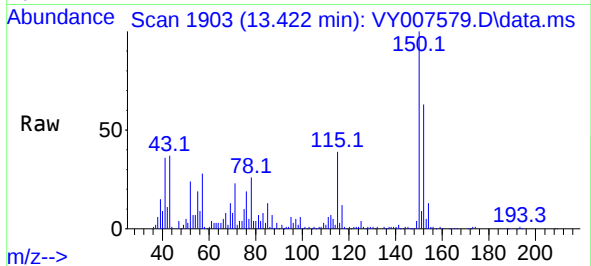




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007579.D
Acq: 22 Feb 2022 13:45

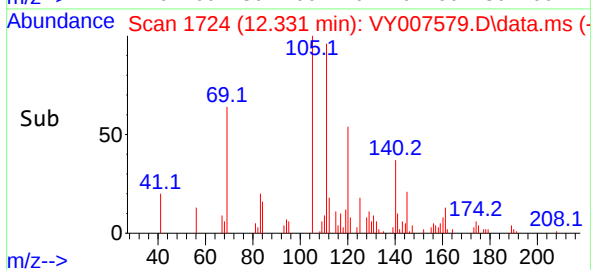
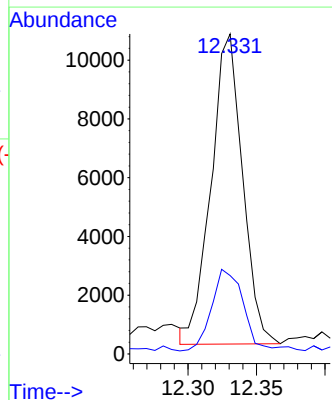
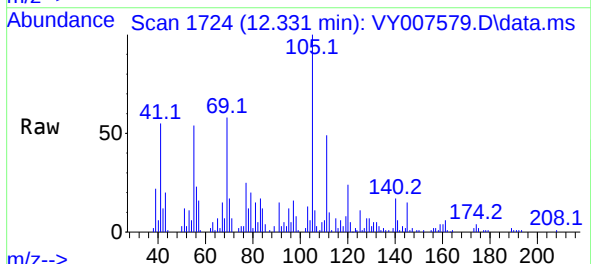
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ClientSampleId :
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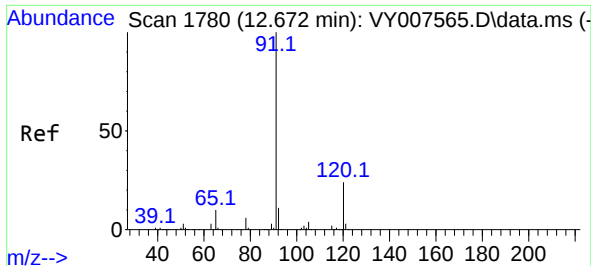
Tgt Ion:152 Resp: 44871
Ion Ratio Lower Upper
152 100
115 73.2 28.2 84.7
150 158.4 0.0 347.6



#73
Isopropylbenzene
Concen: 4.743 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007579.D
Acq: 22 Feb 2022 13:45

Tgt Ion:105 Resp: 16847
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2

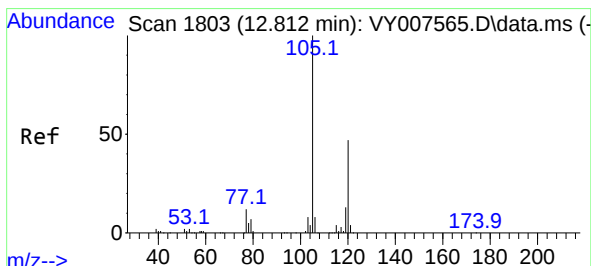
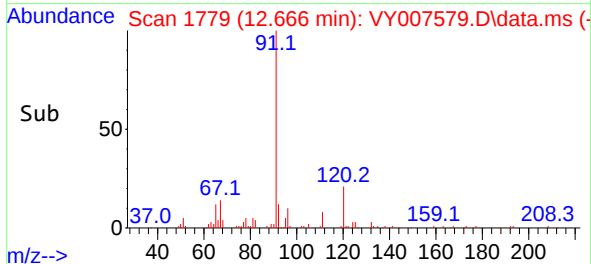
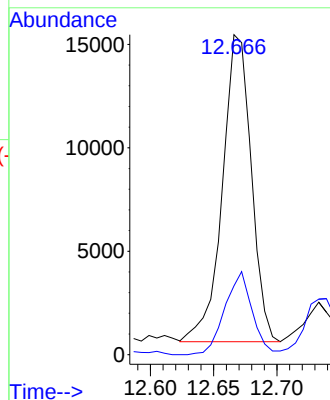
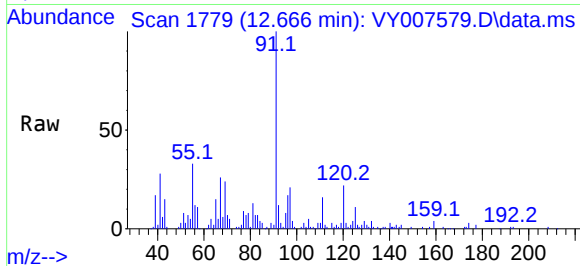




#78
n-propylbenzene
Concen: 5.694 ug/l
RT: 12.666 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007579.D
Acq: 22 Feb 2022 13:45

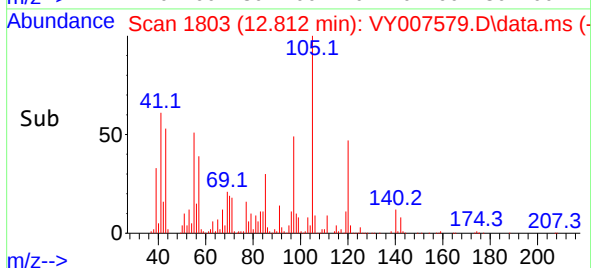
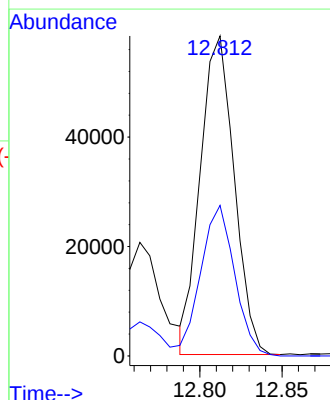
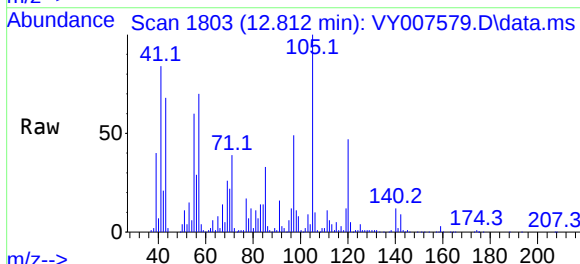
Instrument :
MSVOA_Y
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C0AA6

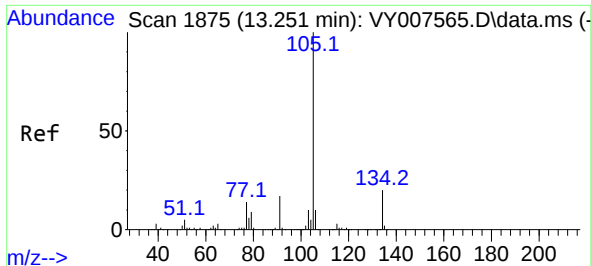
Tgt Ion: 91 Resp: 23576
Ion Ratio Lower Upper
91 100
120 25.8 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 28.046 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007579.D
Acq: 22 Feb 2022 13:45

Tgt Ion: 105 Resp: 83506
Ion Ratio Lower Upper
105 100
120 47.6 24.4 73.4

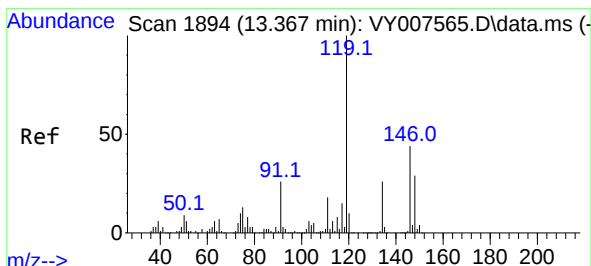
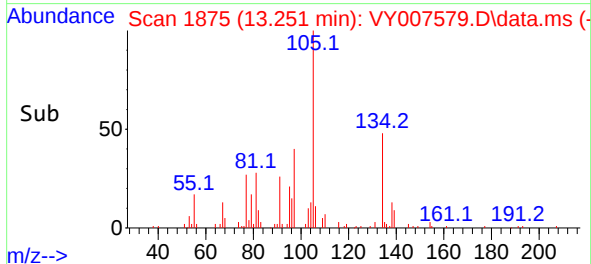
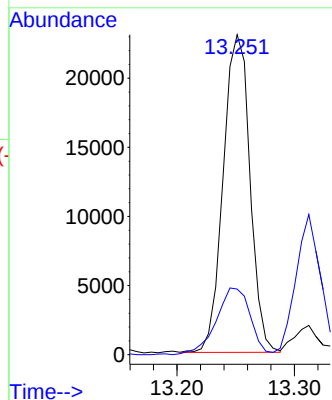
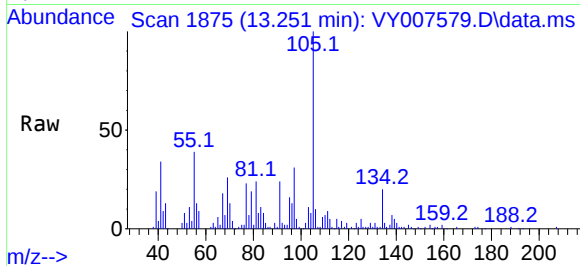




#85
 sec-Butylbenzene
 Concen: 9.490 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY007579.D
 Acq: 22 Feb 2022 13:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AA6

Tgt Ion:105 Resp: 36327
 Ion Ratio Lower Upper
 105 100
 134 26.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 6.525 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY007579.D
 Acq: 22 Feb 2022 13:45

Tgt Ion:119 Resp: 21034
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.2 39.5
 91 28.4 12.4 37.2

