

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031821\
 Data File : VY004125.D
 Acq On : 18 Mar 2021 16:55
 Operator : SY/MD
 Sample : M1722-01
 Misc : 8.28g/5mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-031821

Quant Time: Mar 19 01:44:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

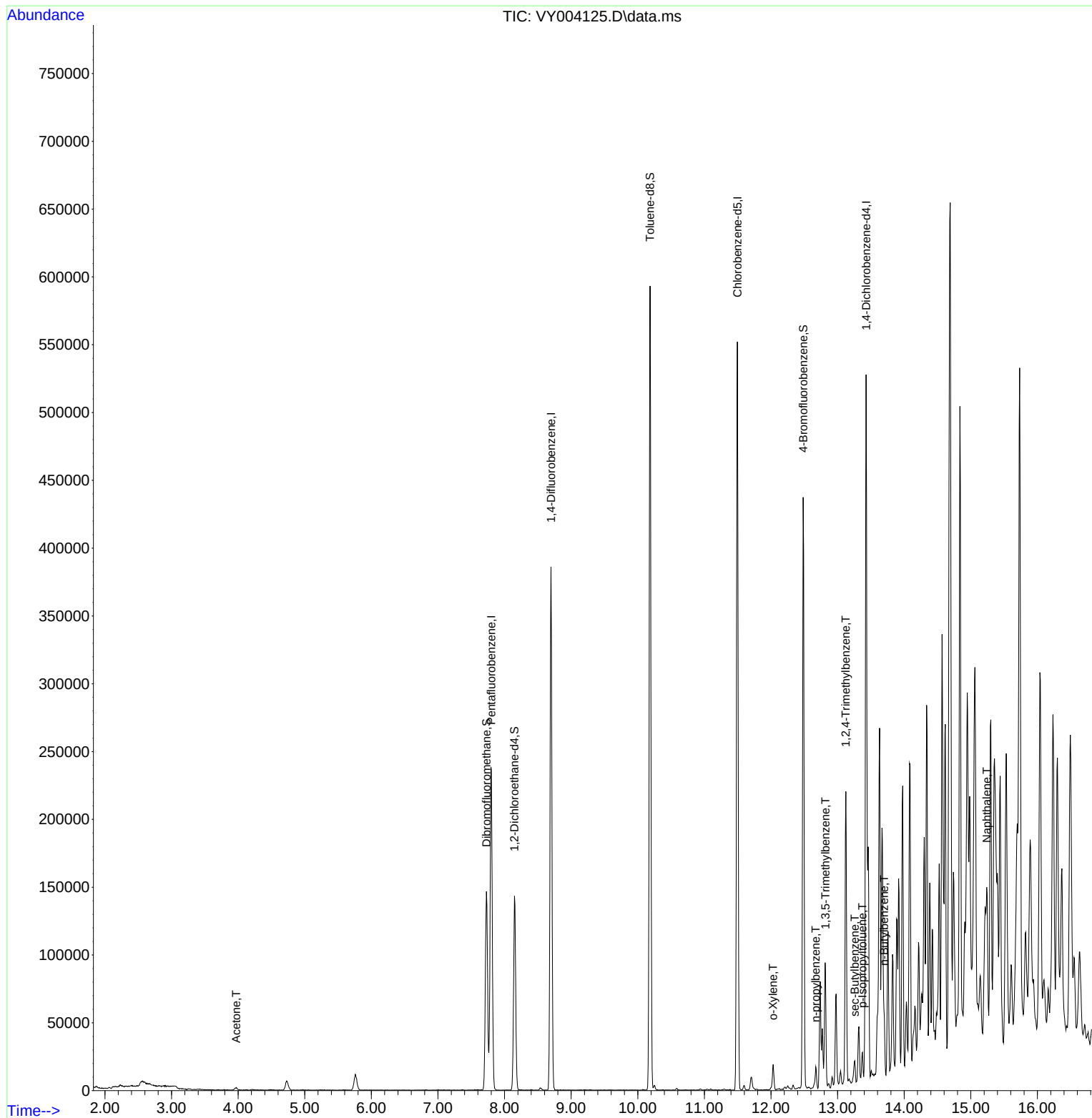
Internal Standards						
1) Pentafluorobenzene	7.801	168	189985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	325299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	300883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110216	58.79	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.58%
35) Dibromofluoromethane	7.728	113	102280	55.76	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.52%
50) Toluene-d8	10.185	98	385577	53.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.22%
62) 4-Bromofluorobenzene	12.483	95	132367	49.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.68%
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	3065	6.77	ug/l #	87
69) o-Xylene	12.032	106	4577	1.20	ug/l	98
78) n-propylbenzene	12.672	91	11456	1.08	ug/l	96
80) 1,3,5-Trimethylbenzene	12.819	105	37382	4.89	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	115721	15.11	ug/l	97
85) sec-Butylbenzene	13.258	105	10115	1.11	ug/l	83
86) p-Isopropyltoluene	13.373	119	9914	1.18	ug/l	99
89) n-Butylbenzene	13.697	91	20015	2.50	ug/l #	68
95) Naphthalene	15.239	128	58622	12.23	ug/l #	95

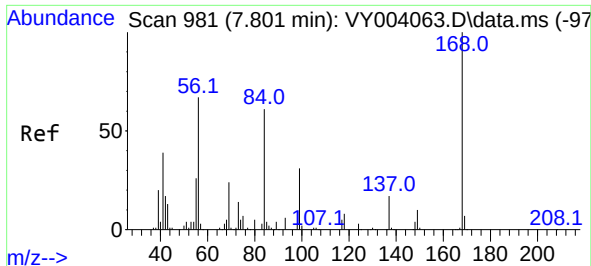
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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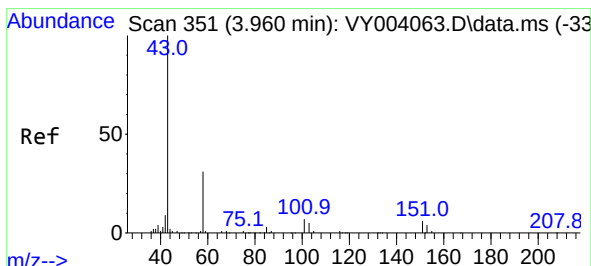
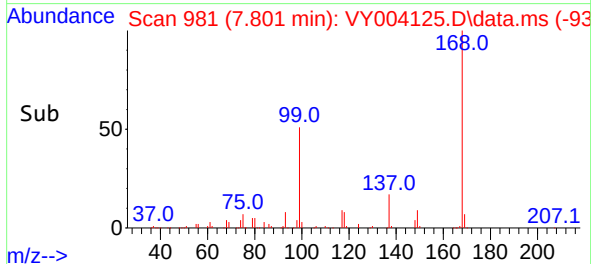
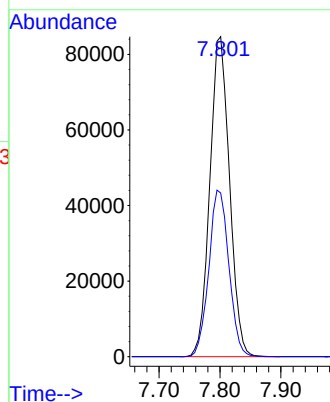
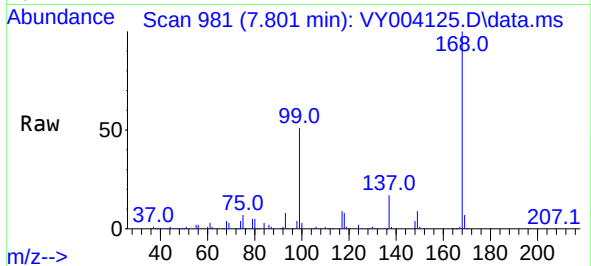




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

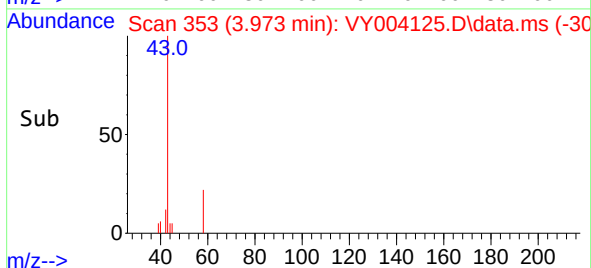
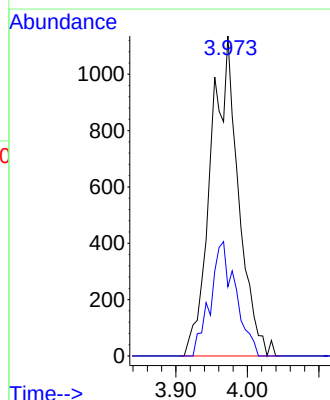
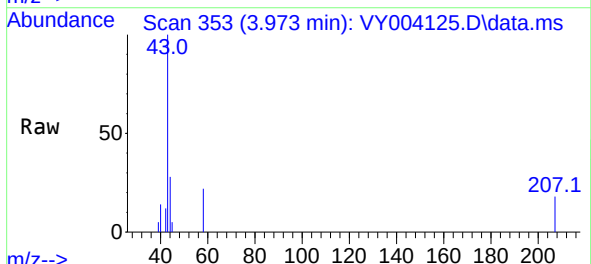
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-031821

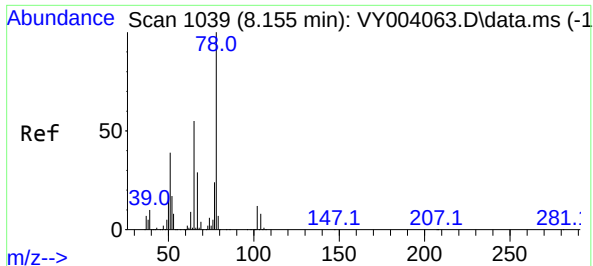
Tgt Ion:168 Resp: 189985
Ion Ratio Lower Upper
168 100
99 51.1 41.2 61.8



#16
Acetone
Concen: 6.77 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

Tgt Ion: 43 Resp: 3065
Ion Ratio Lower Upper
43 100
58 21.7 22.6 34.0#

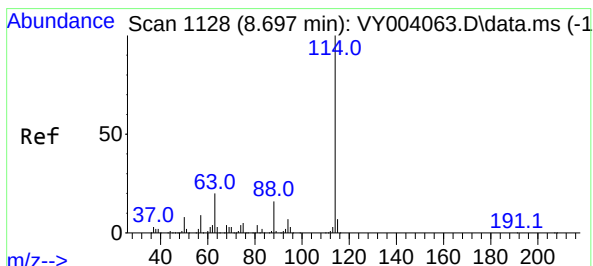
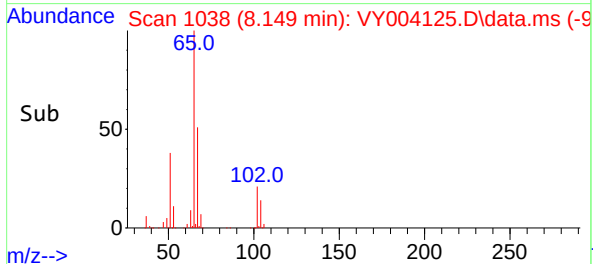
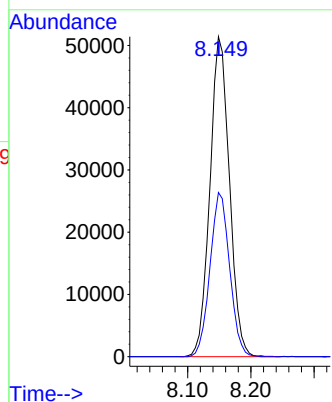
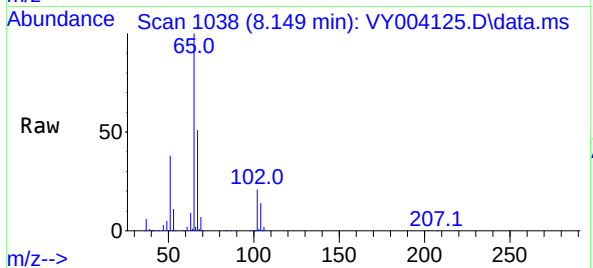




#33
1,2-Dichloroethane-d4
Concen: 58.79 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

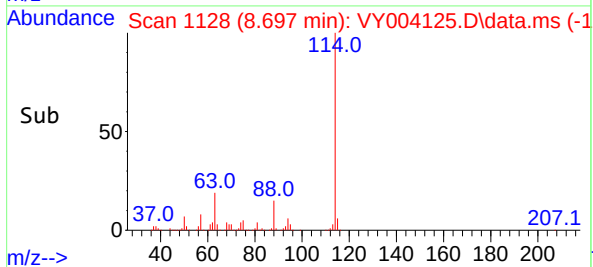
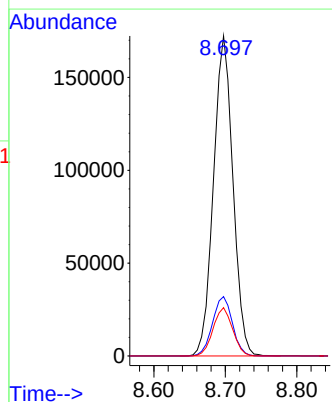
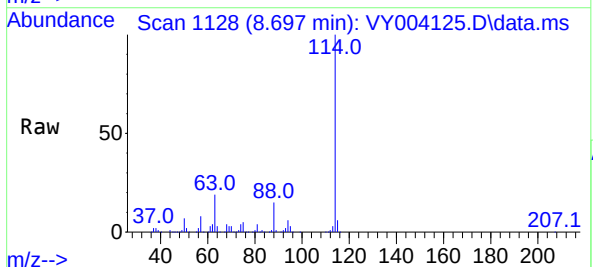
Instrument :
MSVOA_Y
ClientSampleId :
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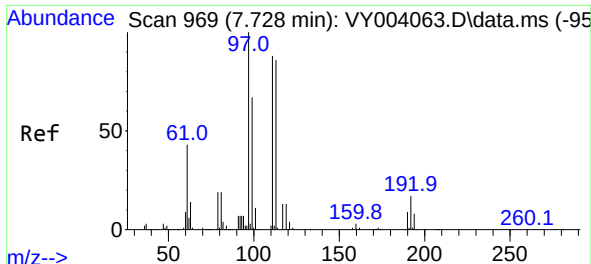
Tgt Ion: 65 Resp: 110216
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

Tgt Ion:114 Resp: 325299
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.6
88 15.1 0.0 31.4

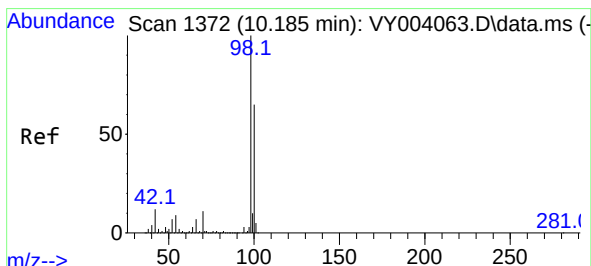
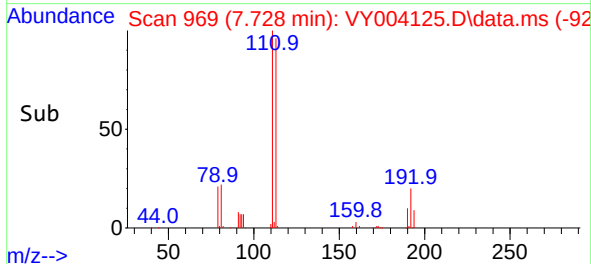
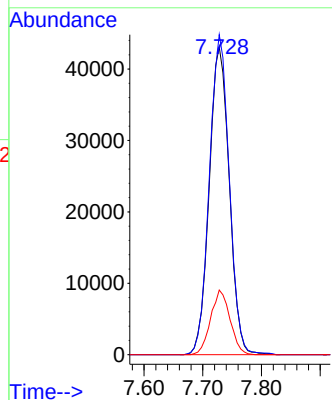
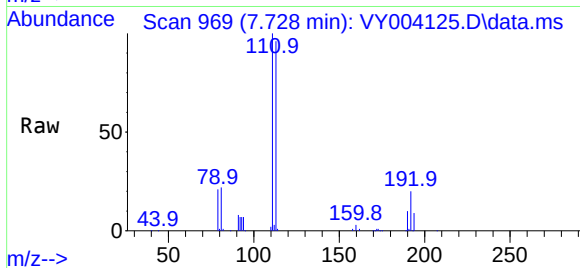




#35
Dibromofluoromethane
Concen: 55.76 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

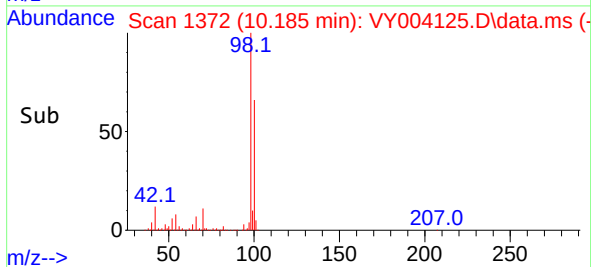
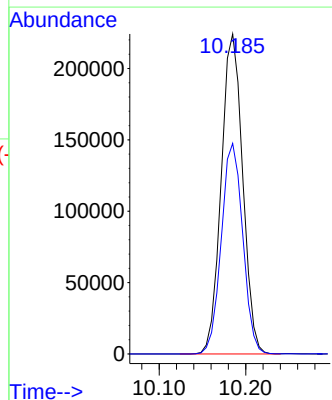
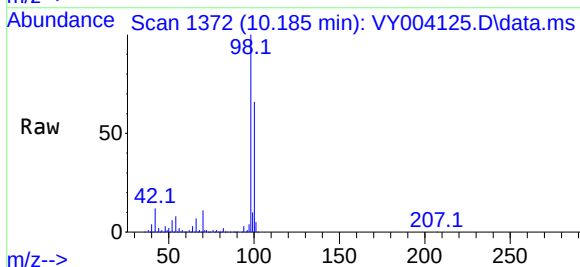
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-031821

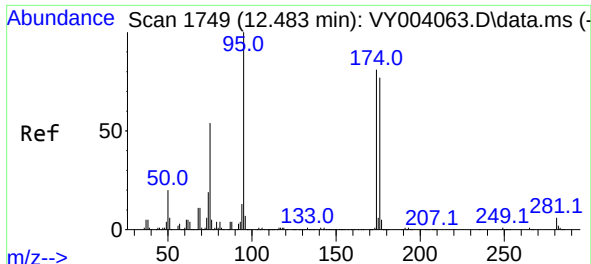
Tgt Ion:113 Resp: 102280
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 20.2 18.5 27.7



#50
Toluene-d8
Concen: 53.61 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

Tgt Ion: 98 Resp: 385577
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6

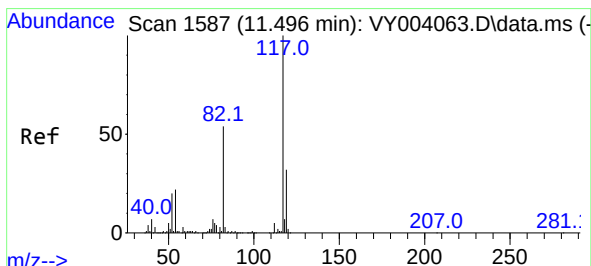
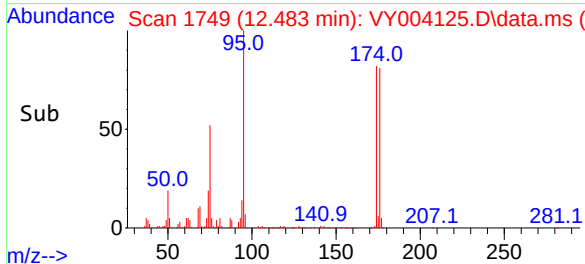
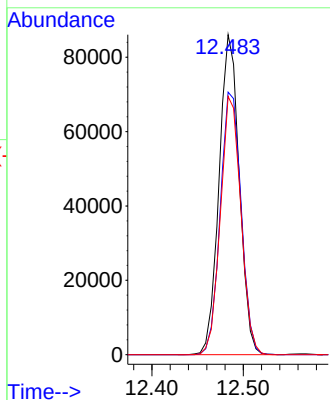
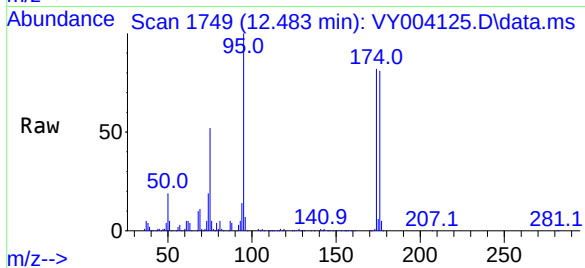




#62
4-Bromofluorobenzene
Concen: 49.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

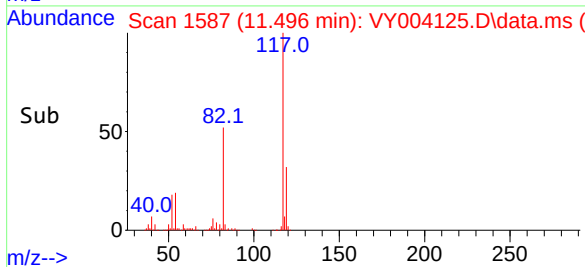
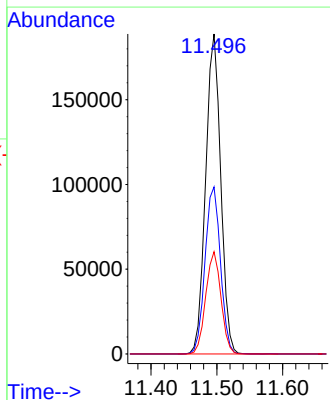
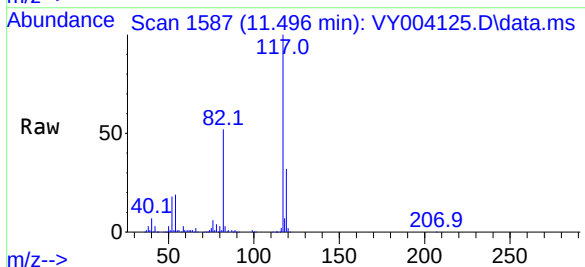
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-031821

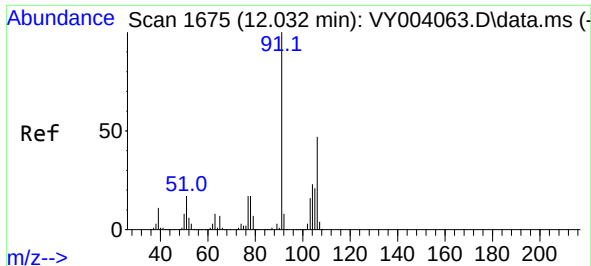
Tgt Ion: 95 Resp: 132367
Ion Ratio Lower Upper
95 100
174 84.6 0.0 179.0
176 81.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

Tgt Ion: 117 Resp: 300883
Ion Ratio Lower Upper
117 100
82 52.2 43.8 65.6
119 32.0 26.2 39.2

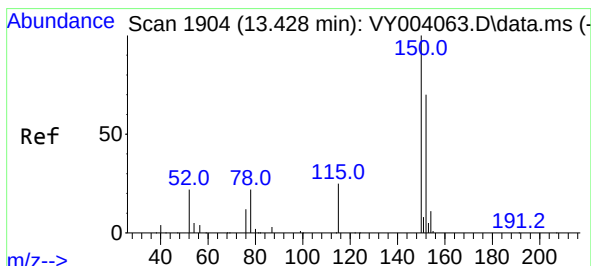
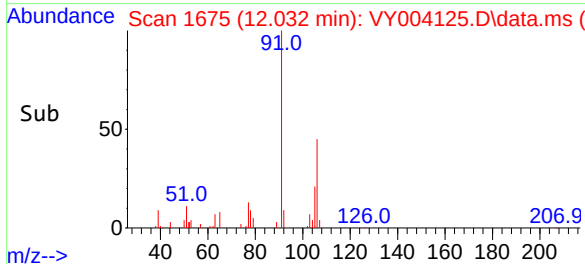
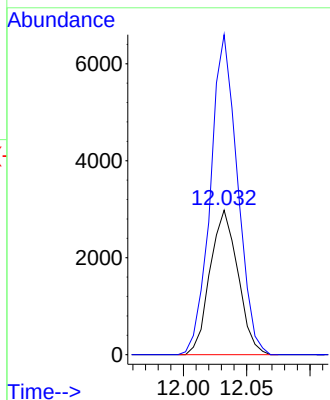
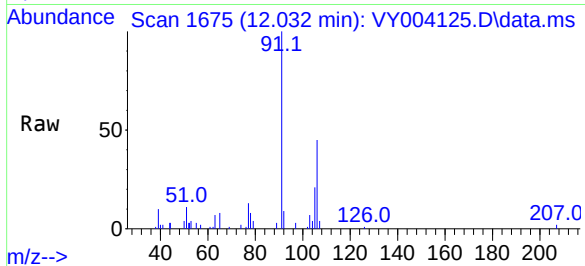




#69
o-Xylene
Concen: 1.20 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

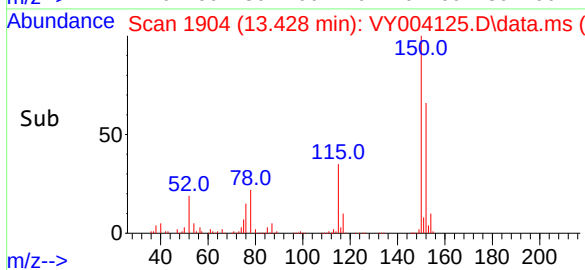
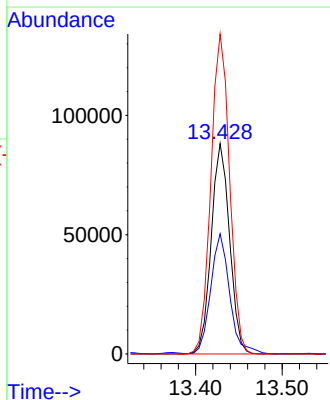
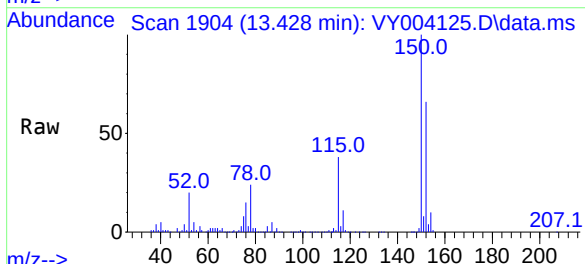
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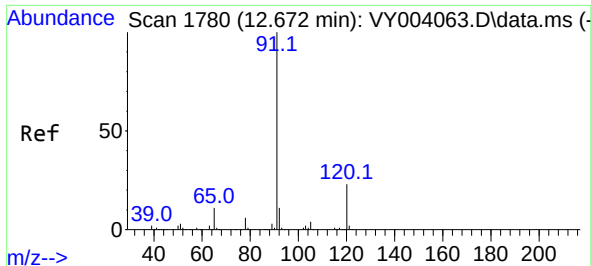
Tgt Ion:106 Resp: 4577
Ion Ratio Lower Upper
106 100
91 214.1 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

Tgt Ion:152 Resp: 129755
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.6
150 155.0 0.0 347.2

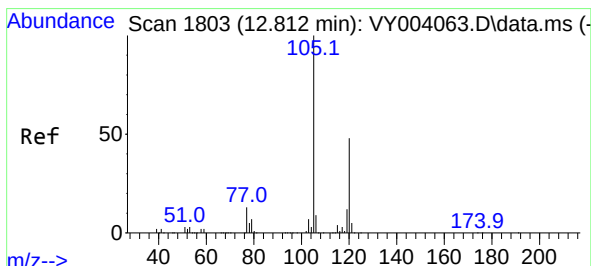
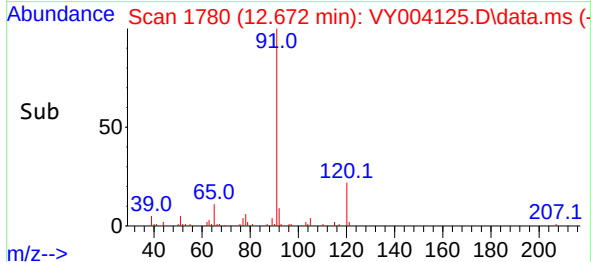
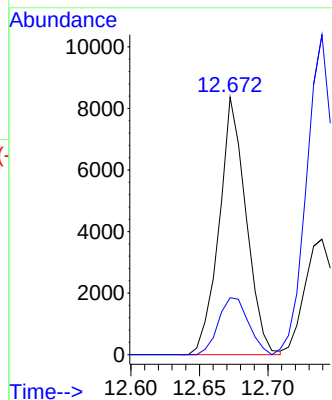
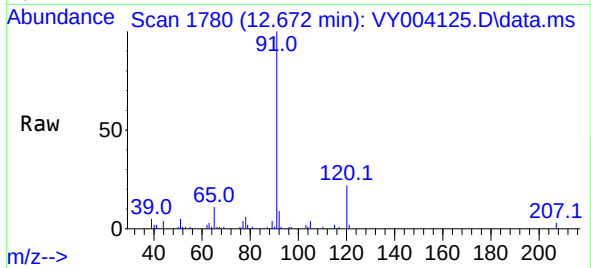




#78
n-propylbenzene
Concen: 1.08 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

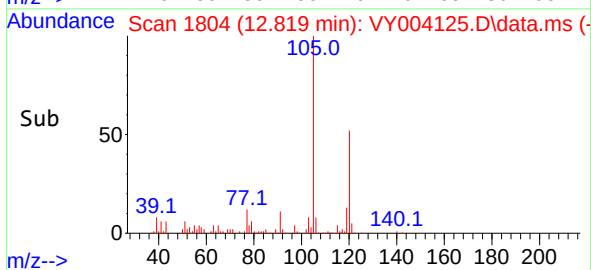
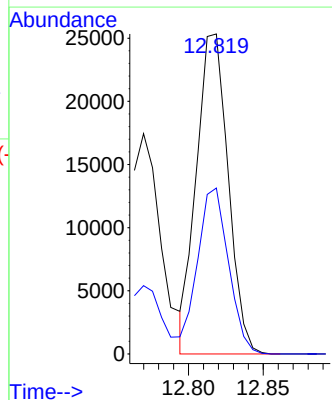
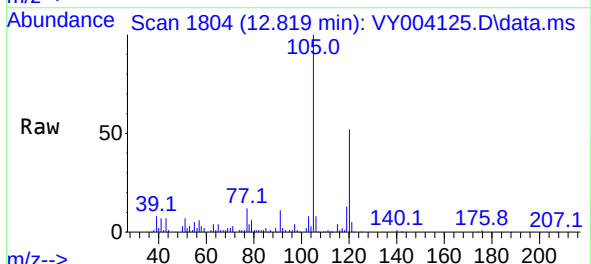
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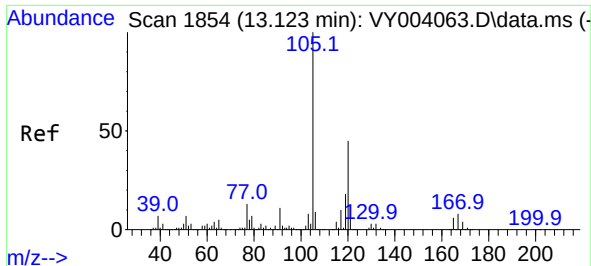
Tgt Ion: 91 Resp: 11456
Ion Ratio Lower Upper
91 100
120 24.6 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 4.89 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

Tgt Ion:105 Resp: 37382
Ion Ratio Lower Upper
105 100
120 51.8 24.1 72.2

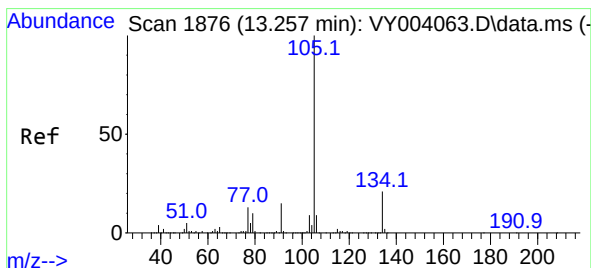
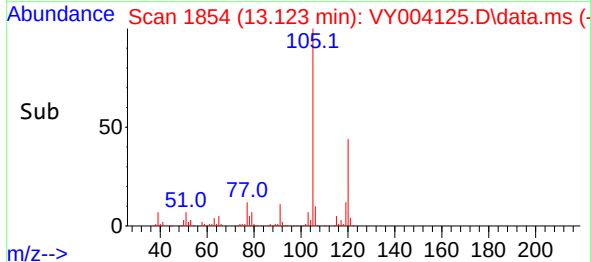
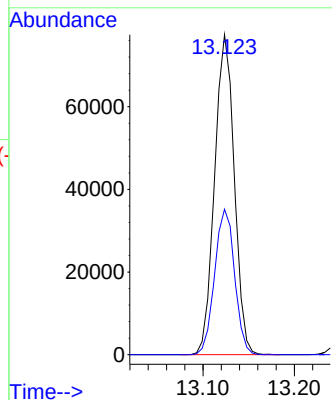
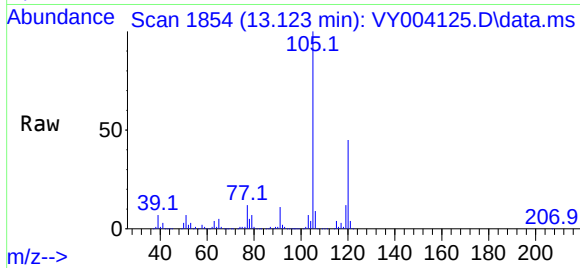




#84
1,2,4-Trimethylbenzene
Concen: 15.11 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

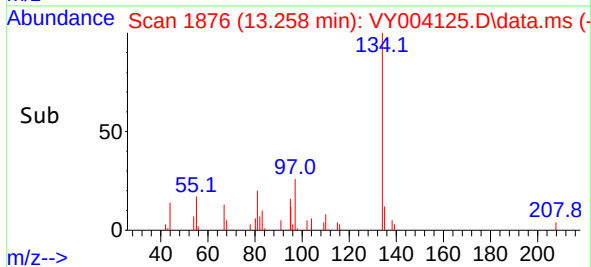
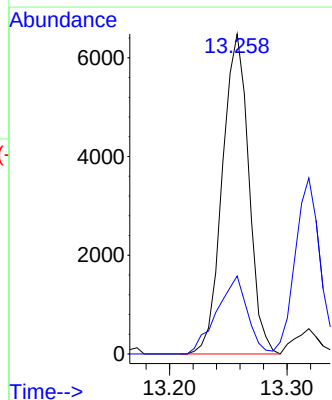
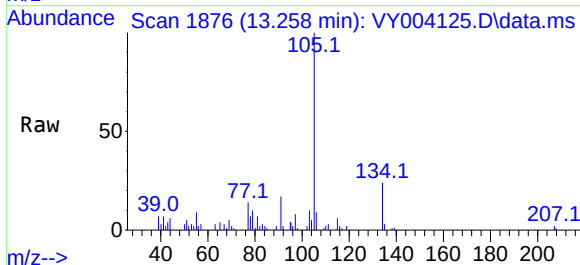
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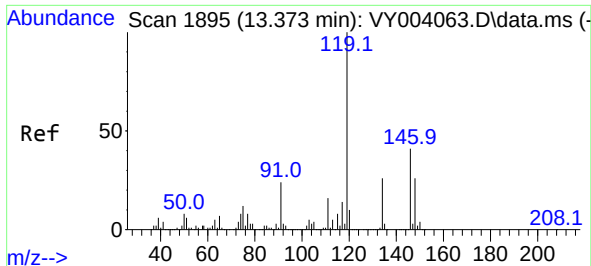
Tgt Ion:105 Resp: 115721
Ion Ratio Lower Upper
105 100
120 46.1 22.1 66.3



#85
sec-Butylbenzene
Concen: 1.11 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.001 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

Tgt Ion:105 Resp: 10115
Ion Ratio Lower Upper
105 100
134 28.3 10.2 30.4

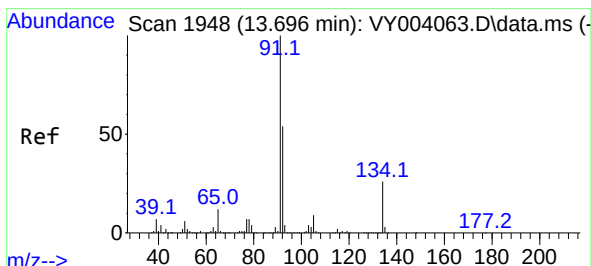
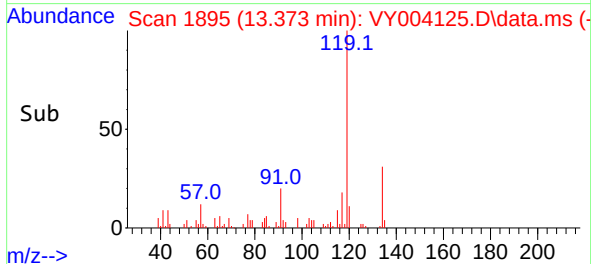
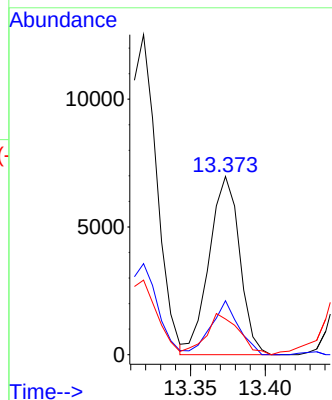
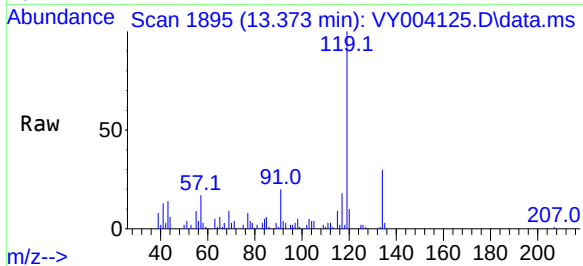




#86
p-Isopropyltoluene
Concen: 1.18 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

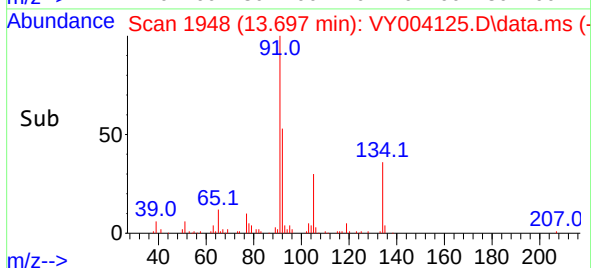
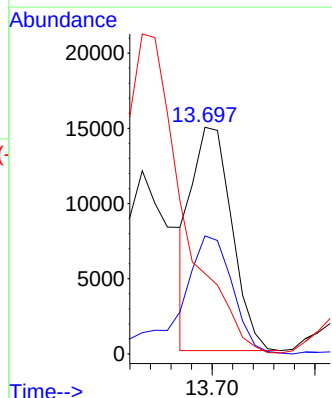
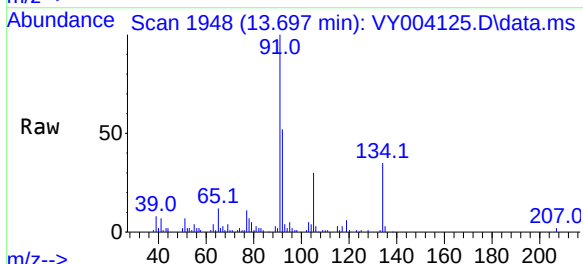
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-031821

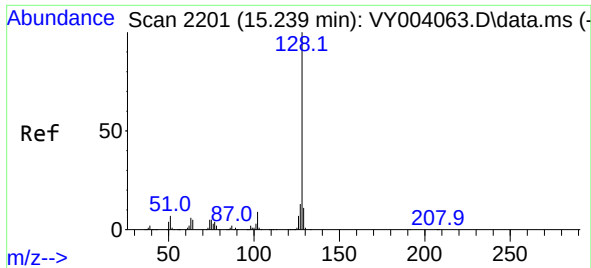
Tgt Ion:	119	Resp:	9914
Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.2	39.5
91	24.6	12.1	36.3



#89
n-Butylbenzene
Concen: 2.50 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

Tgt Ion:	91	Resp:	20015
Ion	Ratio	Lower	Upper
91	100		
92	68.5	26.5	79.4
134	0.0	13.2	39.5#





#95
Naphthalene
Concen: 12.23 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004125.D
Acq: 18 Mar 2021 16:55

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-031821

Tgt Ion:128 Resp: 58622
Ion Ratio Lower Upper
128 100
127 14.3 10.6 16.0
129 13.6 8.7 13.1#

