

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004102.D
 Acq On : 17 Mar 2021 14:47
 Operator : SY/MD
 Sample : M1681-38
 Misc : 4.58g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST2

Quant Time: Mar 18 01:49:03 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)

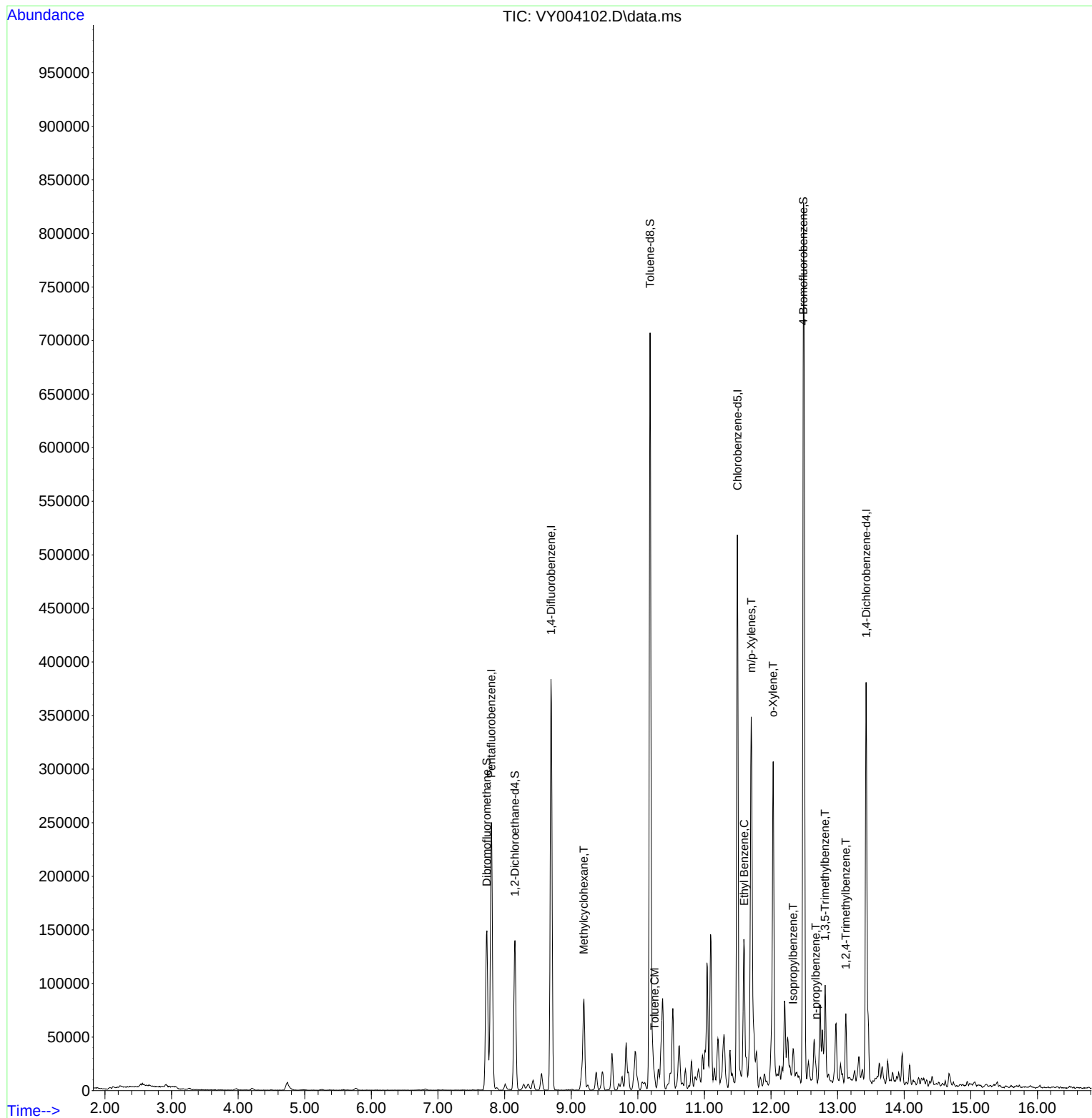
Internal Standards						
1) Pentafluorobenzene	7.801	168	192460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	275769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	108547	57.15	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.30%			
35) Dibromofluoromethane	7.734	113	103331	55.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.70%			
50) Toluene-d8	10.185	98	390764	53.87	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.74%			
62) 4-Bromofluorobenzene	12.483	95	109070	40.71	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.42%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.191	83	37487	10.07	ug/l	93
52) Toluene	10.252	92	5299	1.01	ug/l	95
67) Ethyl Benzene	11.599	91	78762	8.12	ug/l	99
68) m/p-Xylenes	11.703	106	103874	28.07	ug/l	94
69) o-Xylene	12.032	106	77424	22.13	ug/l	93
73) Isopropylbenzene	12.331	105	14662	2.21	ug/l	100
78) n-propylbenzene	12.672	91	12235	1.57	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	32657	5.82	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	32925	5.86	ug/l	97

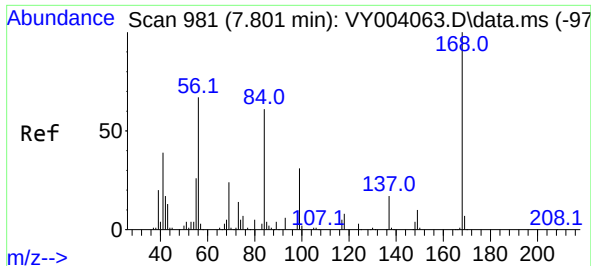
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_Y
ClientSampleId :
UST2

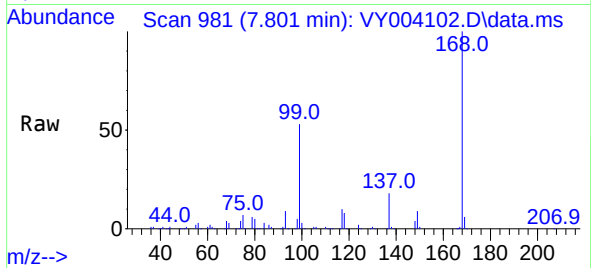
Quant Time: Mar 18 01:49:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
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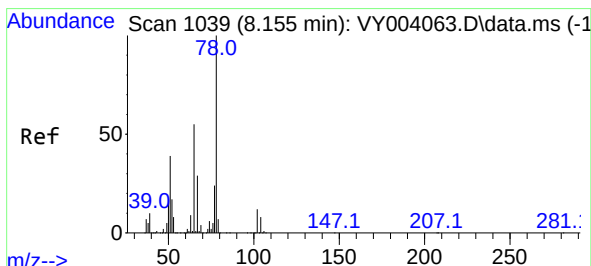
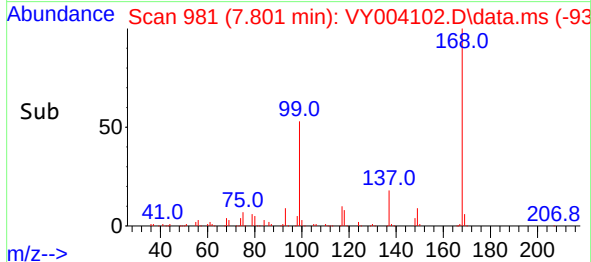
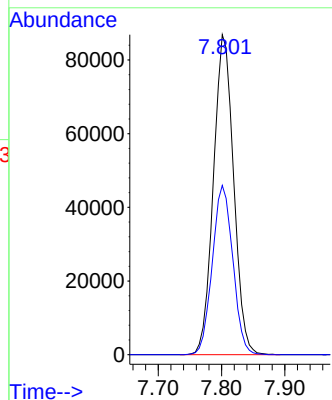


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

Instrument :
MSVOA_Y
ClientSampled :
UST2

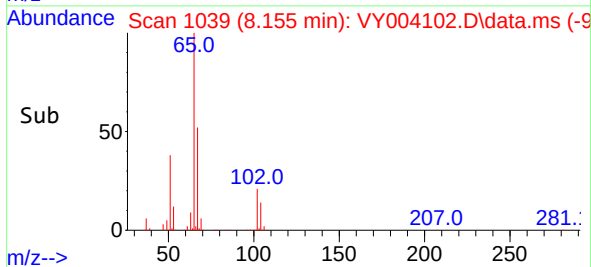
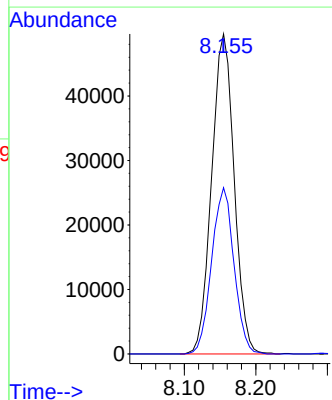
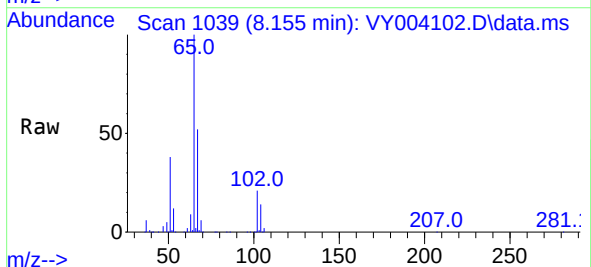


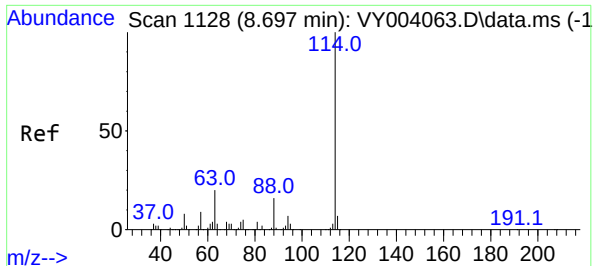
Tgt Ion:168 Resp: 192460
Ion Ratio Lower Upper
168 100
99 52.9 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 57.15 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

Tgt Ion: 65 Resp: 108547
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4



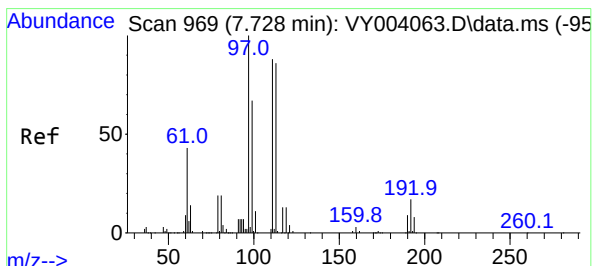
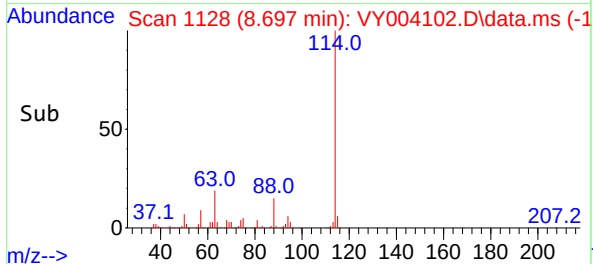
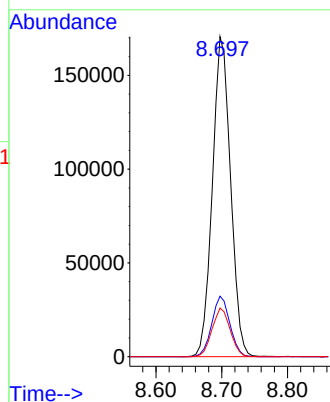
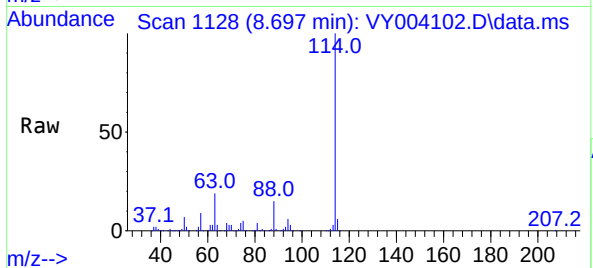


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

Instrument :
MSVOA_Y
ClientSampled :
UST2

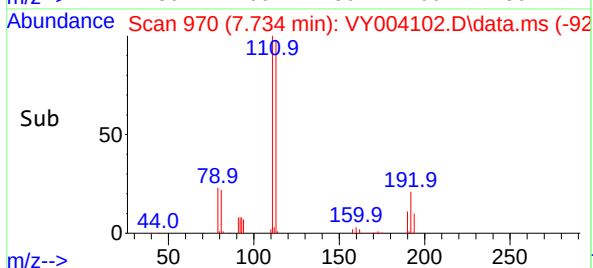
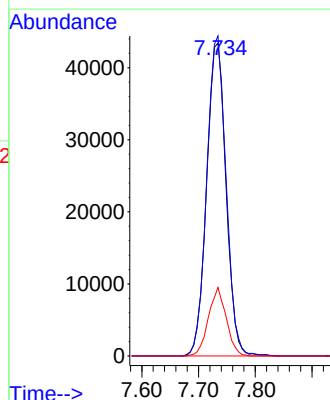
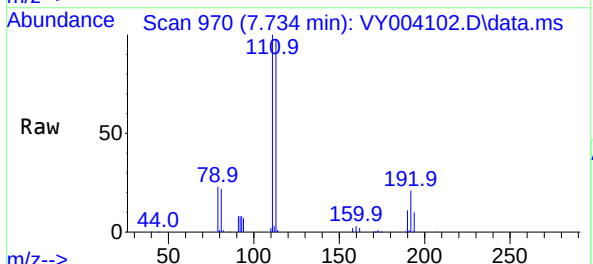
Tgt Ion:	114	Resp:	328113
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	41.6
88	15.2	0.0	31.4

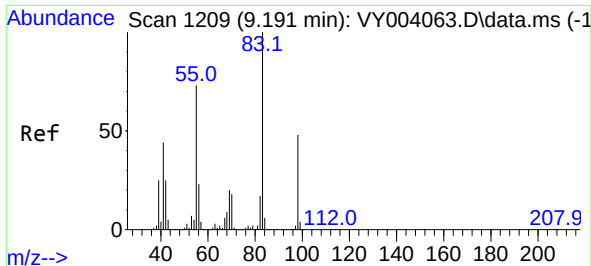


#35

Dibromofluoromethane
Concen: 55.85 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

Tgt Ion:	113	Resp:	103331
Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.2	124.8
192	20.1	18.5	27.7



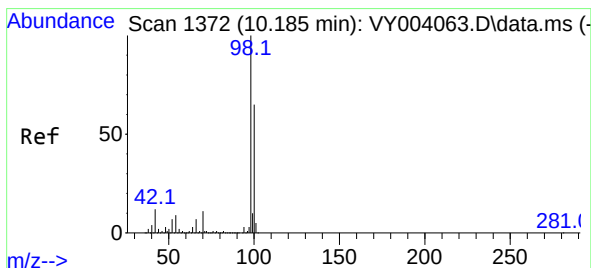
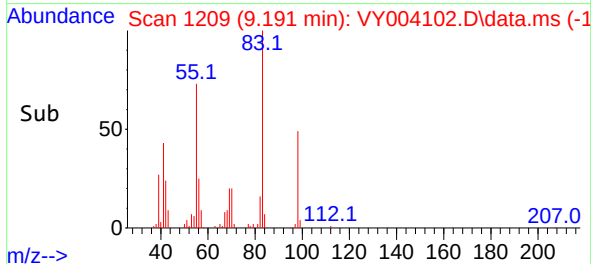
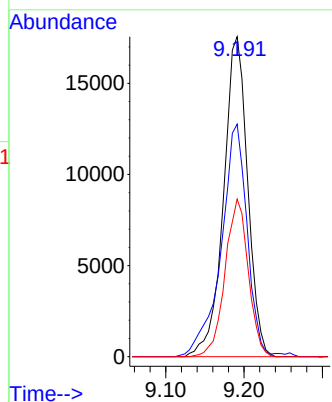
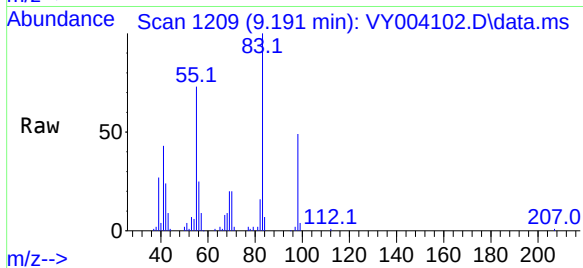


#39
Methylcyclohexane
Concen: 10.07 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

Instrument :
MSVOA_Y
ClientSampled :
UST2

Tgt Ion: 83 Resp: 37487

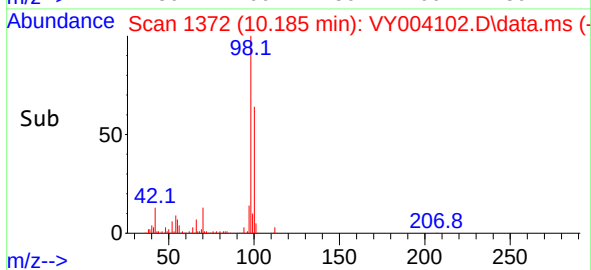
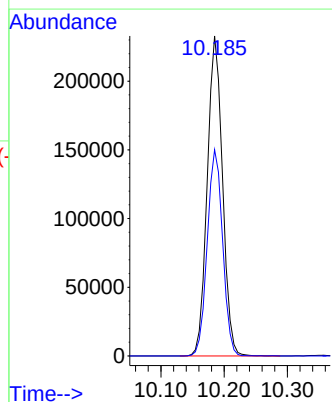
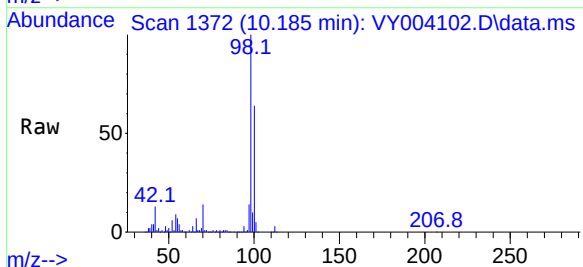
Ion	Ratio	Lower	Upper
83	100		
55	72.2	65.6	98.4
98	49.3	39.5	59.3

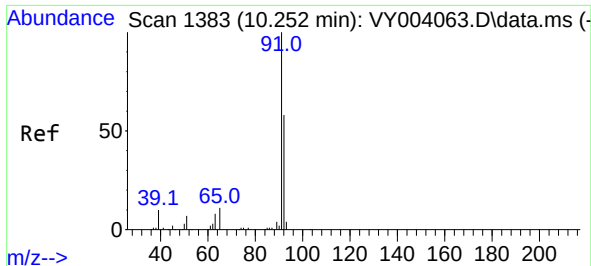


#50
Toluene-d8
Concen: 53.87 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

Tgt Ion: 98 Resp: 390764

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.8	77.6

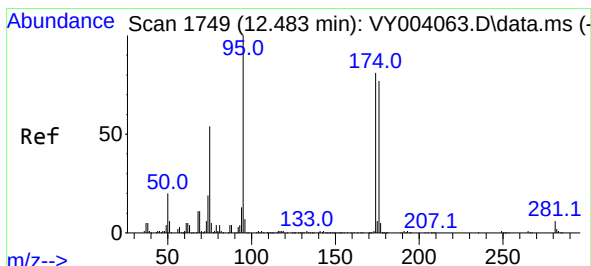
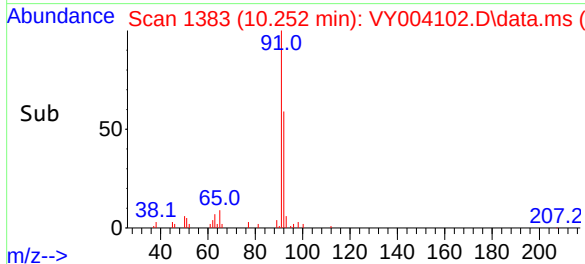
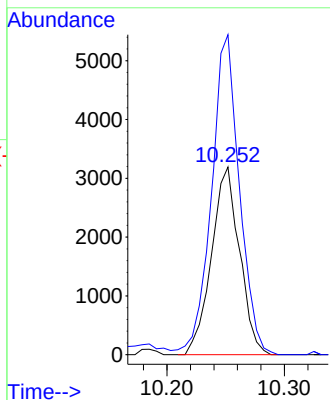
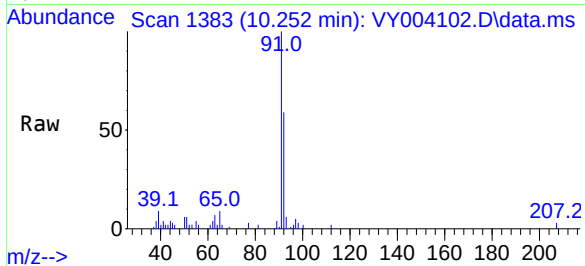




#52
Toluene
Concen: 1.01 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

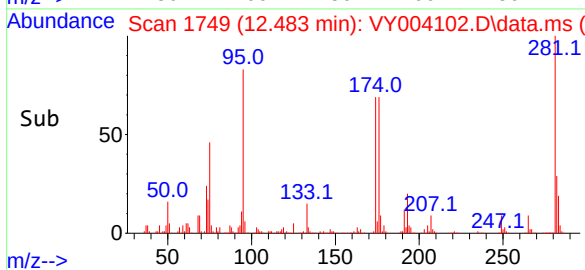
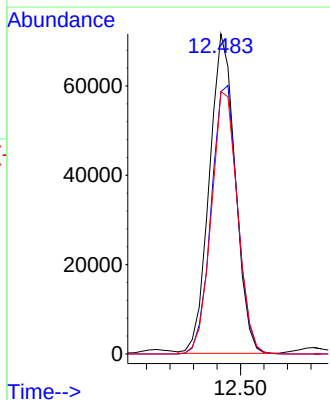
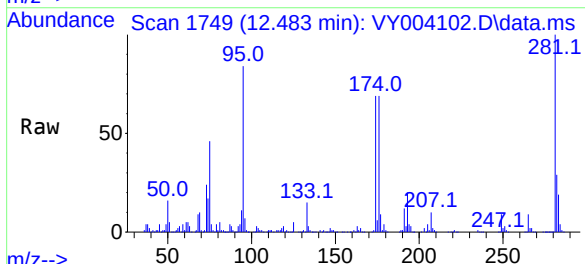
Instrument :
MSVOA_Y
ClientSampled :
UST2

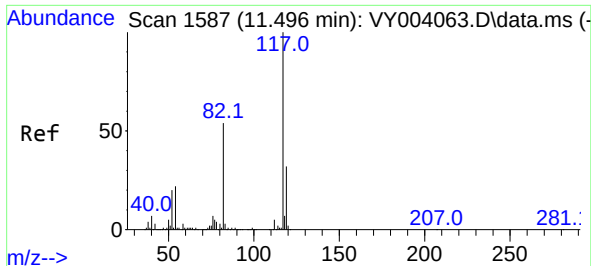
Tgt Ion: 92 Resp: 5299
Ion Ratio Lower Upper
92 100
91 169.8 141.0 211.4



#62
4-Bromofluorobenzene
Concen: 40.71 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

Tgt Ion: 95 Resp: 109070
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 83.5 0.0 174.4



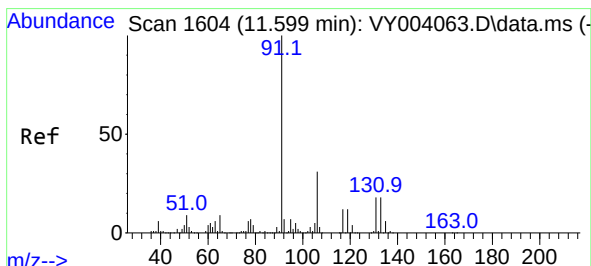
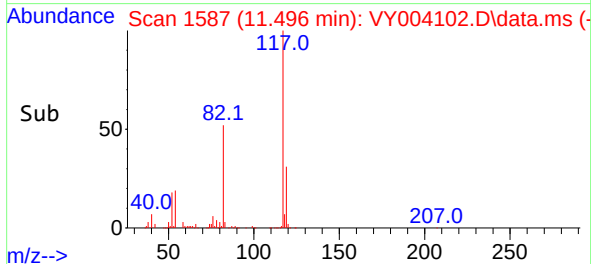
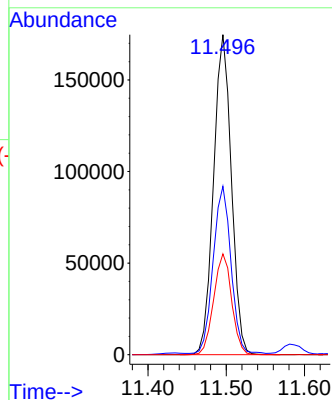
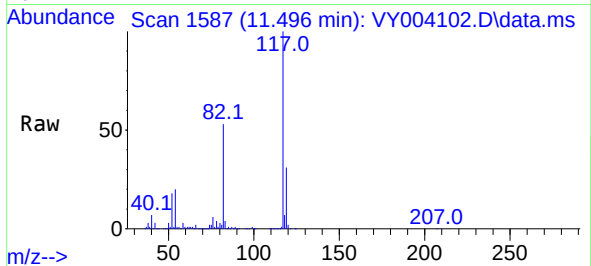


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

Instrument :
MSVOA_Y
ClientSampleId :
UST2

Tgt Ion:117 Resp: 275769

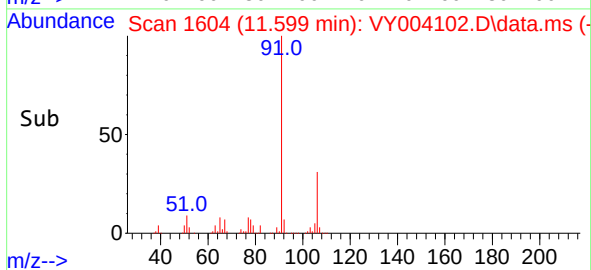
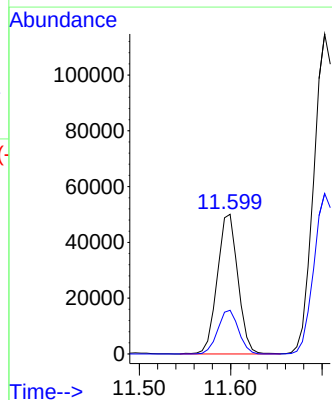
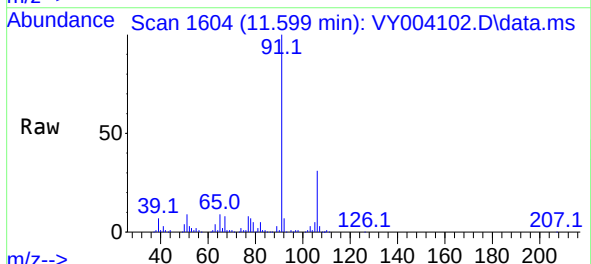
Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.8	65.6
119	31.5	26.2	39.2

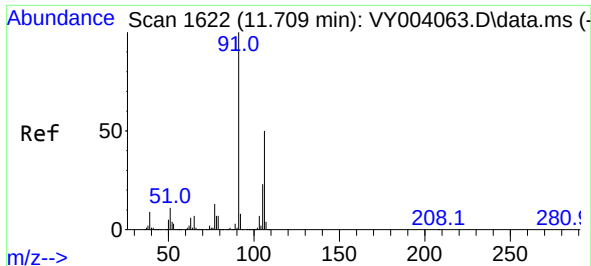


#67
Ethyl Benzene
Concen: 8.12 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

Tgt Ion: 91 Resp: 78762

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.5	36.7

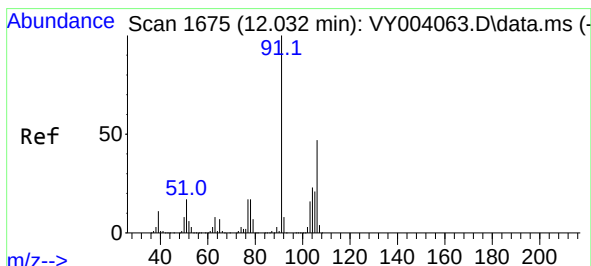
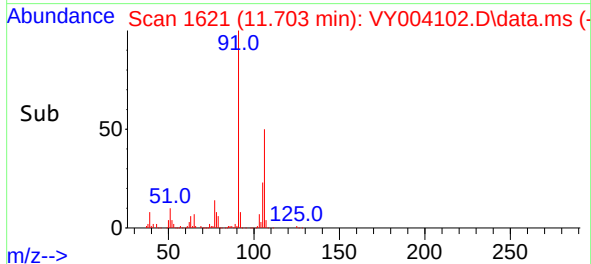
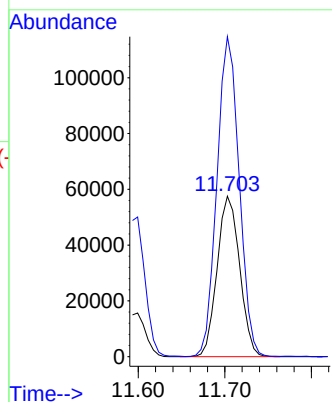
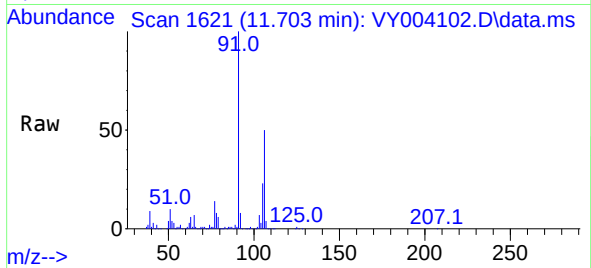




#68
m/p-Xylenes
Concen: 28.07 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

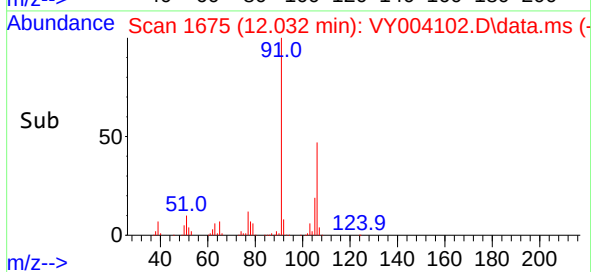
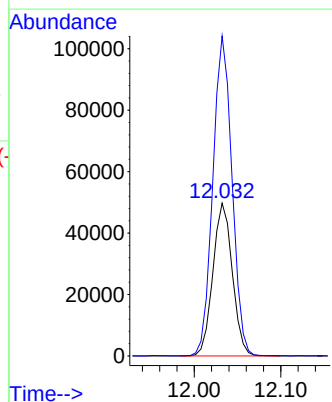
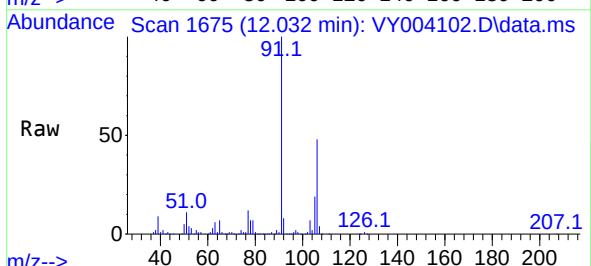
Instrument :
MSVOA_Y
ClientSampleId :
UST2

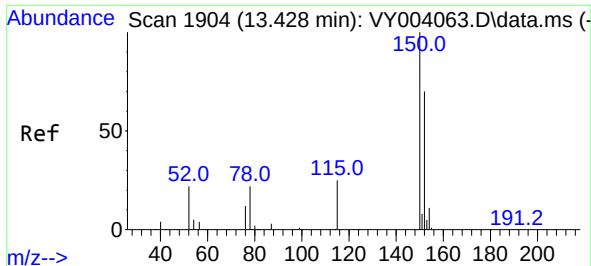
Tgt Ion:106 Resp: 103874
Ion Ratio Lower Upper
106 100
91 196.7 165.4 248.0



#69
o-Xylene
Concen: 22.13 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

Tgt Ion:106 Resp: 77424
Ion Ratio Lower Upper
106 100
91 207.3 108.9 326.7

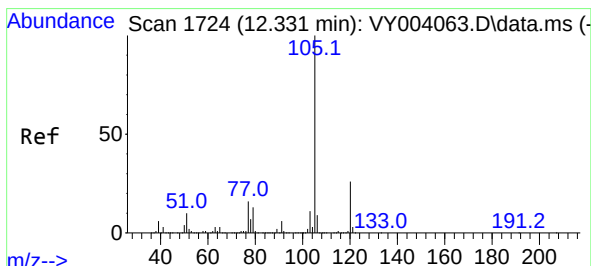
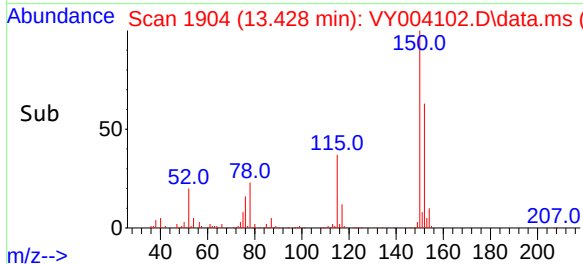
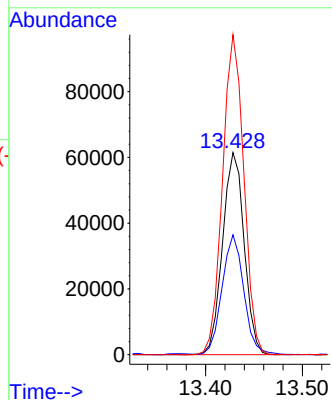
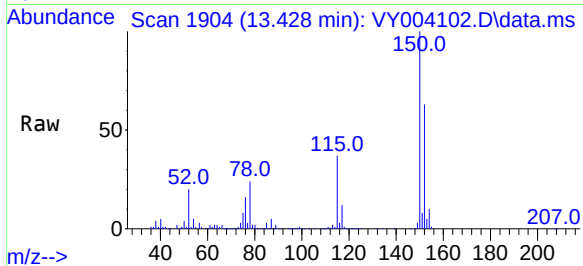




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

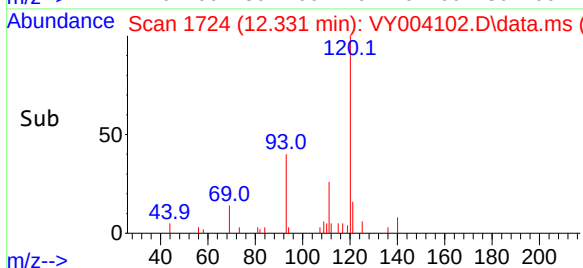
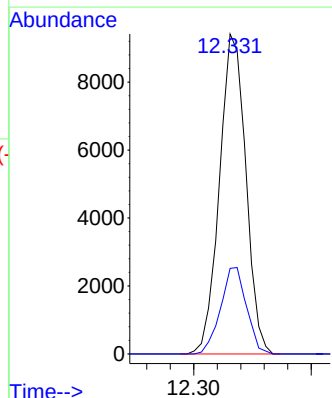
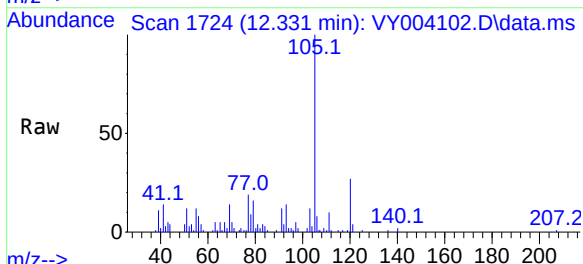
Instrument :
MSVOA_Y
ClientSampled :
UST2

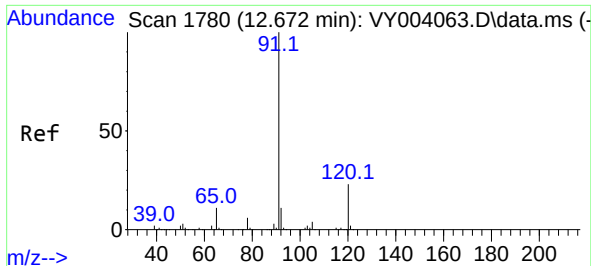
Tgt Ion:152 Resp: 95244
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.6
150 156.0 0.0 347.2



#73
Isopropylbenzene
Concen: 2.21 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

Tgt Ion:105 Resp: 14662
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

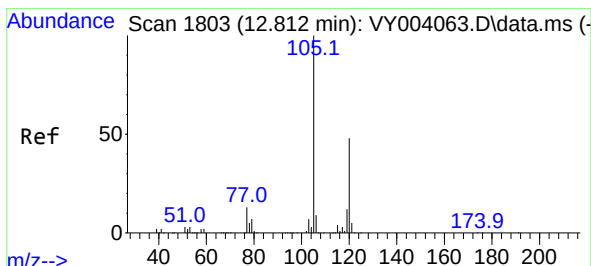
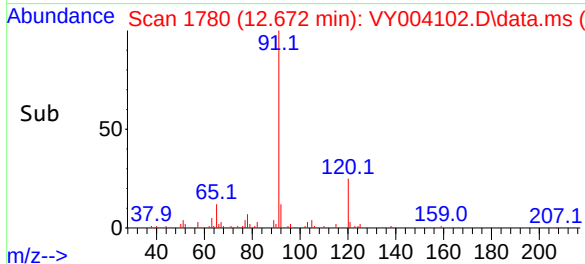
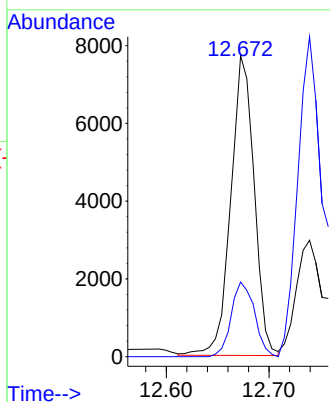
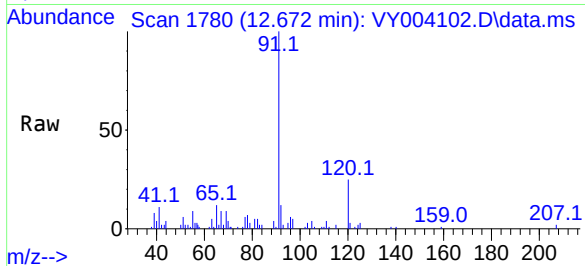




#78
n-propylbenzene
Concen: 1.57 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

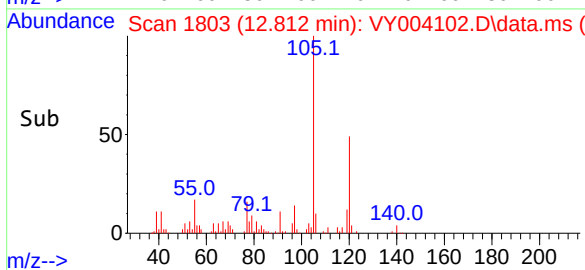
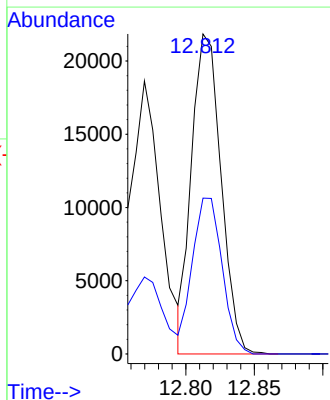
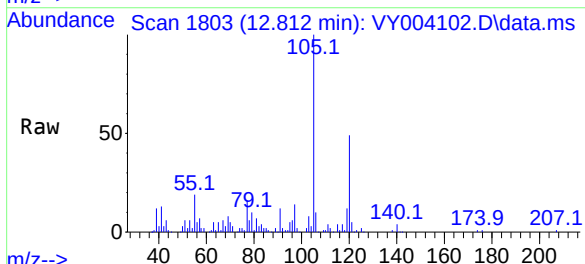
Instrument :
MSVOA_Y
ClientSampled :
UST2

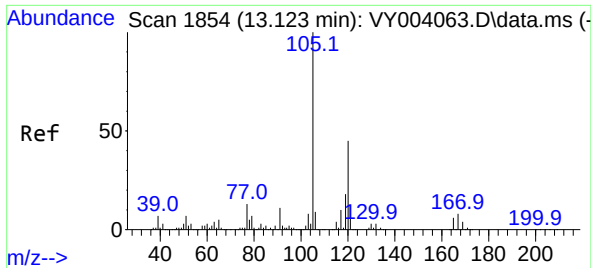
Tgt Ion: 91 Resp: 12235
Ion Ratio Lower Upper
91 100
120 24.7 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 5.82 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004102.D
Acq: 17 Mar 2021 14:47

Tgt Ion: 105 Resp: 32657
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.2





#84
 1,2,4-Trimethylbenzene
 Concen: 5.86 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY004102.D
 Acq: 17 Mar 2021 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST2

Tgt Ion:105 Resp: 32925
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.1 66.3

