

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040221\
 Data File : VY004268.D
 Acq On : 02 Apr 2021 17:21
 Operator : SY/MD
 Sample : M1900-04RE
 Misc : 6.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-20111RE

Quant Time: Apr 02 23:02:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

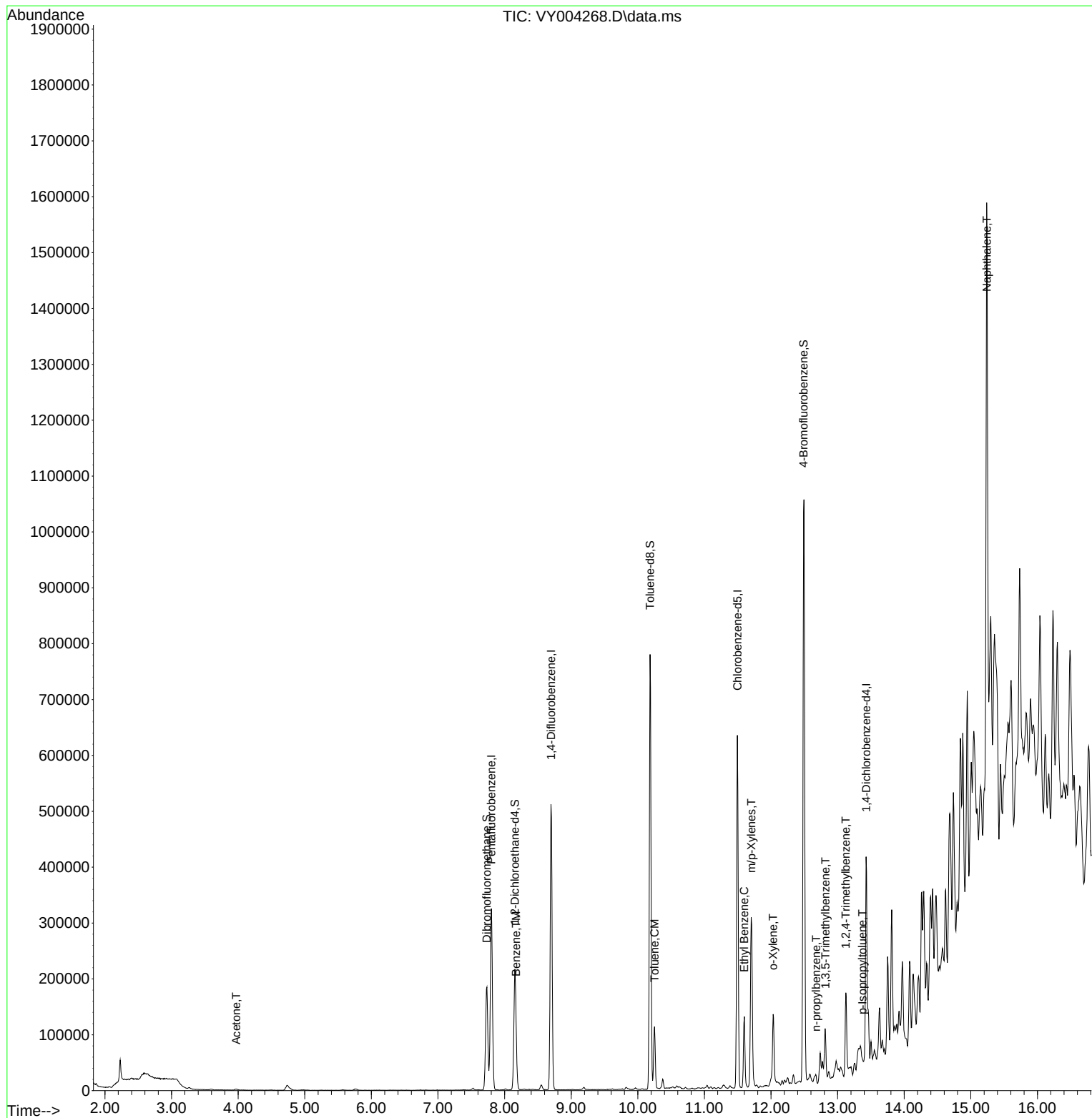
Internal Standards						
1) Pentafluorobenzene	7.801	168	248411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	428672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	333522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	146256	61.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.50%			
35) Dibromofluoromethane	7.734	113	130009	54.43	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.86%			
50) Toluene-d8	10.185	98	496744	55.29	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.58%			
62) 4-Bromofluorobenzene	12.489	95	128509	41.74	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.48%			
Target Compounds					Qvalue	
16) Acetone	3.972	43	3799	7.64	ug/l	93
40) Benzene	8.173	78	45580	4.11	ug/l	99
52) Toluene	10.252	92	45219	6.34	ug/l	97
67) Ethyl Benzene	11.599	91	85452	7.07	ug/l	99
68) m/p-Xylenes	11.703	106	90521	19.52	ug/l	98
69) o-Xylene	12.032	106	31920	7.36	ug/l	98
78) n-propylbenzene	12.678	91	12064	1.49	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	22415	3.93	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	77141	13.49	ug/l	100
86) p-Isopropyltoluene	13.373	119	7876	1.25	ug/l #	74
95) Naphthalene	15.239	128	931814	225.63	ug/l	99

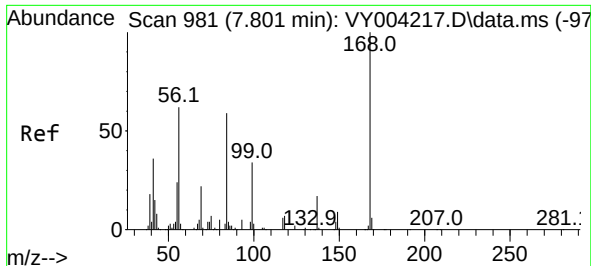
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 30 06:38:14 2021
Response via : Initial Calibration

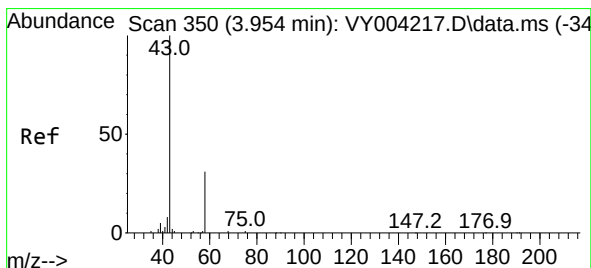
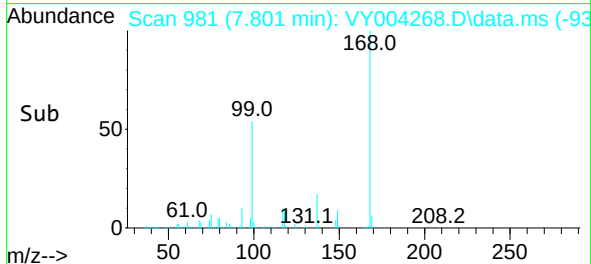
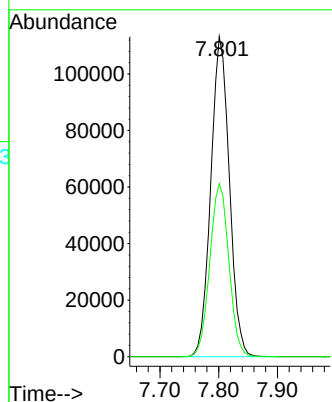
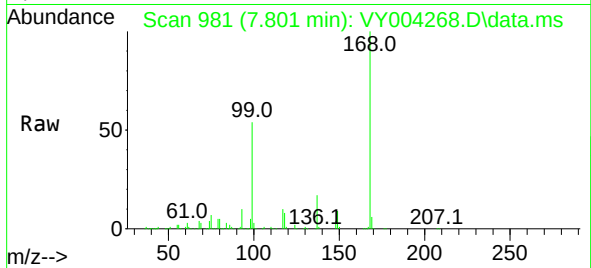




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

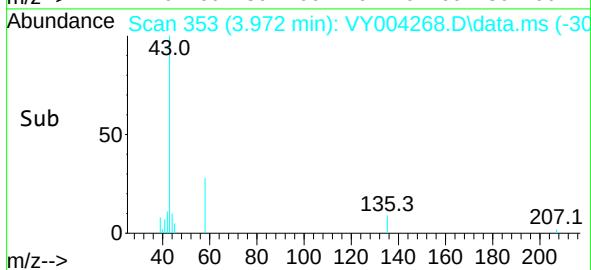
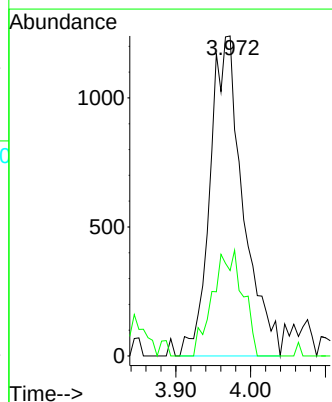
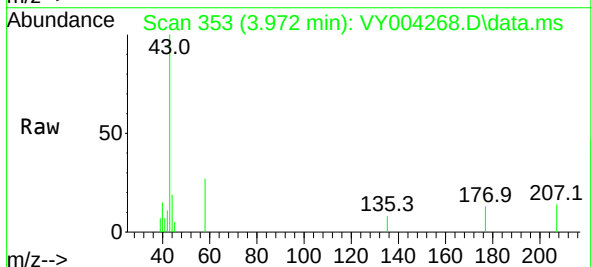
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20111RE

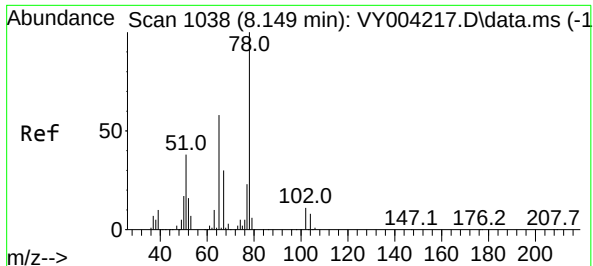
Tgt Ion:168 Resp: 248411
Ion Ratio Lower Upper
168 100
99 54.0 42.6 64.0



#16
Acetone
Concen: 7.64 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.018 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

Tgt Ion: 43 Resp: 3799
Ion Ratio Lower Upper
43 100
58 26.7 24.5 36.7

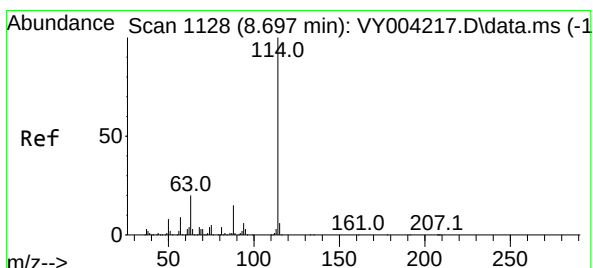
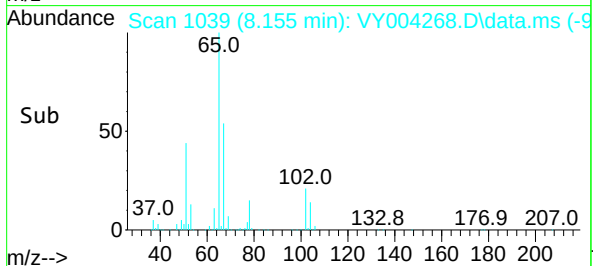
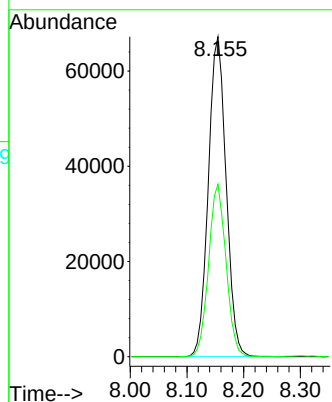
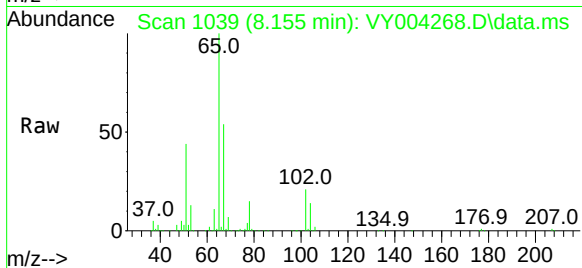




#33
1,2-Dichloroethane-d4
Concen: 61.25 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

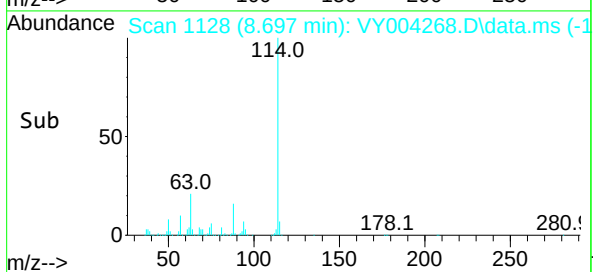
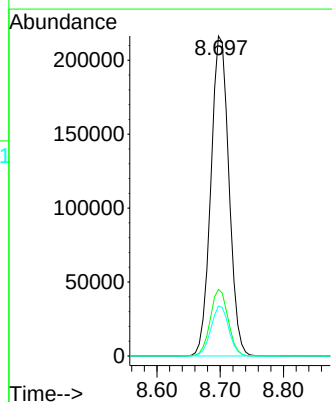
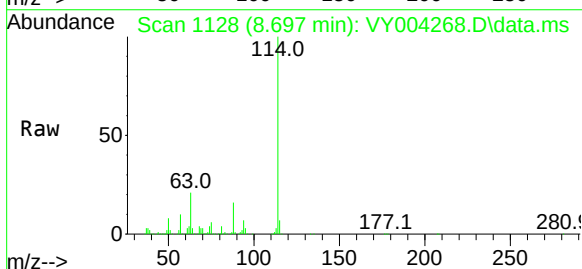
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20111RE

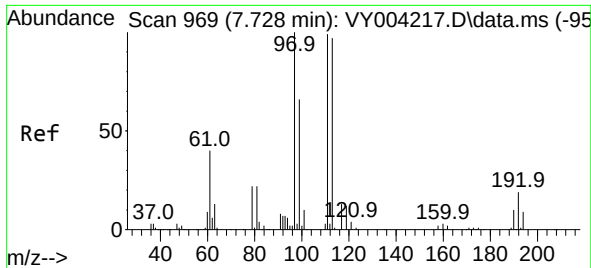
Tgt Ion: 65 Resp: 146256
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

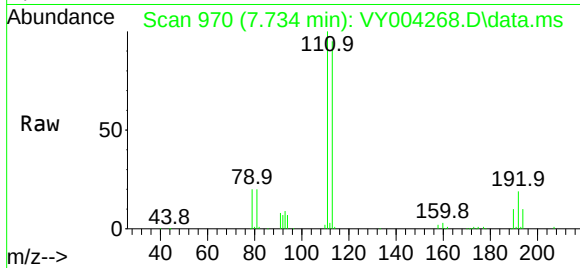
Tgt Ion: 114 Resp: 428672
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.4
88 15.6 0.0 30.8



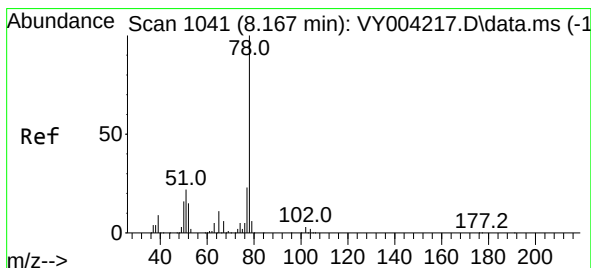
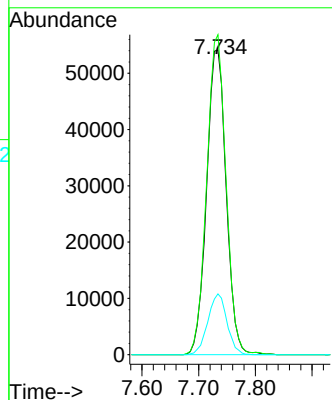
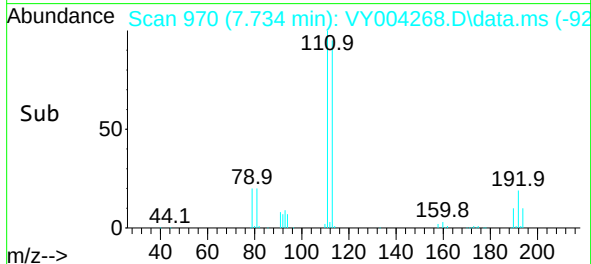


#35
Dibromofluoromethane
Concen: 54.43 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

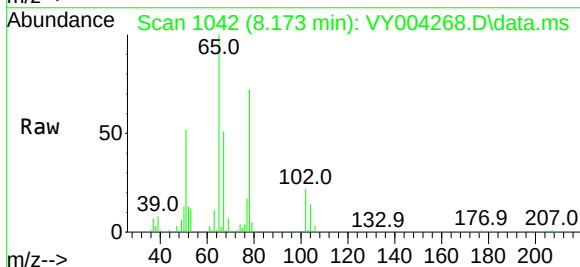
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20111RE



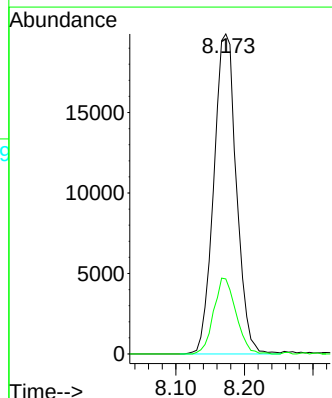
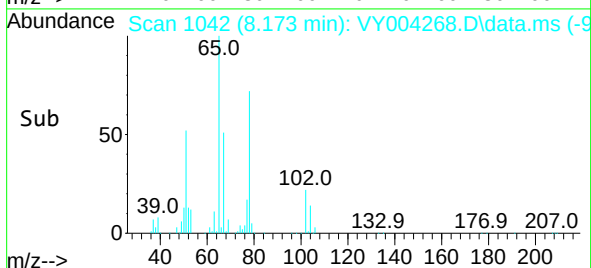
Tgt Ion:113 Resp: 130009
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.5 16.4 24.6

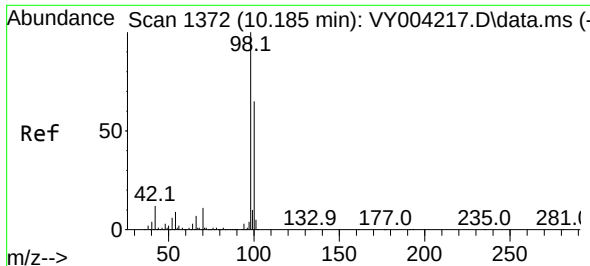


#40
Benzene
Concen: 4.11 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21



Tgt Ion: 78 Resp: 45580
Ion Ratio Lower Upper
78 100
77 23.5 18.3 27.5

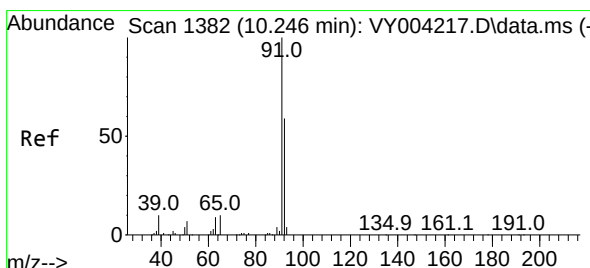
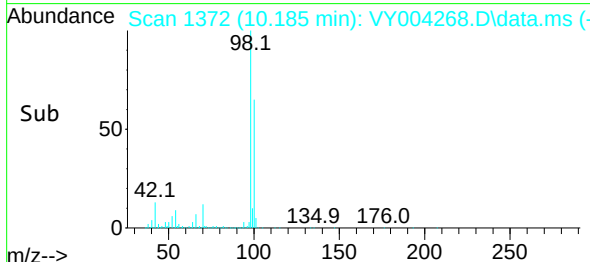
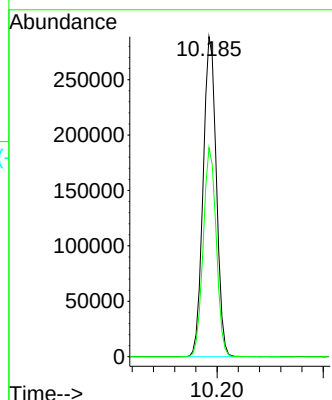
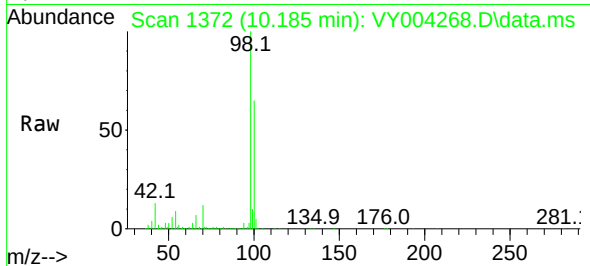




#50
Toluene-d8
Concen: 55.29 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

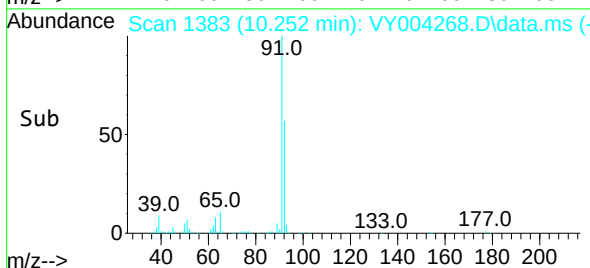
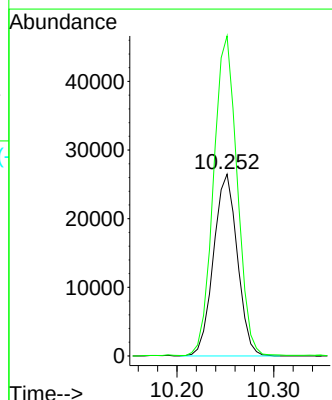
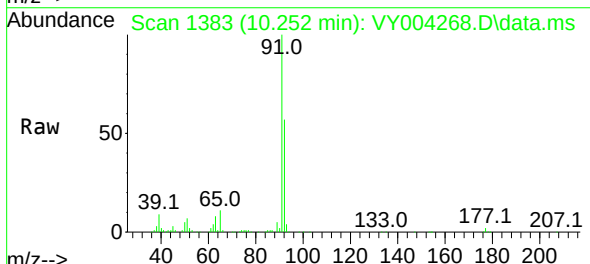
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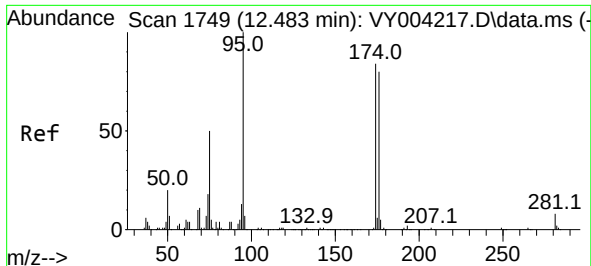
Tgt Ion: 98 Resp: 496744
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7



#52
Toluene
Concen: 6.34 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

Tgt Ion: 92 Resp: 45219
Ion Ratio Lower Upper
92 100
91 174.1 136.0 204.0

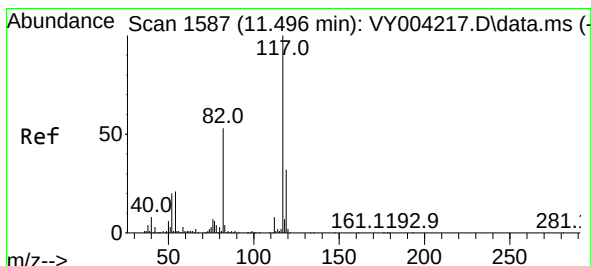
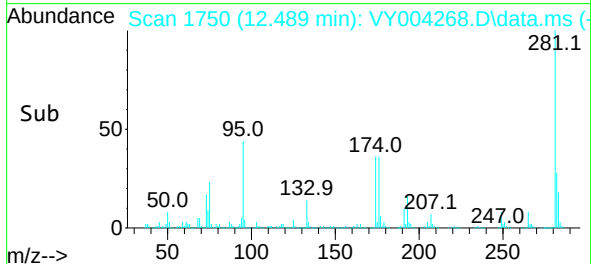
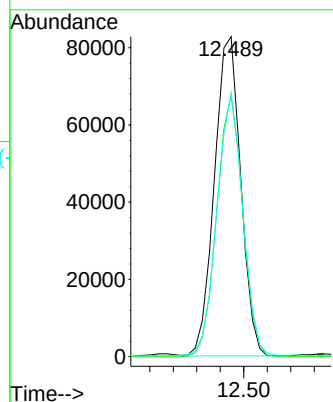
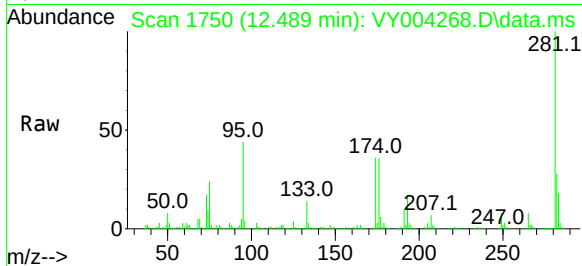




#62
4-Bromofluorobenzene
Concen: 41.74 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

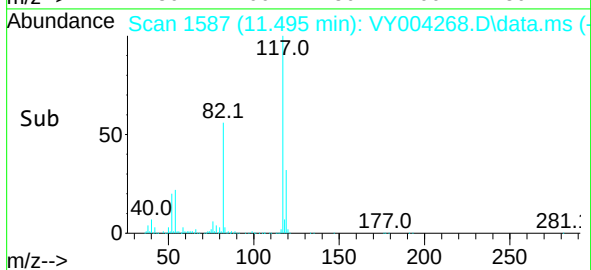
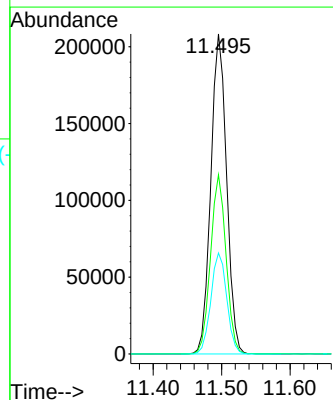
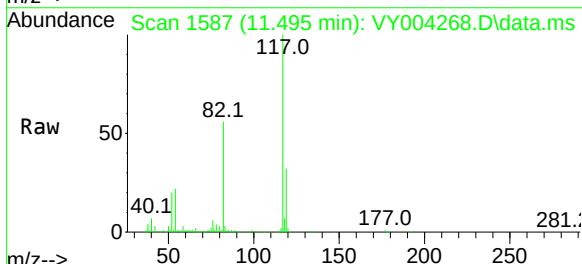
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20111RE

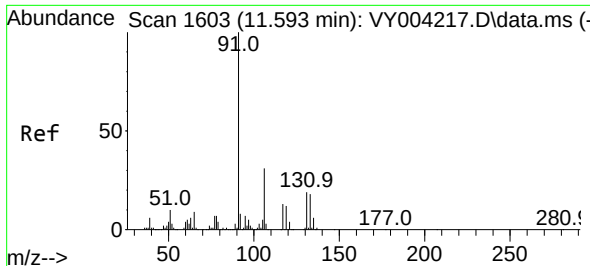
Tgt Ion: 95 Resp: 128509
Ion Ratio Lower Upper
95 100
174 80.8 0.0 171.4
176 80.9 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

Tgt Ion: 117 Resp: 333522
Ion Ratio Lower Upper
117 100
82 55.9 42.7 64.1
119 31.6 25.7 38.5

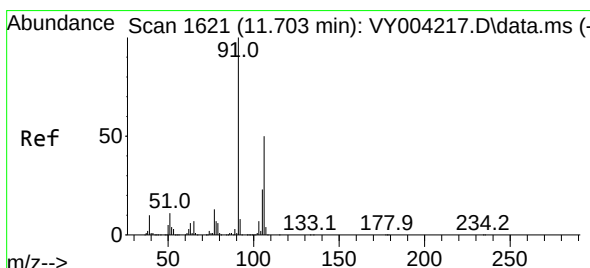
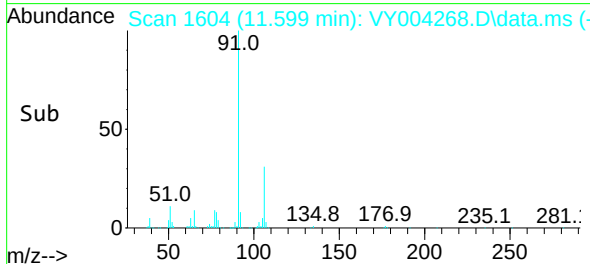
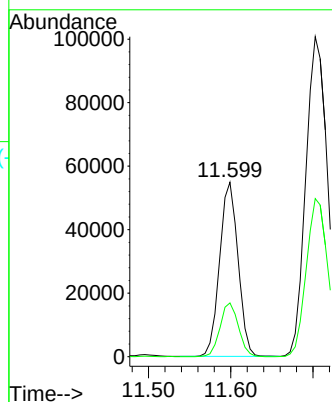
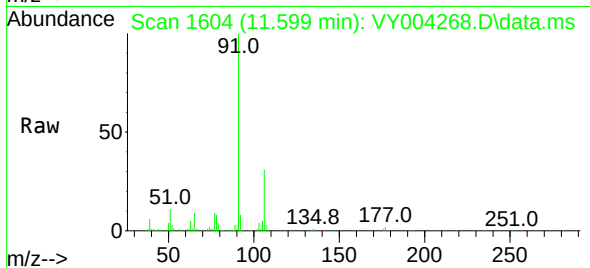




#67
Ethyl Benzene
Concen: 7.07 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

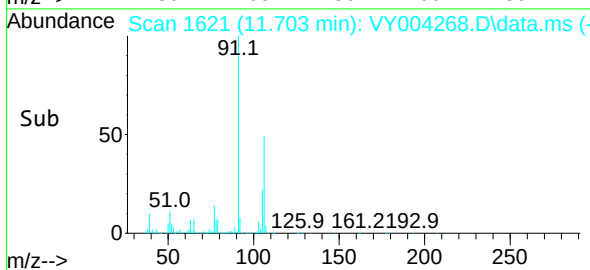
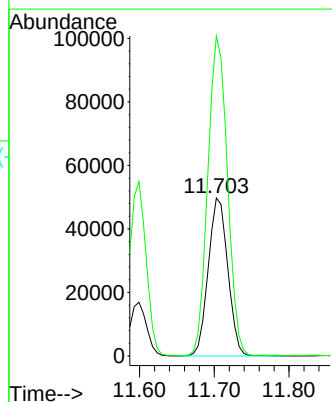
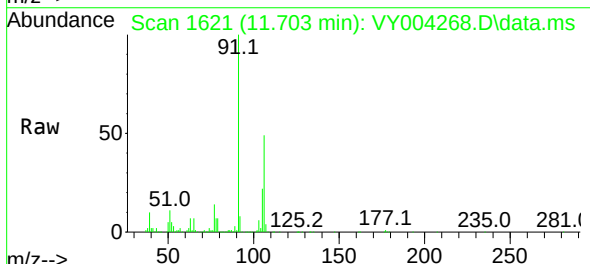
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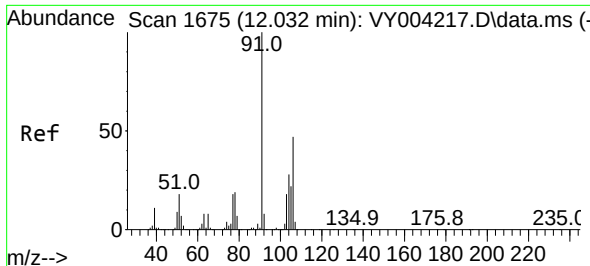
Tgt Ion: 91 Resp: 85452
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6



#68
m/p-Xylenes
Concen: 19.52 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

Tgt Ion: 106 Resp: 90521
Ion Ratio Lower Upper
106 100
91 202.8 159.8 239.6

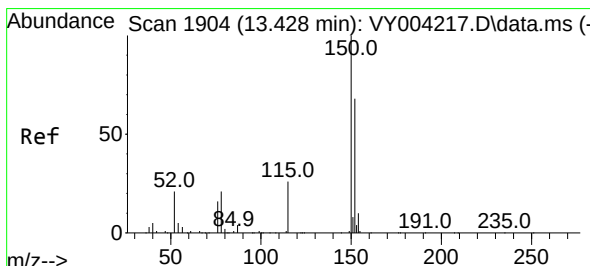
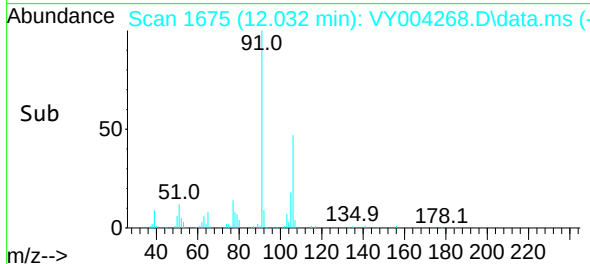
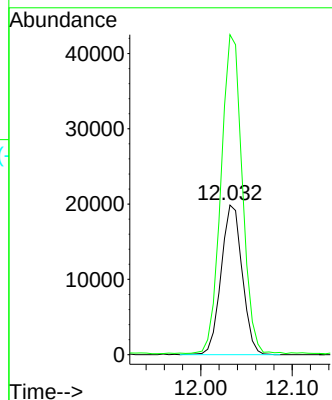
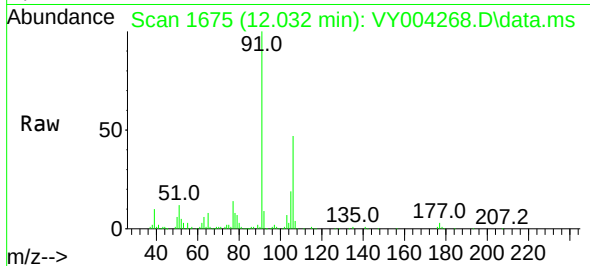




#69
o-Xylene
Concen: 7.36 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

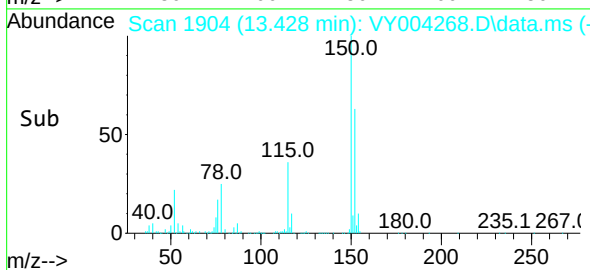
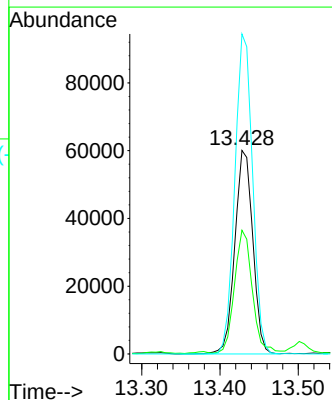
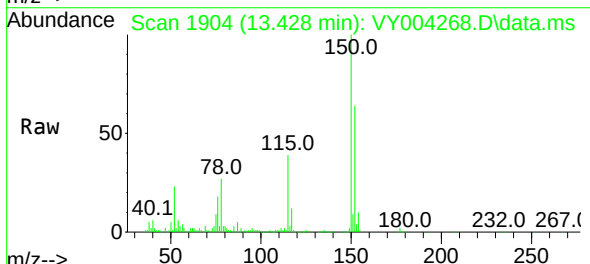
Instrument :
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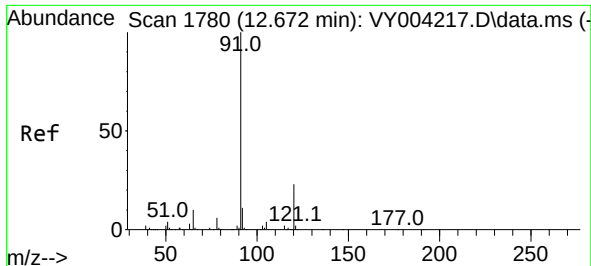
Tgt Ion:106 Resp: 31920
Ion Ratio Lower Upper
106 100
91 213.8 105.6 316.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

Tgt Ion:152 Resp: 95631
Ion Ratio Lower Upper
152 100
115 59.6 29.0 87.1
150 154.5 0.0 347.4

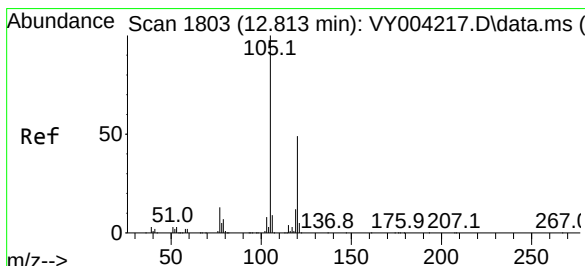
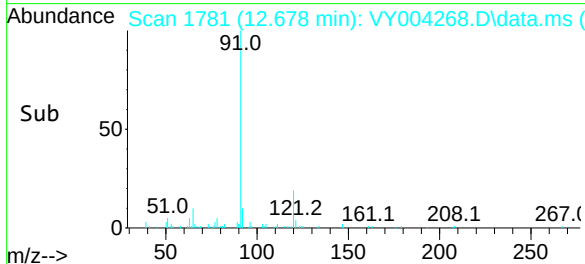
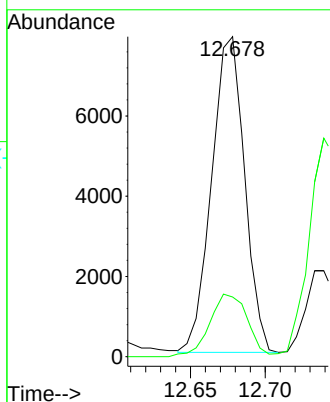
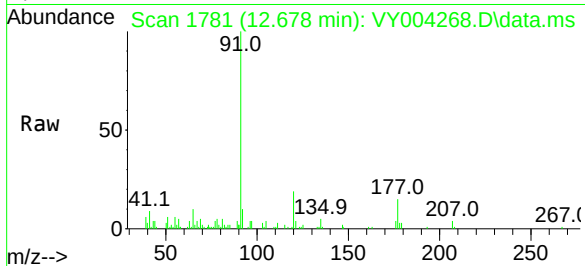




#78
n-propylbenzene
Concen: 1.49 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

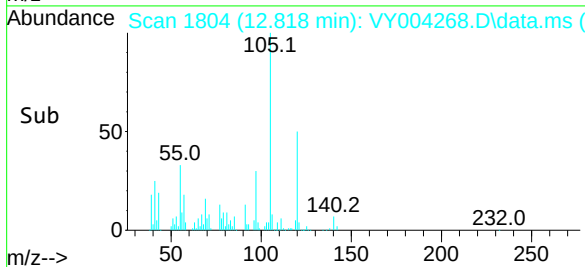
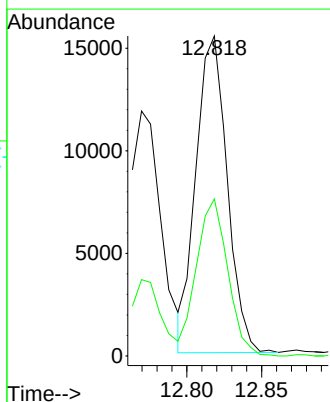
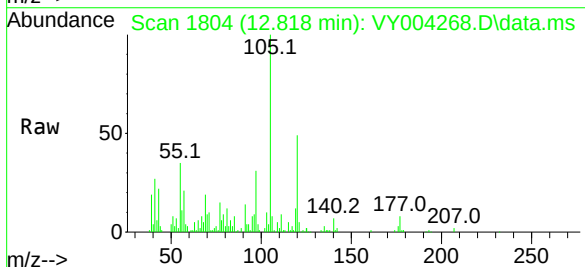
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20111RE

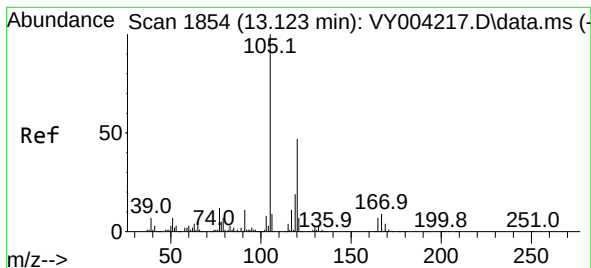
Tgt Ion: 91 Resp: 12064
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 3.93 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

Tgt Ion: 105 Resp: 22415
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 13.49 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY004268.D

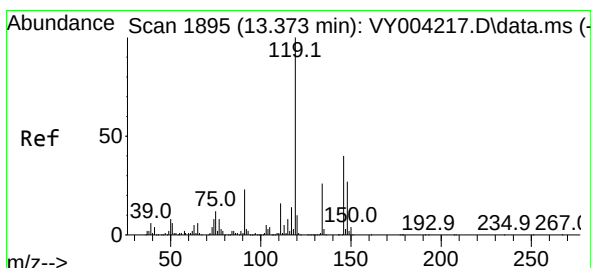
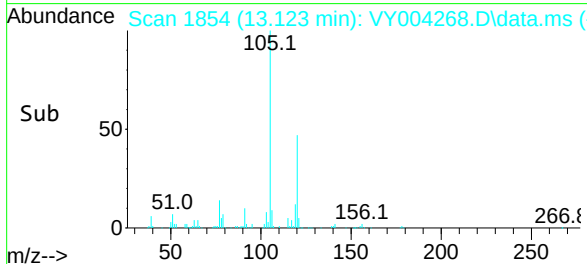
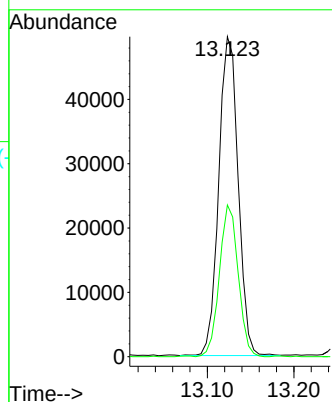
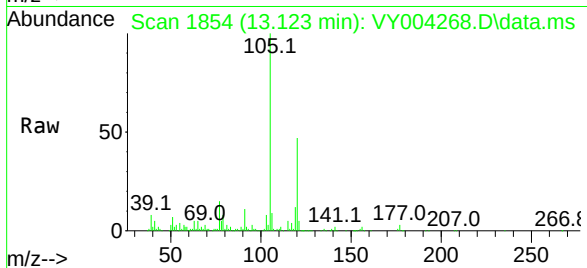
Acq: 02 Apr 2021 17:21

Tgt Ion:105 Resp: 77141

Ion Ratio Lower Upper

105 100

120 46.0 22.9 68.7



#86

p-Isopropyltoluene

Concen: 1.25 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY004268.D

Acq: 02 Apr 2021 17:21

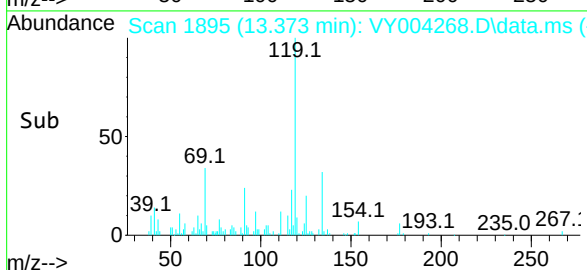
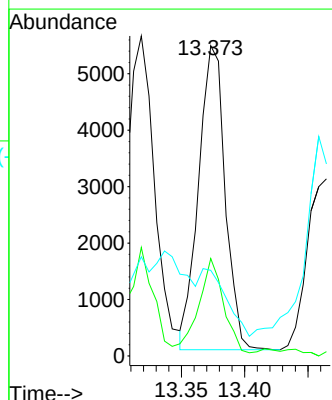
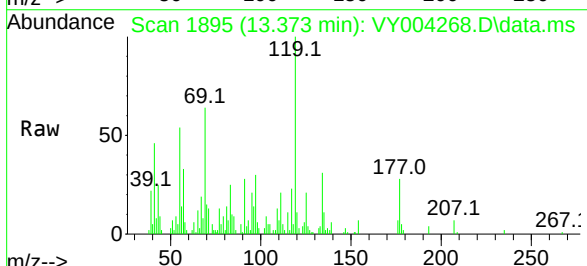
Tgt Ion:119 Resp: 7876

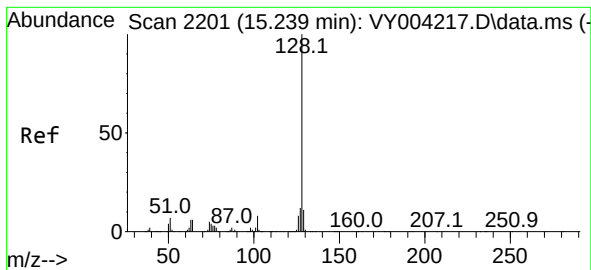
Ion Ratio Lower Upper

119 100

134 29.5 13.3 39.9

91 0.0 12.0 36.0#





#95
Naphthalene
Concen: 225.63 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004268.D
Acq: 02 Apr 2021 17:21

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-20111RE

Tgt Ion:128 Resp: 931814
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.9 8.9 13.3

