

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004103.D
 Acq On : 17 Mar 2021 15:10
 Operator : SY/MD
 Sample : M1681-39
 Misc : 5.03g/5mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST3

Quant Time: Mar 18 01:49:24 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)

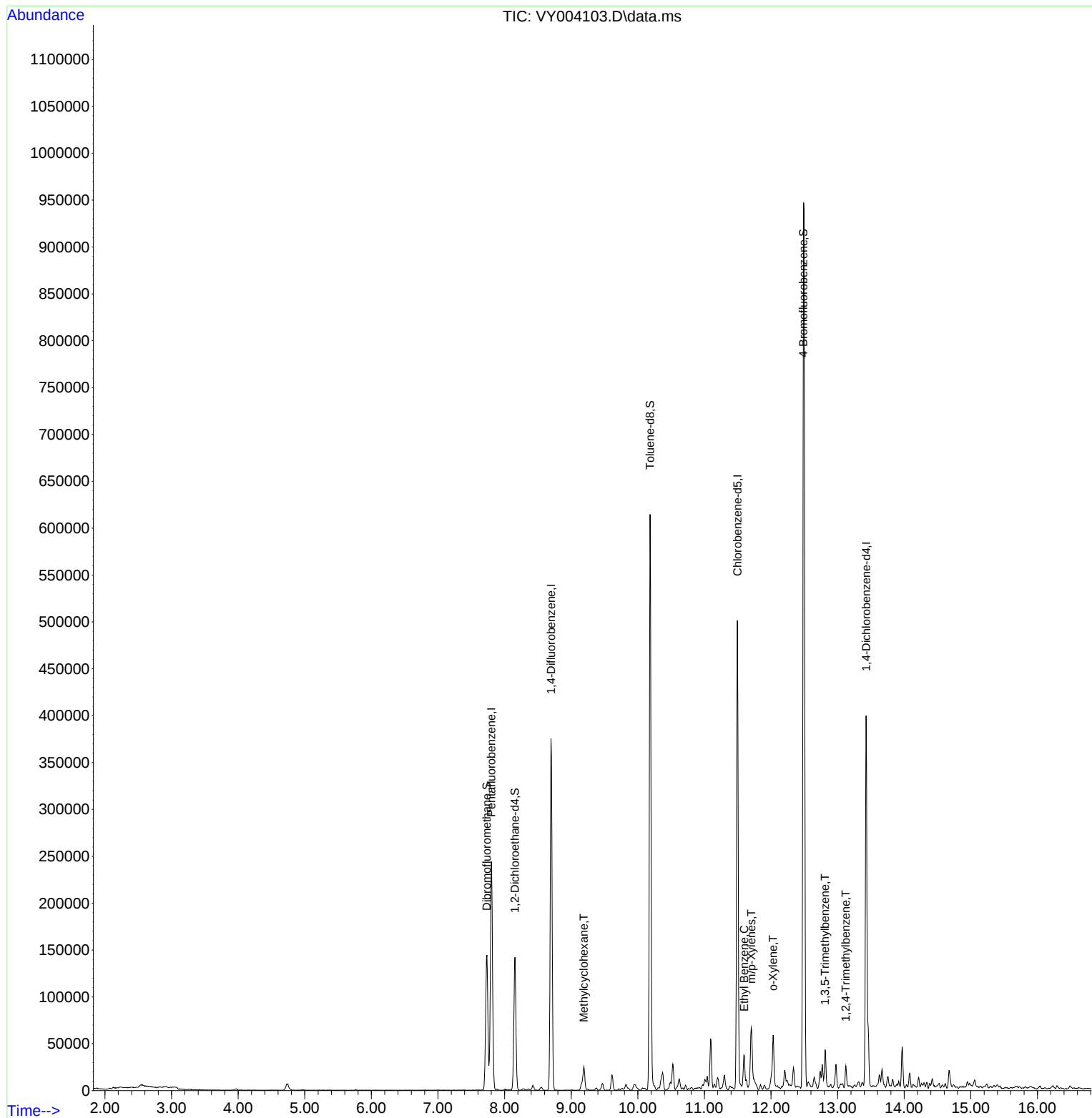
Internal Standards						
1) Pentafluorobenzene	7.801	168	190615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	271382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101142	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	107934	57.38	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.76%			
35) Dibromofluoromethane	7.734	113	100627	55.48	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.96%			
50) Toluene-d8	10.185	98	372279	52.36	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.72%			
62) 4-Bromofluorobenzene	12.483	95	110118	41.93	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.86%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.191	83	11549	3.16	ug/l	91
67) Ethyl Benzene	11.599	91	22458	2.35	ug/l	100
68) m/p-Xylenes	11.703	106	19641	5.39	ug/l	94
69) o-Xylene	12.032	106	14348	4.17	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	14658	2.46	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	11465	1.92	ug/l	93

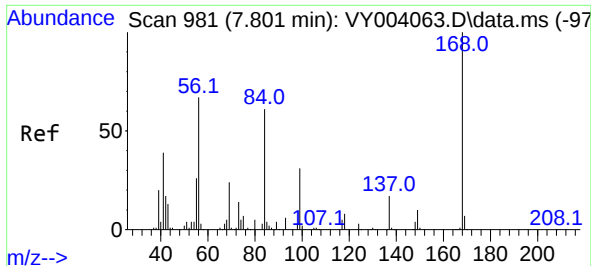
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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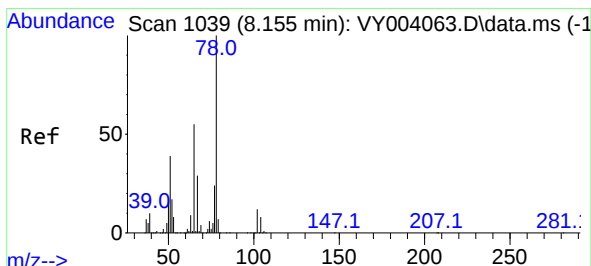
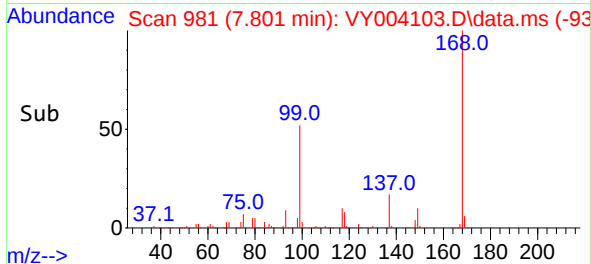
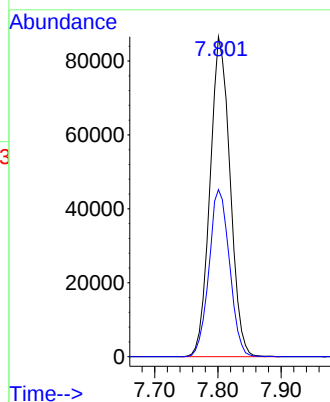
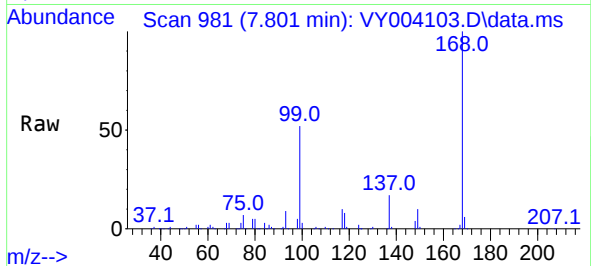




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004103.D
Acq: 17 Mar 2021 15:10

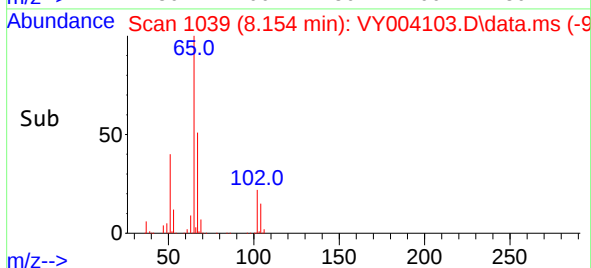
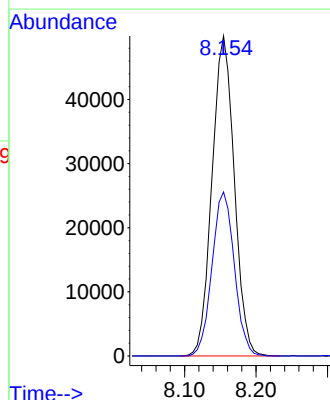
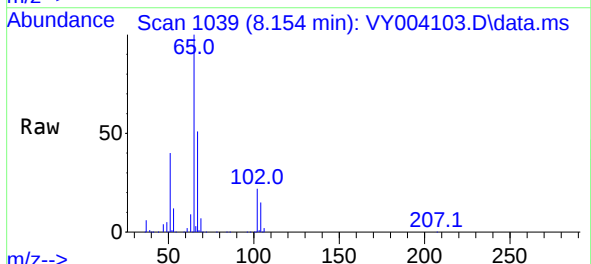
Instrument :
MSVOA_Y
ClientSampled :
UST3

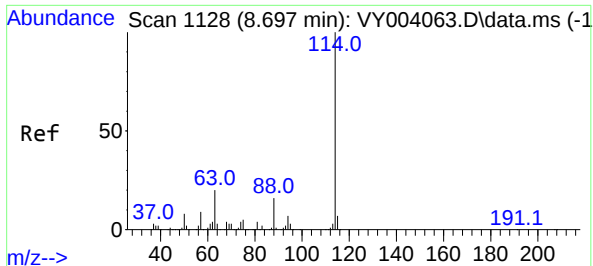
Tgt Ion:168 Resp: 190615
Ion Ratio Lower Upper
168 100
99 52.2 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 57.38 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.001 min
Lab File: VY004103.D
Acq: 17 Mar 2021 15:10

Tgt Ion: 65 Resp: 107934
Ion Ratio Lower Upper
65 100
67 51.3 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: VY004103.D

Acq: 17 Mar 2021 15:10

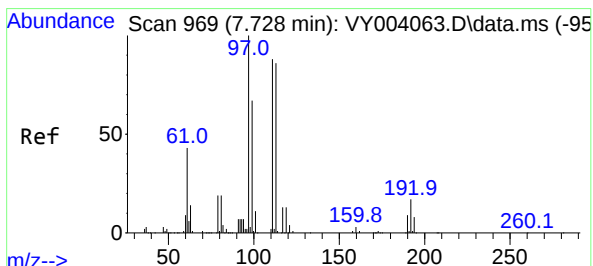
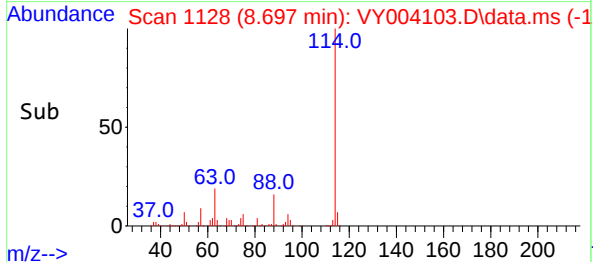
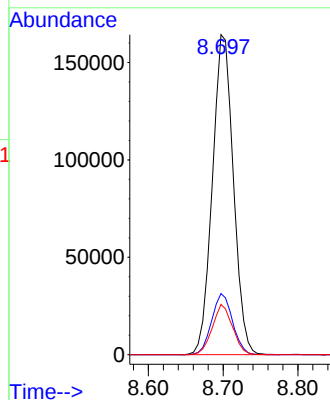
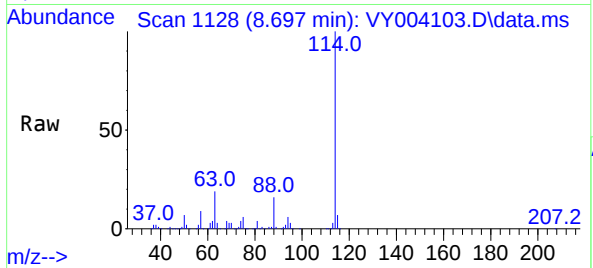
Tgt Ion:114 Resp: 321632

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.6

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 55.48 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY004103.D

Acq: 17 Mar 2021 15:10

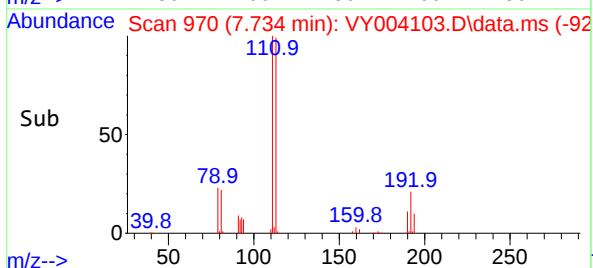
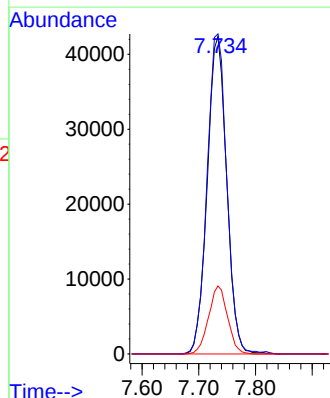
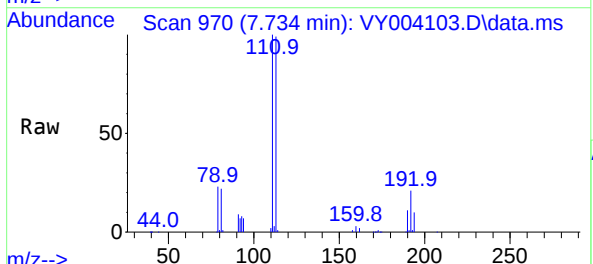
Tgt Ion:113 Resp: 100627

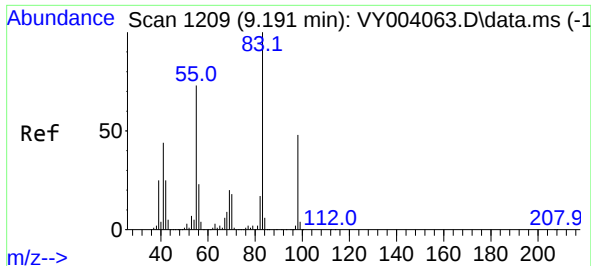
Ion Ratio Lower Upper

113 100

111 102.7 83.2 124.8

192 20.9 18.5 27.7

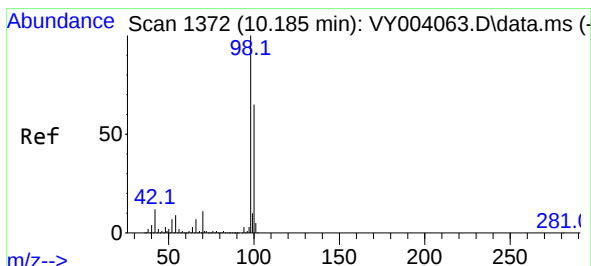
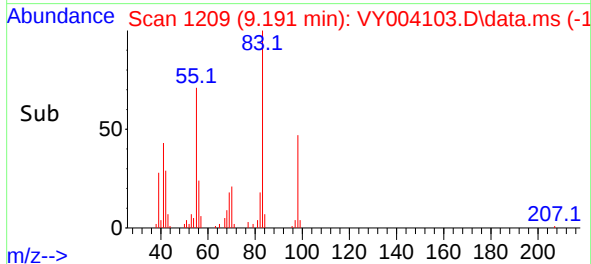
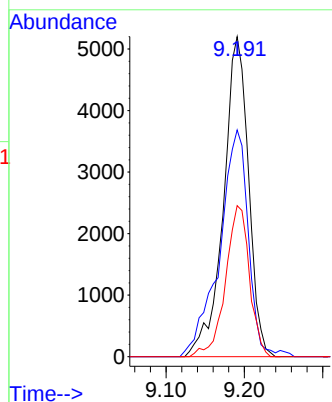
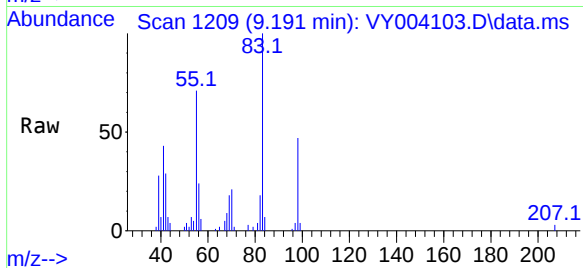




#39
Methylcyclohexane
Concen: 3.16 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.000 min
Lab File: VY004103.D
Acq: 17 Mar 2021 15:10

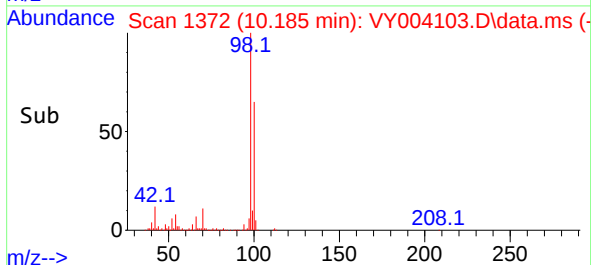
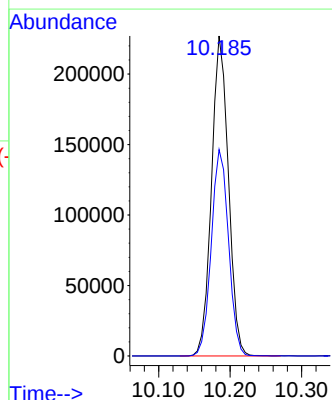
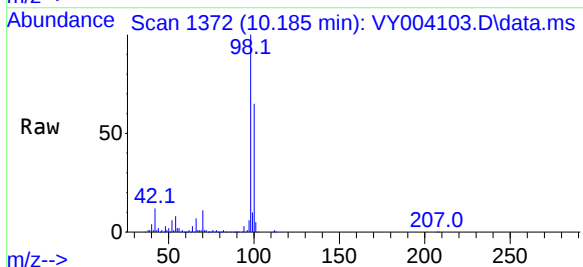
Instrument :
MSVOA_Y
ClientSampleId :
UST3

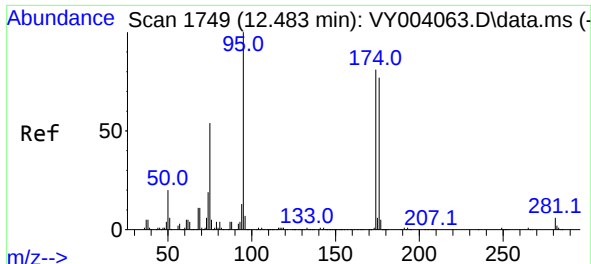
Tgt Ion:	83	Resp:	11549
Ion	Ratio	Lower	Upper
83	100		
55	70.9	65.6	98.4
98	47.2	39.5	59.3



#50
Toluene-d8
Concen: 52.36 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004103.D
Acq: 17 Mar 2021 15:10

Tgt Ion:	98	Resp:	372279
Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.8	77.6

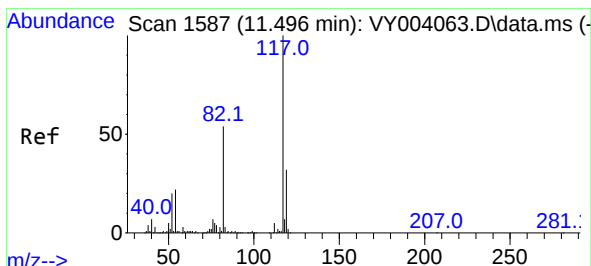
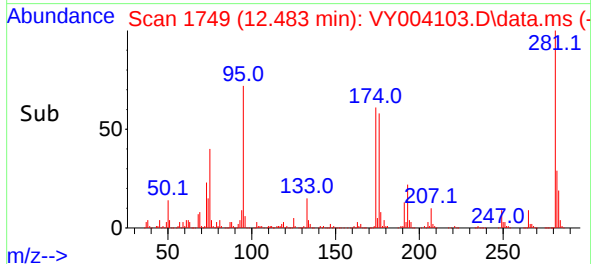
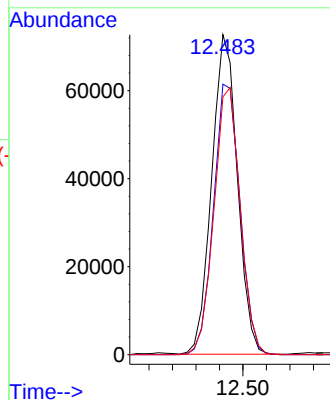
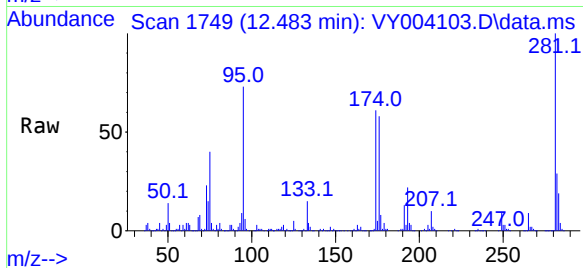




#62
4-Bromofluorobenzene
Concen: 41.93 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004103.D
Acq: 17 Mar 2021 15:10

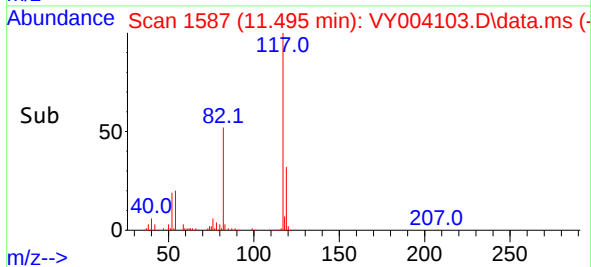
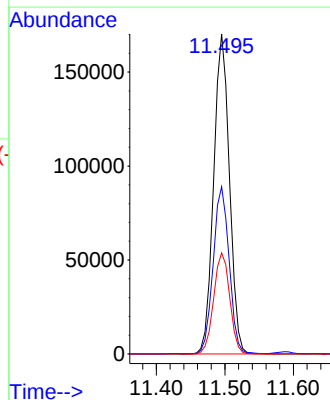
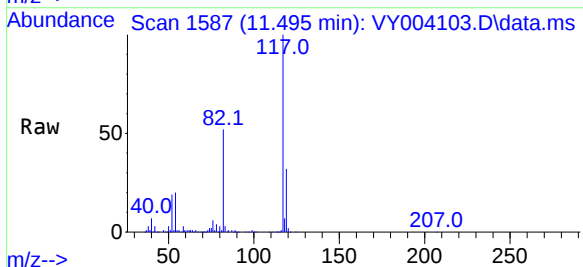
Instrument :
MSVOA_Y
ClientSampleId :
UST3

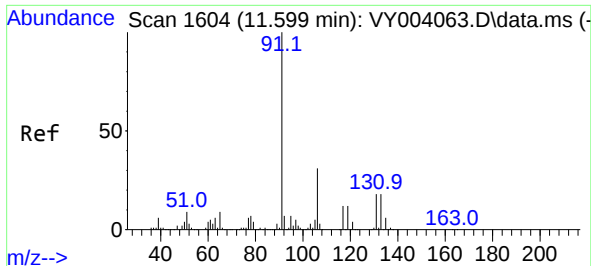
Tgt Ion: 95 Resp: 110118
Ion Ratio Lower Upper
95 100
174 87.3 0.0 179.0
176 85.7 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004103.D
Acq: 17 Mar 2021 15:10

Tgt Ion: 117 Resp: 271382
Ion Ratio Lower Upper
117 100
82 52.2 43.8 65.6
119 31.6 26.2 39.2

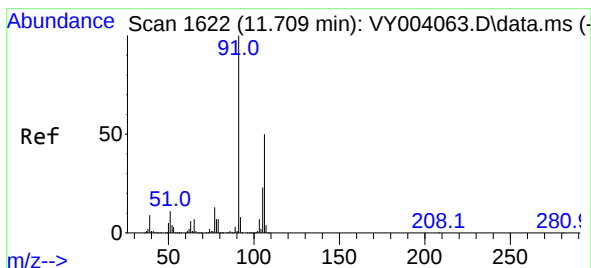
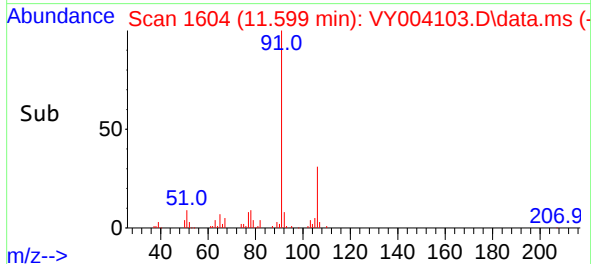
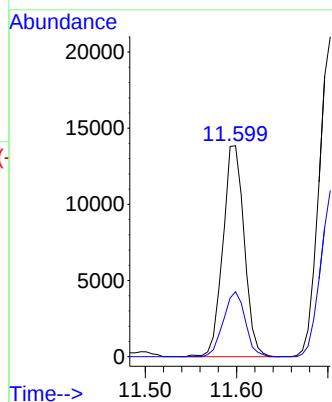
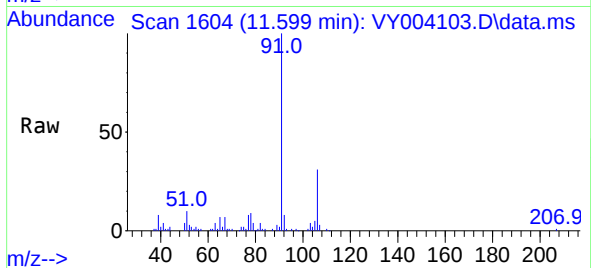




#67
Ethyl Benzene
Concen: 2.35 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY004103.D
Acq: 17 Mar 2021 15:10

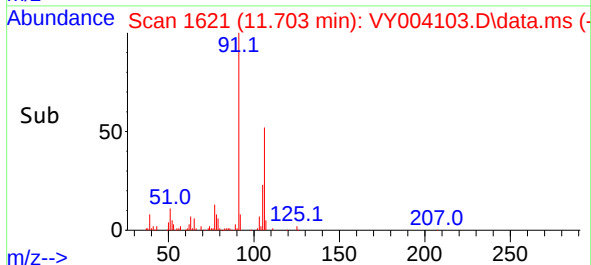
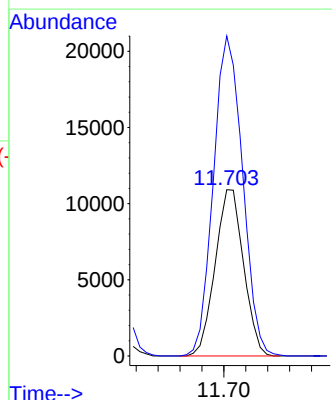
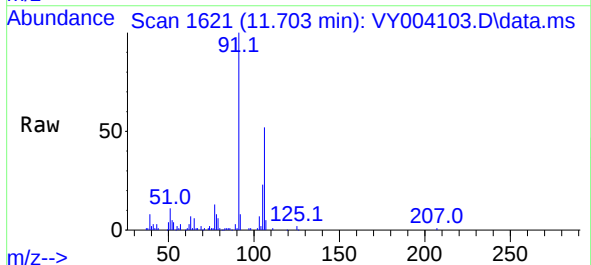
Instrument :
MSVOA_Y
ClientSampled :
UST3

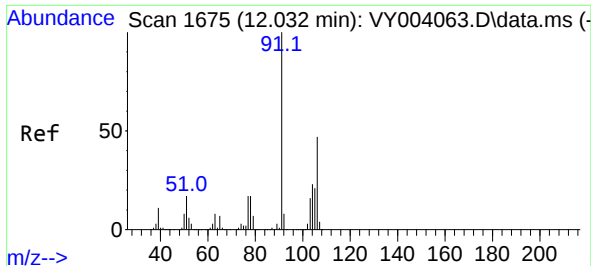
Tgt Ion: 91 Resp: 22458
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7



#68
m/p-Xylenes
Concen: 5.39 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004103.D
Acq: 17 Mar 2021 15:10

Tgt Ion: 106 Resp: 19641
Ion Ratio Lower Upper
106 100
91 197.7 165.4 248.0

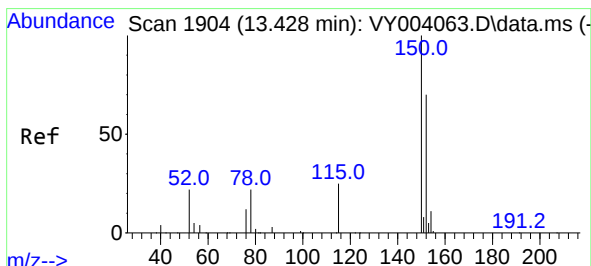
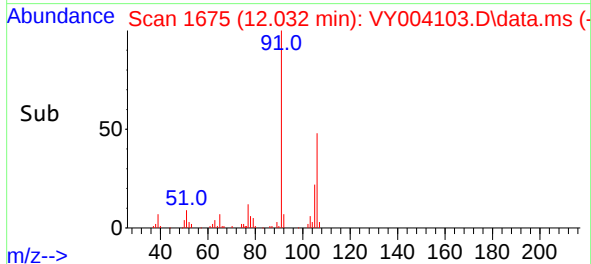
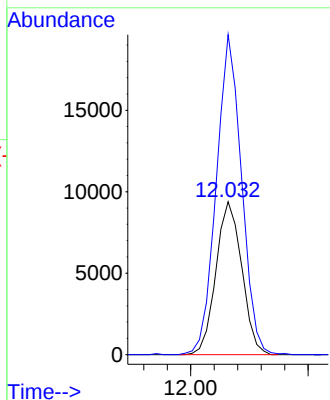
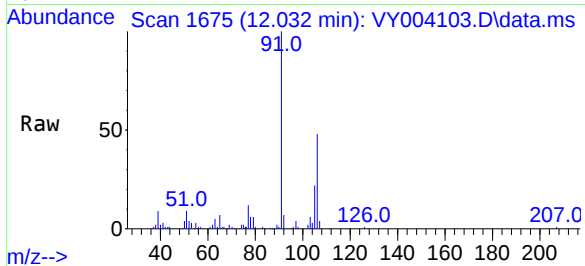




#69
o-Xylene
Concen: 4.17 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004103.D
Acq: 17 Mar 2021 15:10

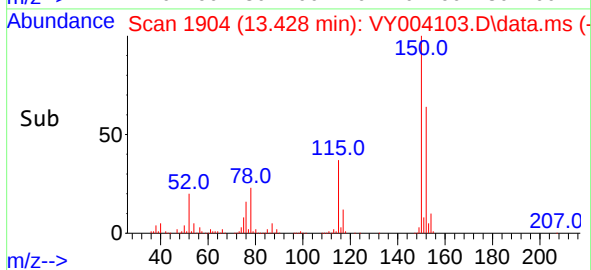
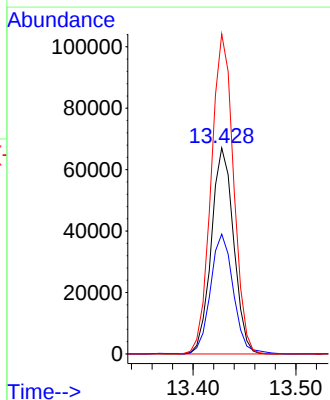
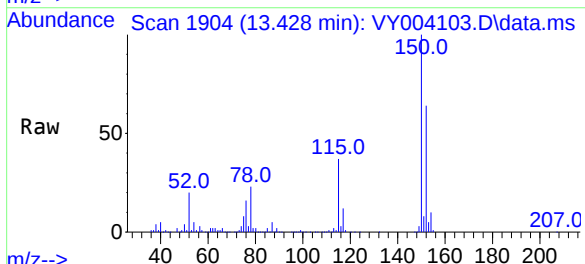
Instrument :
MSVOA_Y
ClientSampleId :
UST3

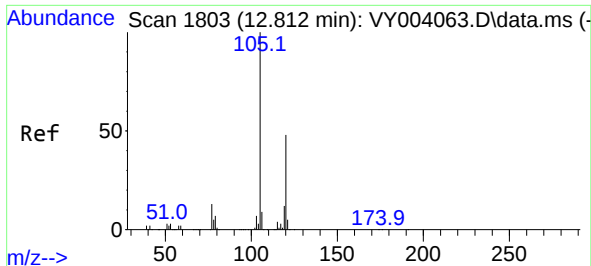
Tgt Ion:106 Resp: 14348
Ion Ratio Lower Upper
106 100
91 204.7 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004103.D
Acq: 17 Mar 2021 15:10

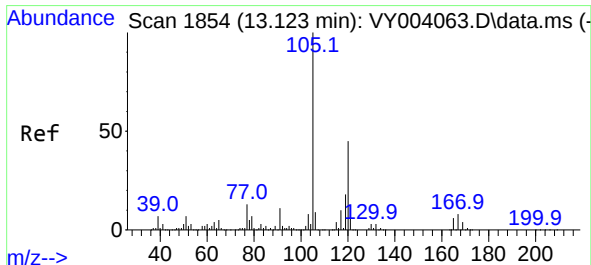
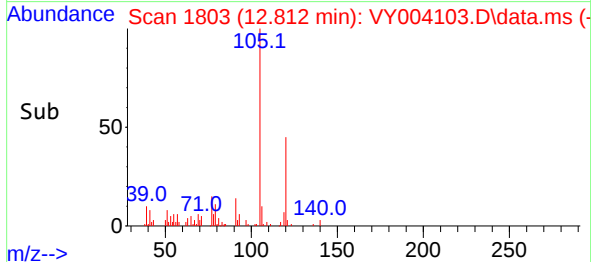
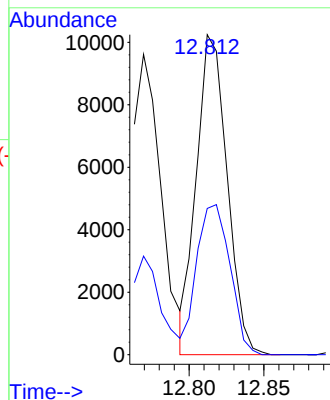
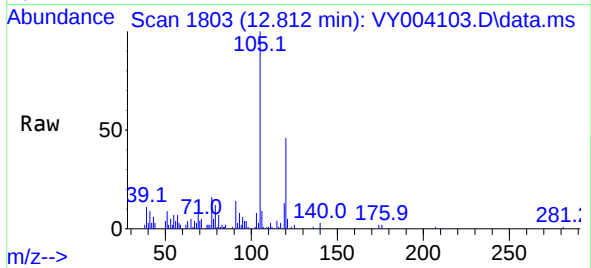
Tgt Ion:152 Resp: 101142
Ion Ratio Lower Upper
152 100
115 59.7 28.2 84.6
150 155.8 0.0 347.2





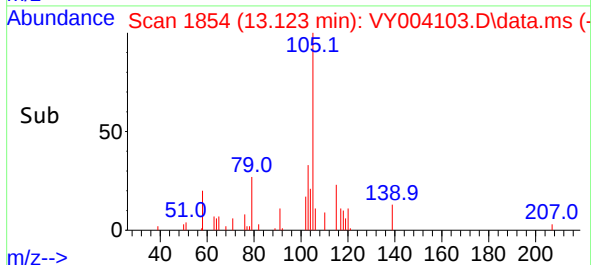
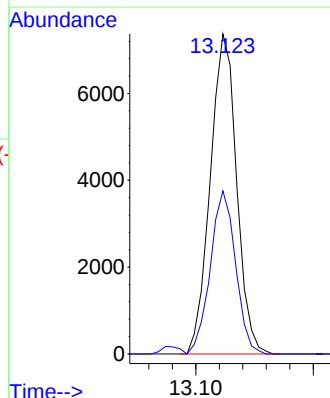
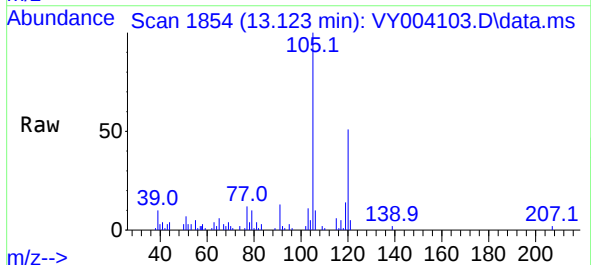
#80
1,3,5-Trimethylbenzene
Concen: 2.46 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004103.D
Acq: 17 Mar 2021 15:10

Tgt Ion:105 Resp: 14658
Ion Ratio Lower Upper
105 100
120 51.0 24.1 72.2



#84
1,2,4-Trimethylbenzene
Concen: 1.92 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004103.D
Acq: 17 Mar 2021 15:10

Tgt Ion:105 Resp: 11465
Ion Ratio Lower Upper
105 100
120 48.8 22.1 66.3



Instrument :
MSVOA_Y
ClientSampleId :
UST3