

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007620.D
 Acq On : 24 Feb 2022 16:16
 Operator : SY/MD
 Sample : N1539-01
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-1

Quant Time: Feb 25 05:42:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

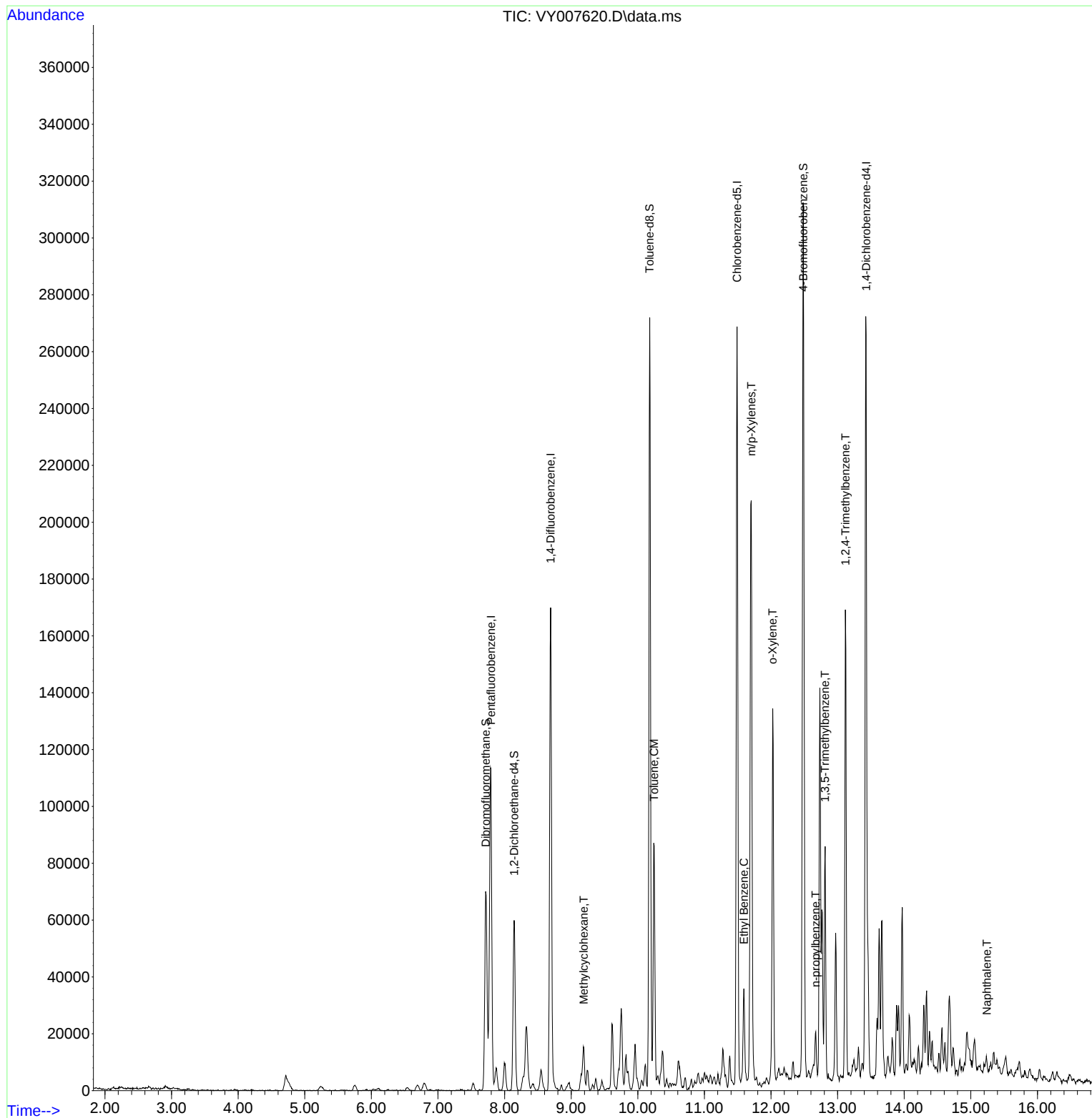
Internal Standards						
1) Pentafluorobenzene	7.795	168	85173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	144162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	144241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48166	50.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.660%	
35) Dibromofluoromethane	7.716	113	46393	51.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.000%	
50) Toluene-d8	10.179	98	171400	50.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.720%	
62) 4-Bromofluorobenzene	12.483	95	60174	52.316	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.640%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.191	83	4758	1.307	ug/l	84
52) Toluene	10.246	92	35085	13.753	ug/l	98
67) Ethyl Benzene	11.593	91	20744	3.934	ug/l	93
68) m/p-Xylenes	11.703	106	66474	32.190	ug/l	94
69) o-Xylene	12.026	106	33656	16.571	ug/l	96
78) n-propylbenzene	12.672	91	10061	1.680	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	39563	8.969	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	85913	19.872	ug/l	98
95) Naphthalene	15.239	128	3599	1.054	ug/l #	94

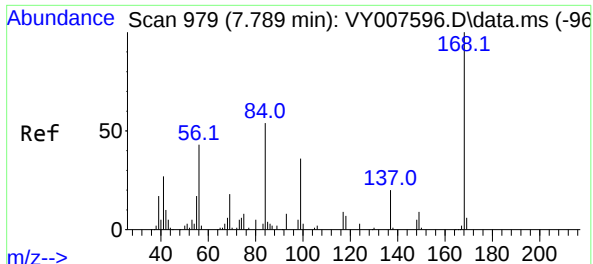
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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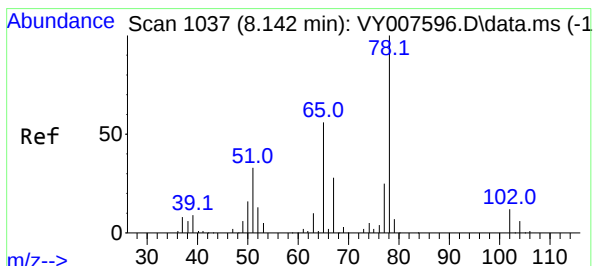
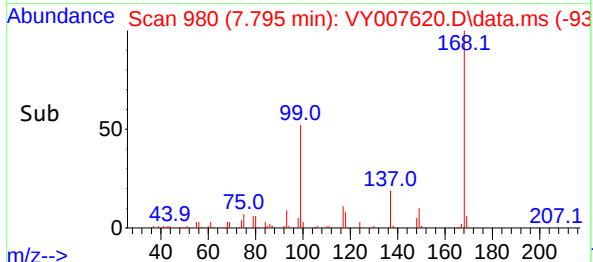
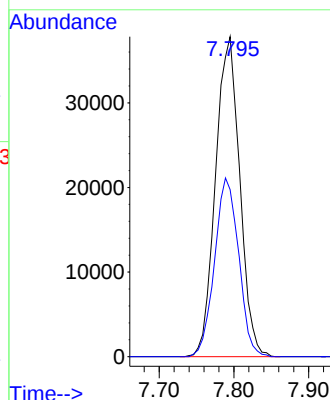
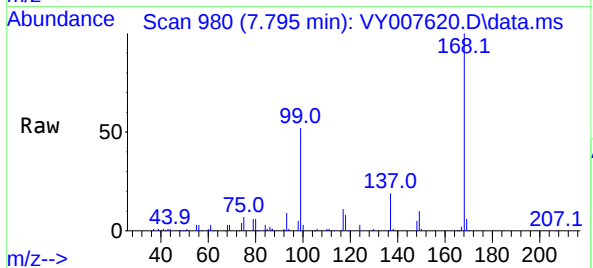




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

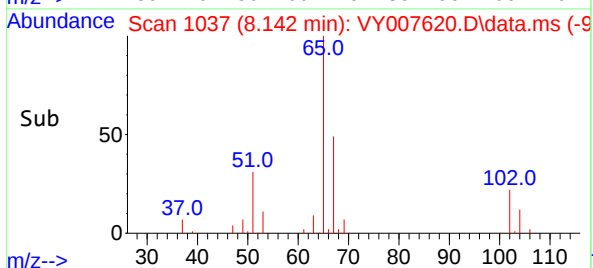
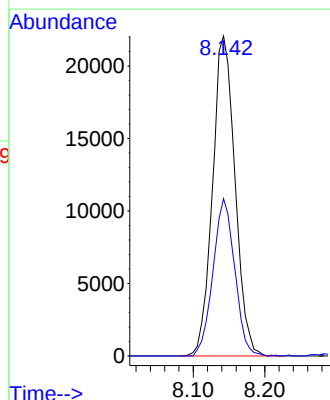
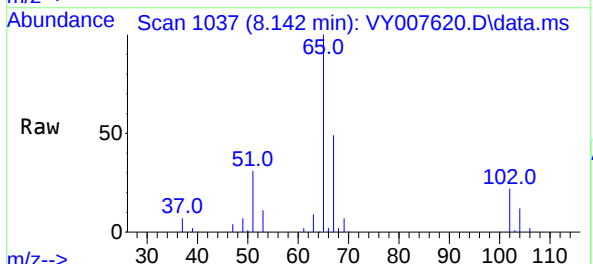
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

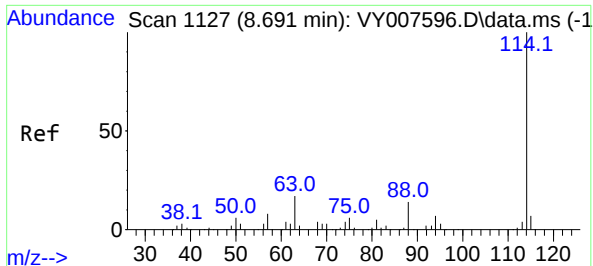
Tgt Ion:168 Resp: 85173
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.834 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

Tgt Ion: 65 Resp: 48166
Ion Ratio Lower Upper
65 100
67 47.4 0.0 99.4

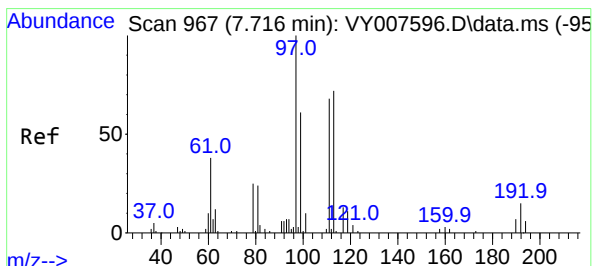
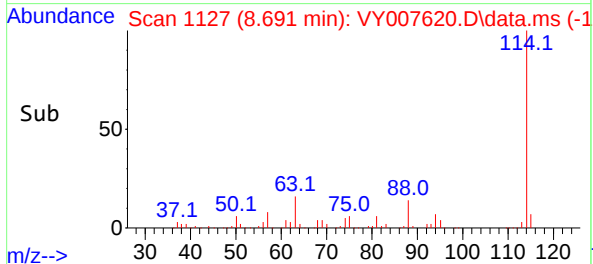
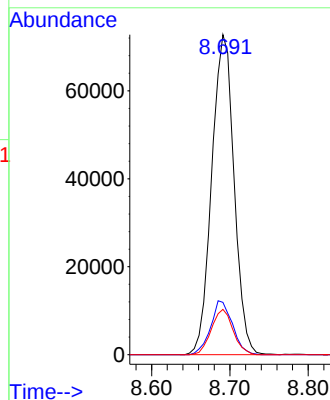
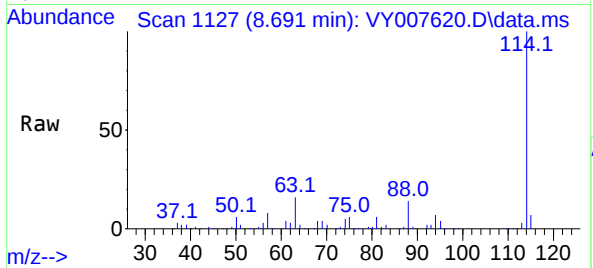




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

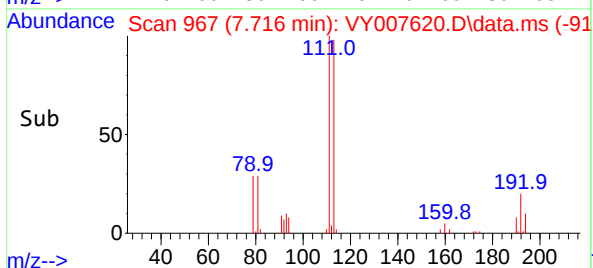
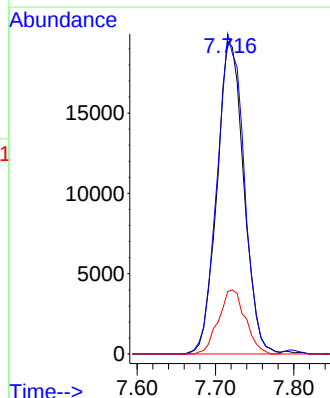
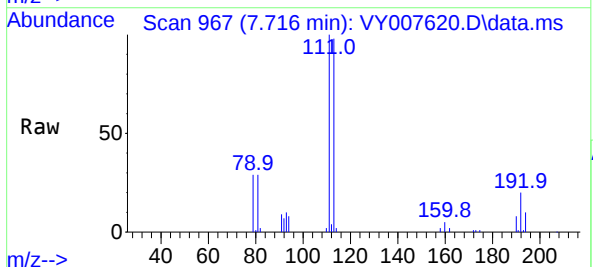
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

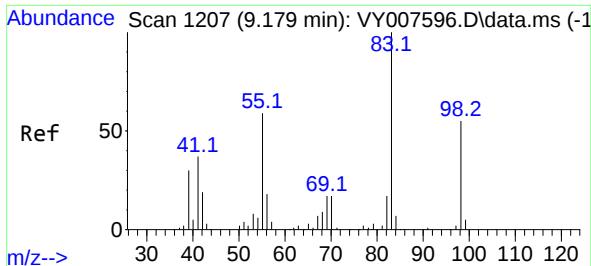
Tgt Ion:114 Resp: 144162
Ion Ratio Lower Upper
114 100
63 16.4 0.0 43.2
88 14.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.001 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

Tgt Ion:113 Resp: 46393
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.5 17.6 26.4





#39

Methylcyclohexane

Concen: 1.307 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY007620.D

Acq: 24 Feb 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

PE-1

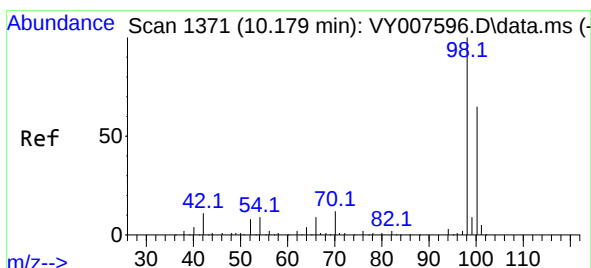
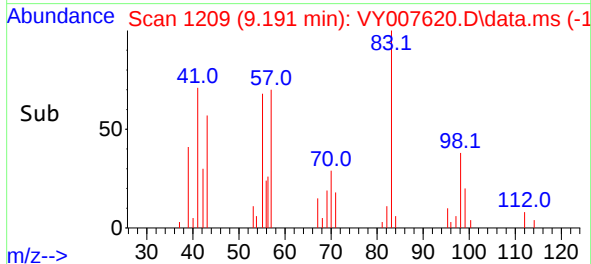
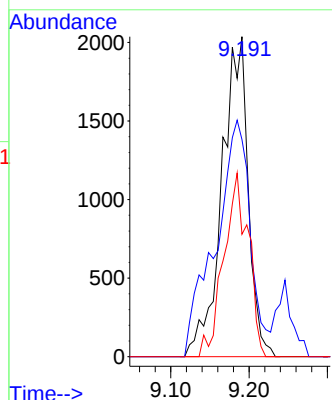
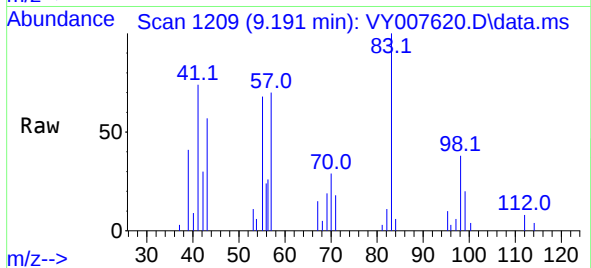
Tgt Ion: 83 Resp: 4758

Ion Ratio Lower Upper

83 100

55 67.8 66.5 99.7

98 38.2 37.9 56.9



#50

Toluene-d8

Concen: 50.858 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY007620.D

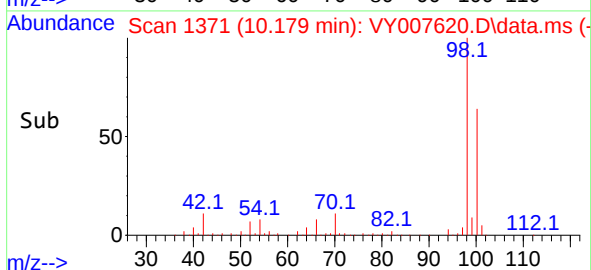
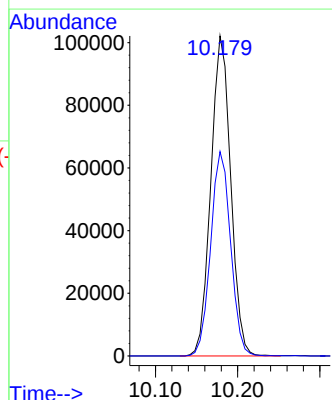
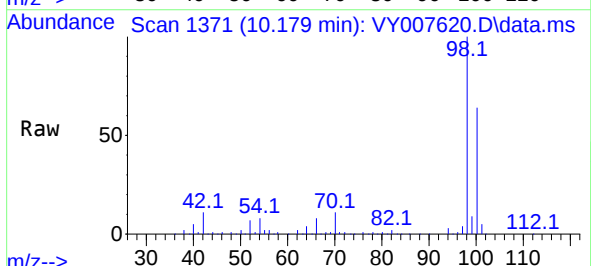
Acq: 24 Feb 2022 16:16

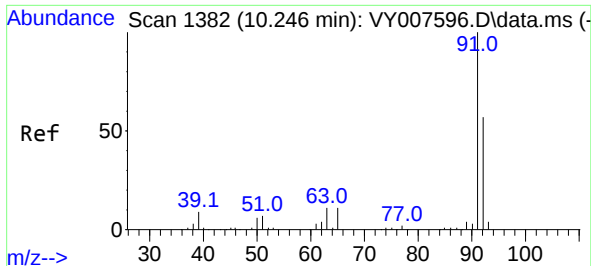
Tgt Ion: 98 Resp: 171400

Ion Ratio Lower Upper

98 100

100 64.1 50.2 75.2

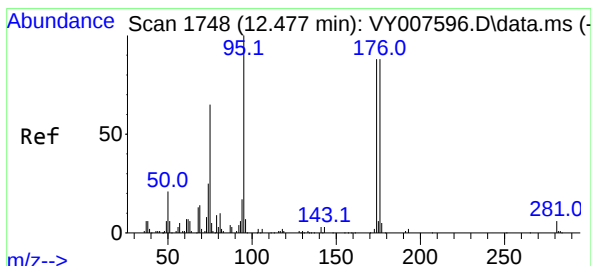
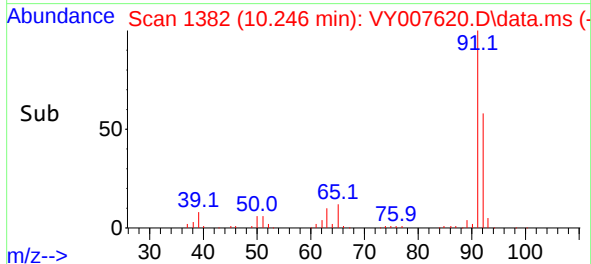
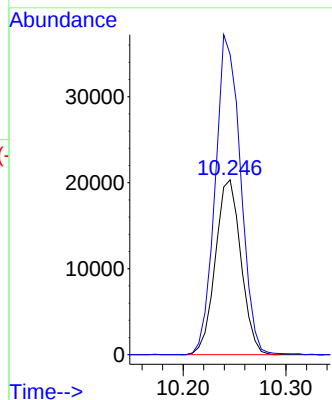
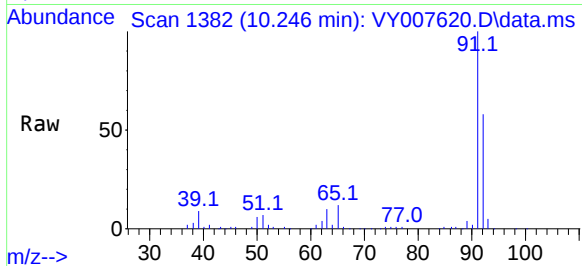




#52
Toluene
Concen: 13.753 ug/l
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

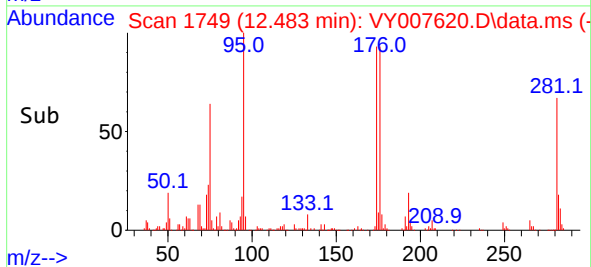
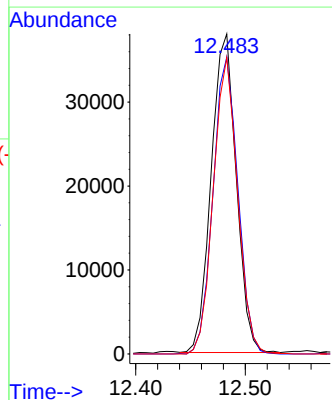
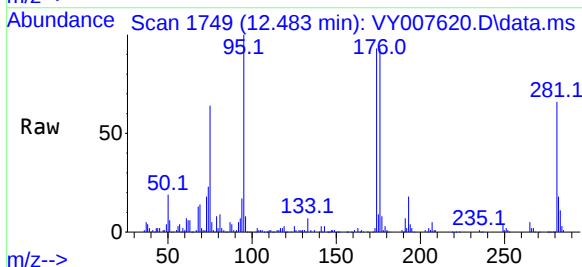
Instrument :
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ClientSampleId :
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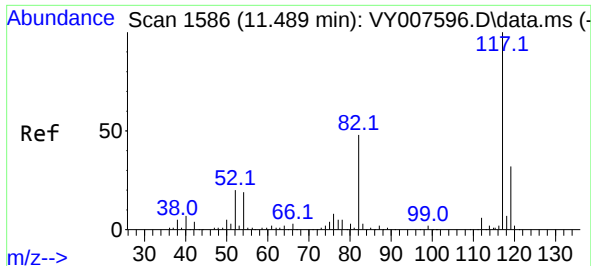
Tgt Ion: 92 Resp: 35085
Ion Ratio Lower Upper
92 100
91 181.6 142.6 213.8



#62
4-Bromofluorobenzene
Concen: 52.316 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

Tgt Ion: 95 Resp: 60174
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 90.2 0.0 175.8

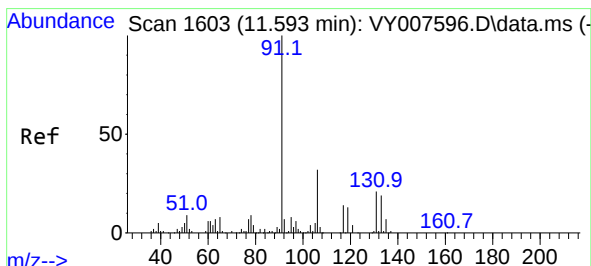
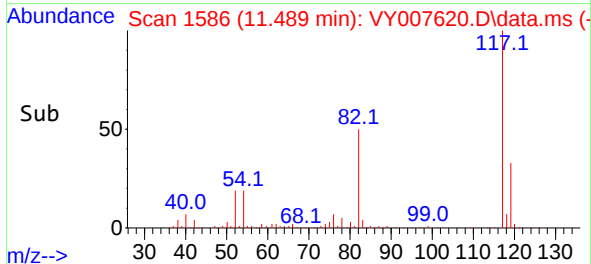
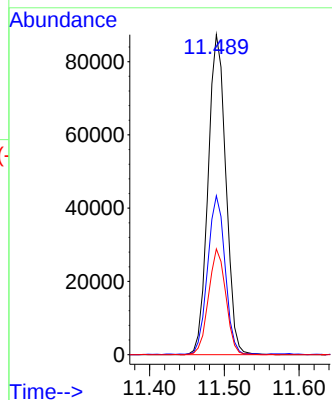
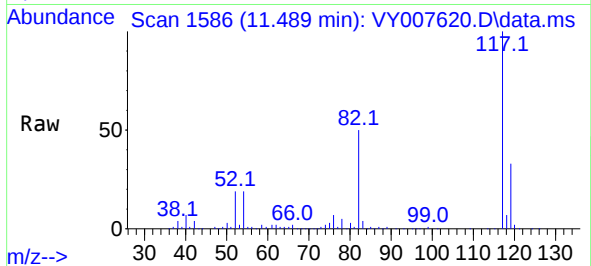




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

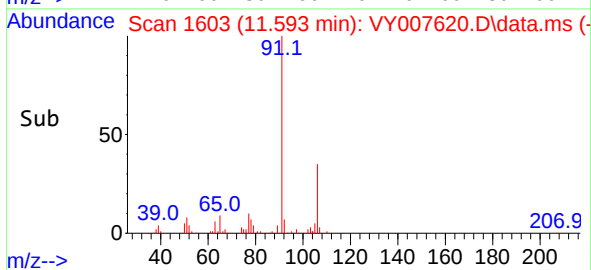
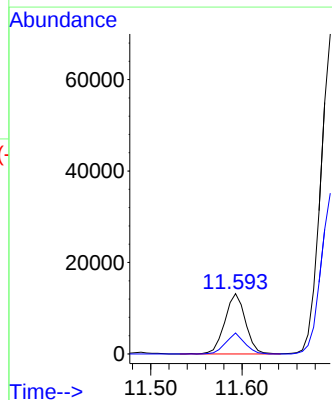
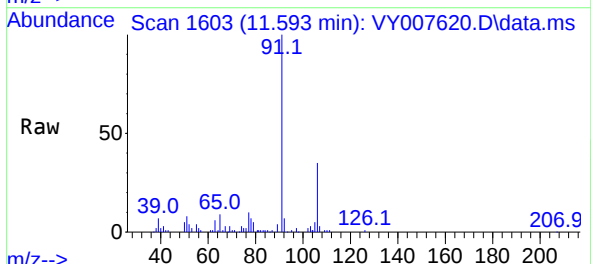
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

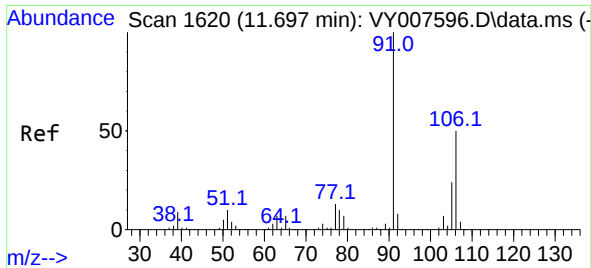
Tgt Ion:117 Resp: 144241
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 33.0 25.4 38.0



#67
Ethyl Benzene
Concen: 3.934 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

Tgt Ion: 91 Resp: 20744
Ion Ratio Lower Upper
91 100
106 34.6 24.5 36.7

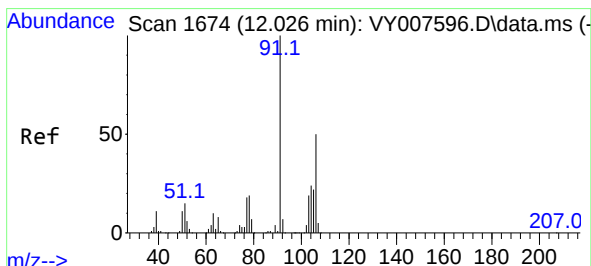
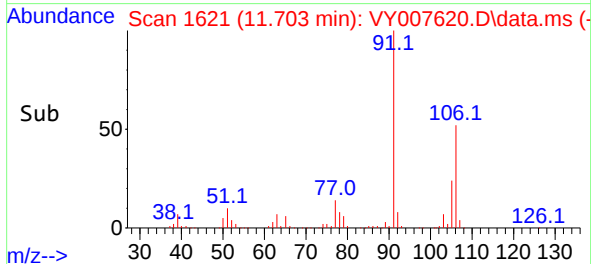
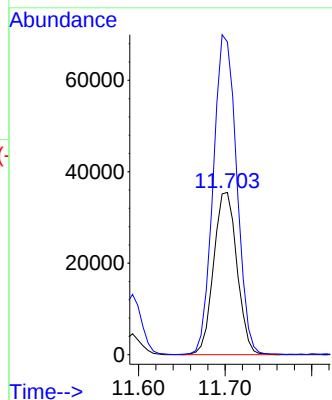
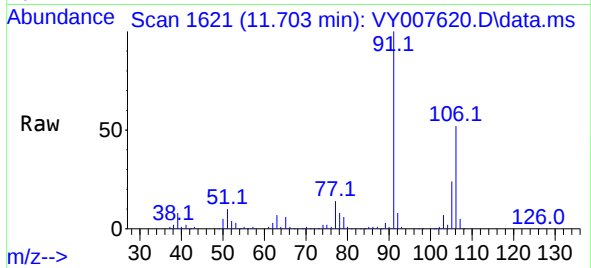




#68
m/p-Xylenes
Concen: 32.190 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

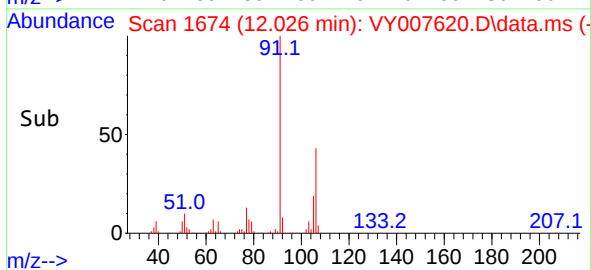
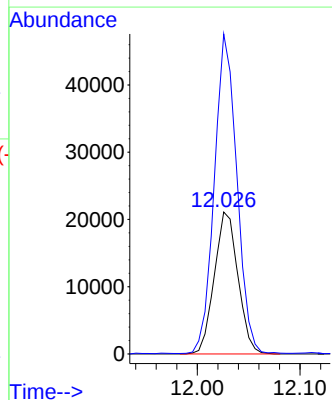
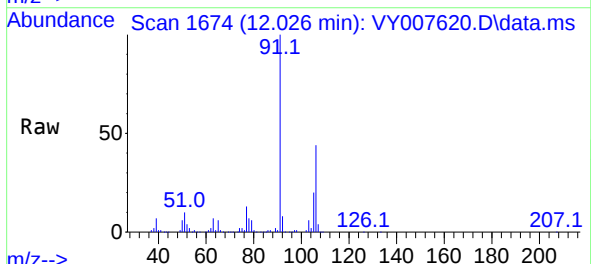
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ClientSampleId :
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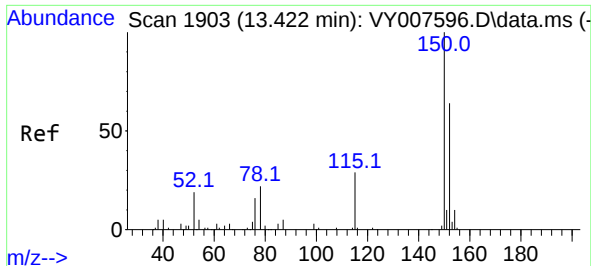
Tgt Ion:106 Resp: 66474
Ion Ratio Lower Upper
106 100
91 198.1 166.6 249.8



#69
o-Xylene
Concen: 16.571 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

Tgt Ion:106 Resp: 33656
Ion Ratio Lower Upper
106 100
91 214.5 110.3 331.0

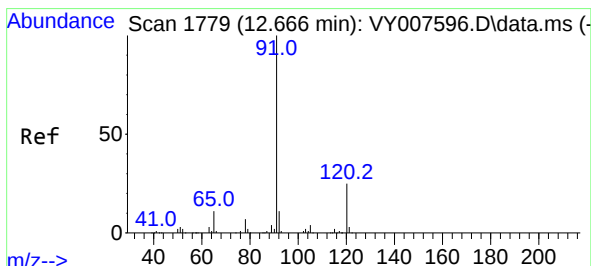
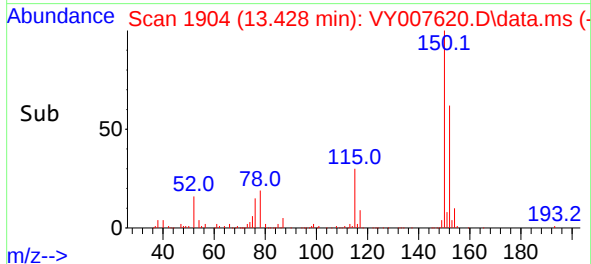
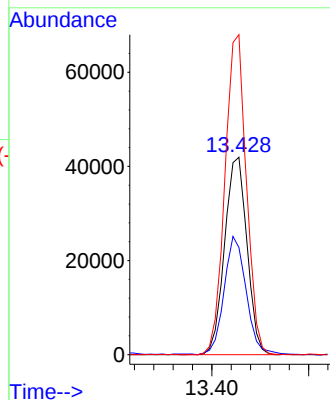
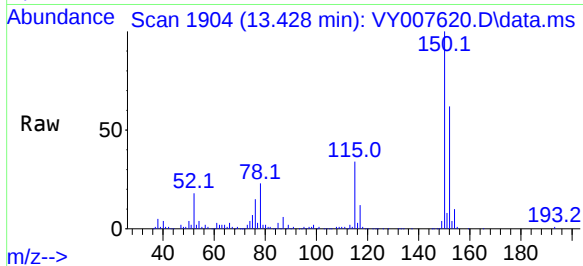




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

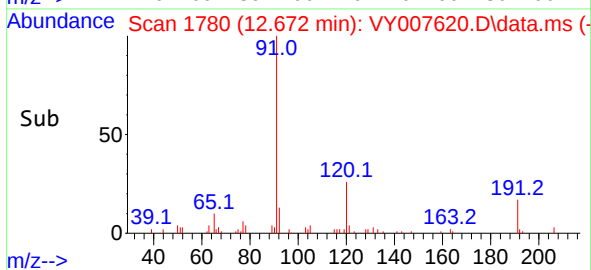
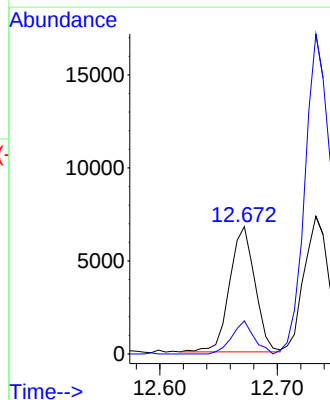
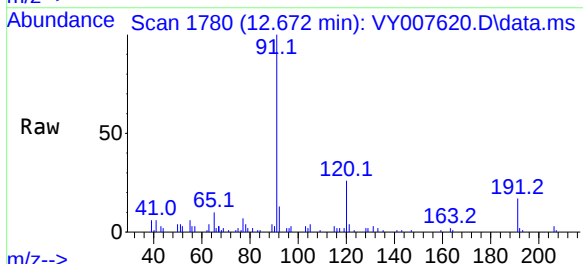
Instrument :
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ClientSampleId :
PE-1

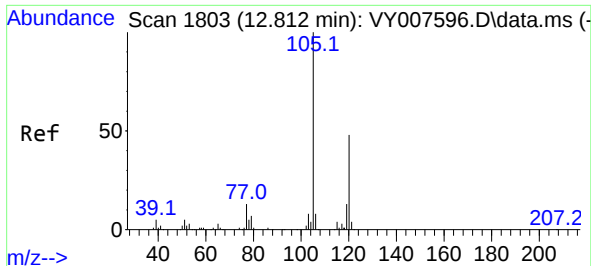
Tgt Ion:152 Resp: 67313
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 155.3 0.0 347.6



#78
n-propylbenzene
Concen: 1.680 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

Tgt Ion: 91 Resp: 10061
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.9

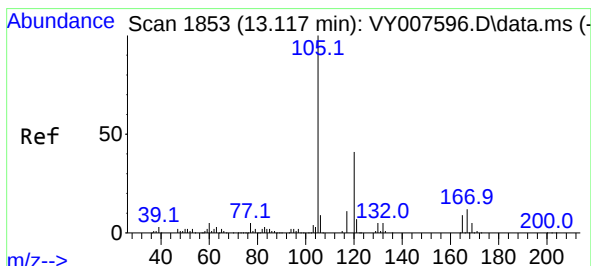
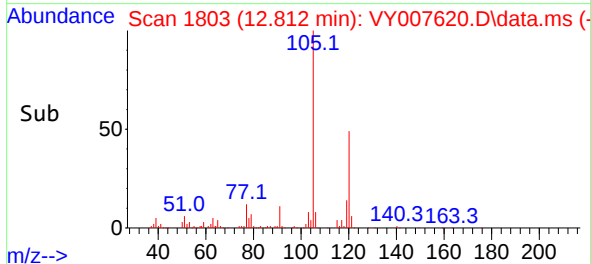
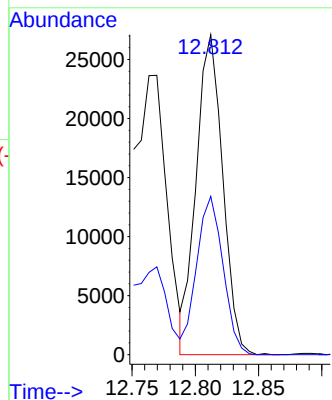
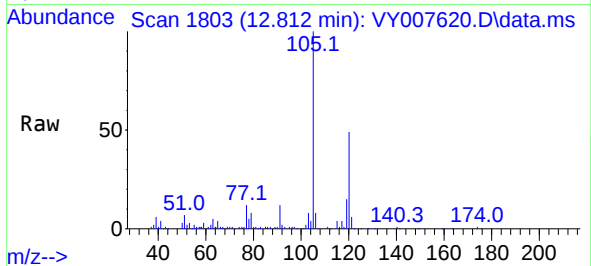




#80
1,3,5-Trimethylbenzene
Concen: 8.969 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

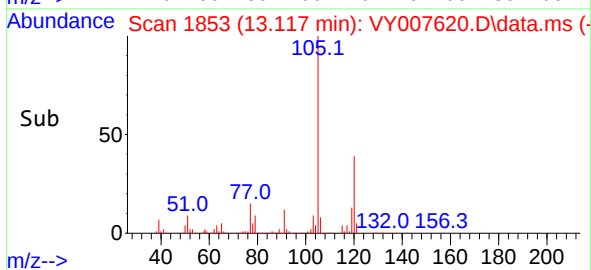
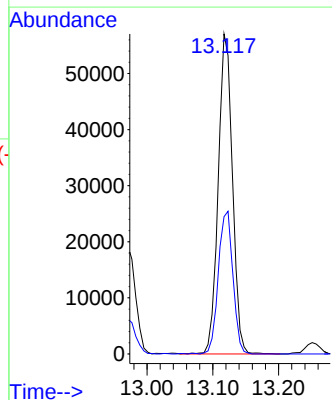
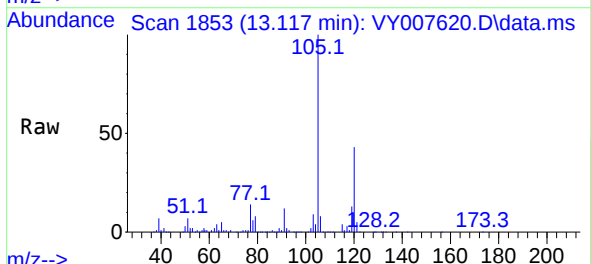
Instrument :
MSVOA_Y
ClientSampleId :
PE-1

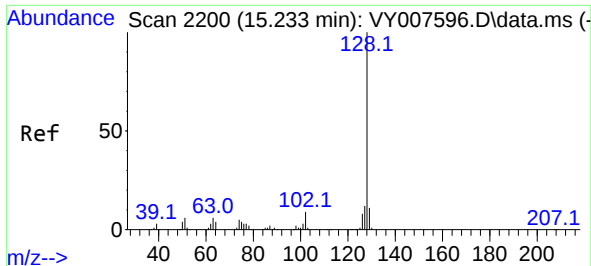
Tgt Ion:105 Resp: 39563
Ion Ratio Lower Upper
105 100
120 49.2 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 19.872 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007620.D
Acq: 24 Feb 2022 16:16

Tgt Ion:105 Resp: 85913
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.9





#95

Naphthalene

Concen: 1.054 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY007620.D

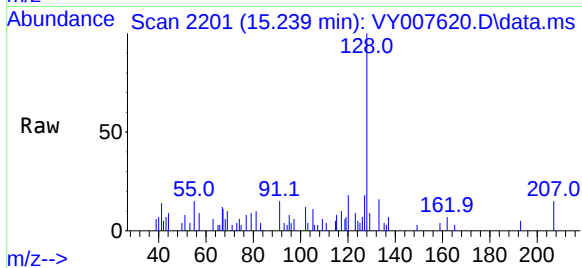
Acq: 24 Feb 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

PE-1



Tgt Ion:128 Resp: 3599

Ion Ratio Lower Upper

128 100

127 15.2 11.0 16.4

129 14.2 8.4 12.6#

