

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004106.D
 Acq On : 17 Mar 2021 16:20
 Operator : SY/MD
 Sample : M1681-37RE
 Misc : 4.04g/5mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST1RE

Quant Time: Mar 18 01:50:20 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)

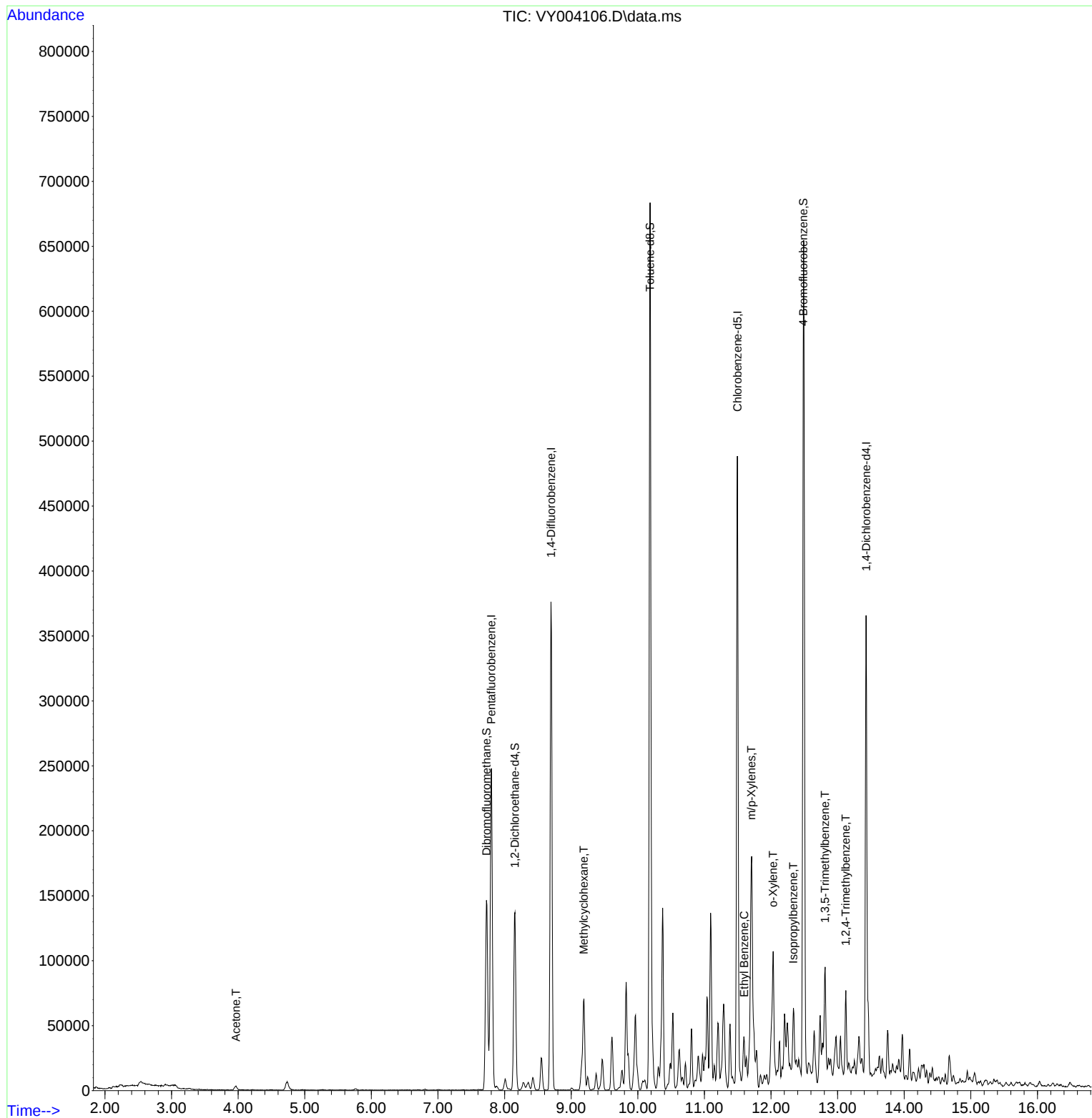
Internal Standards						
1) Pentafluorobenzene	7.801	168	192348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	107878	56.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.66%	
35) Dibromofluoromethane	7.728	113	101234	54.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.16%	
50) Toluene-d8	10.185	98	386305	53.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.26%	
62) 4-Bromofluorobenzene	12.483	95	105509	39.29	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.58%	
Target Compounds						
						Qvalue
16) Acetone	3.966	43	5675	12.39	ug/l	# 89
39) Methylcyclohexane	9.191	83	29762	7.97	ug/l	93
67) Ethyl Benzene	11.599	91	19933	2.11	ug/l	97
68) m/p-Xylenes	11.703	106	40560	11.24	ug/l	94
69) o-Xylene	12.032	106	23699	6.95	ug/l	95
73) Isopropylbenzene	12.337	105	7423	1.17	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	17490	3.25	ug/l	92
84) 1,2,4-Trimethylbenzene	13.123	105	33106	6.14	ug/l	98

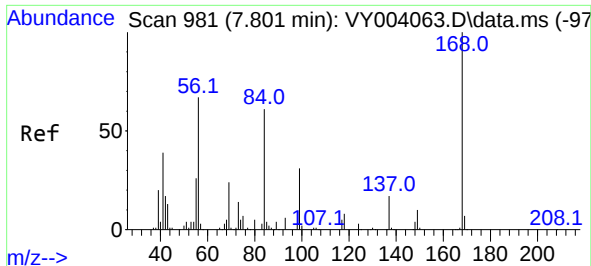
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

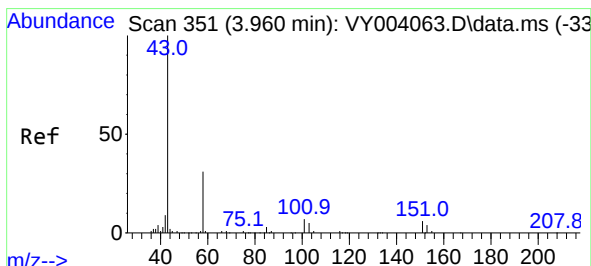
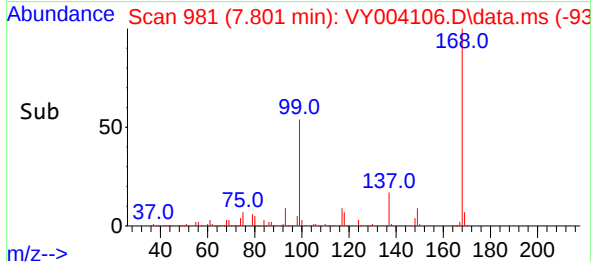
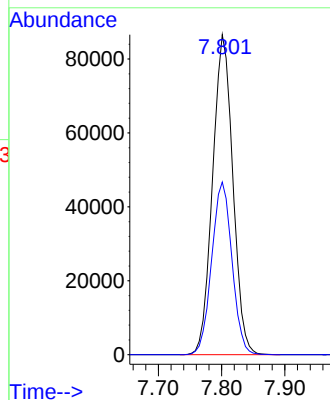
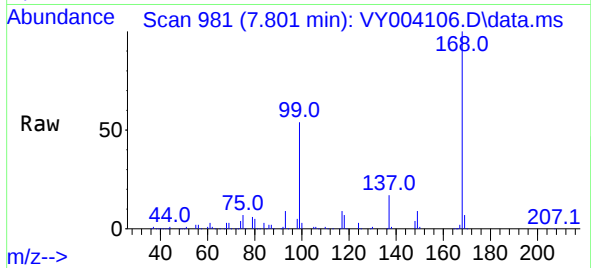




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

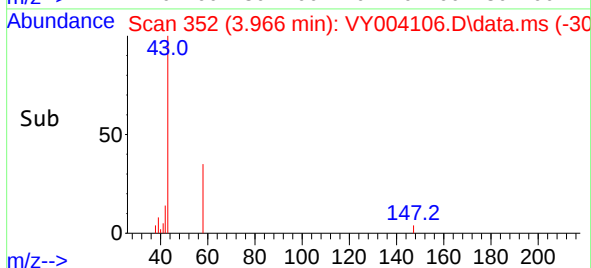
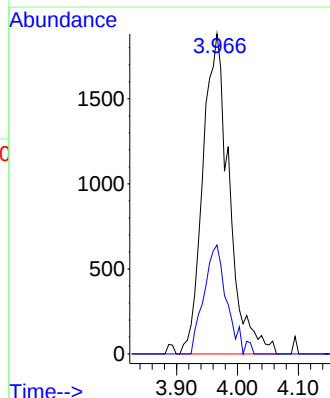
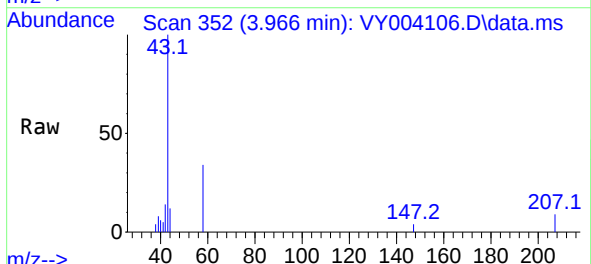
Instrument :
MSVOA_Y
ClientSampleId :
UST1RE

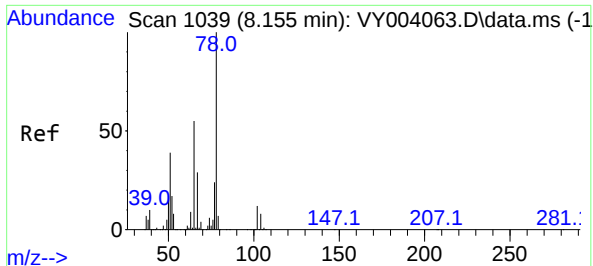
Tgt Ion:168 Resp: 192348
Ion Ratio Lower Upper
168 100
99 54.0 41.2 61.8



#16
Acetone
Concen: 12.39 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

Tgt Ion: 43 Resp: 5675
Ion Ratio Lower Upper
43 100
58 34.1 22.6 34.0#

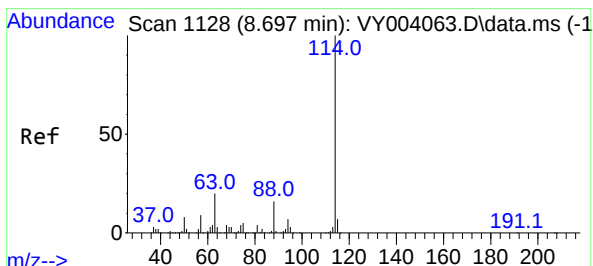
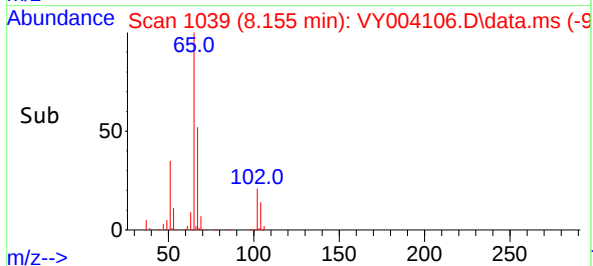
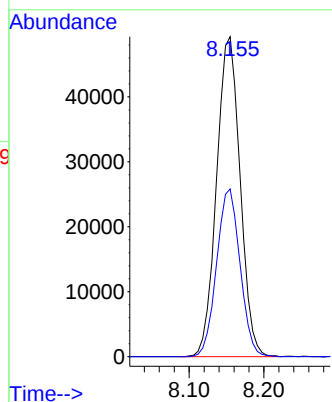
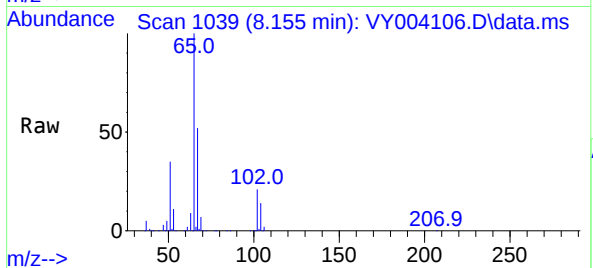




#33
1,2-Dichloroethane-d4
Concen: 56.83 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

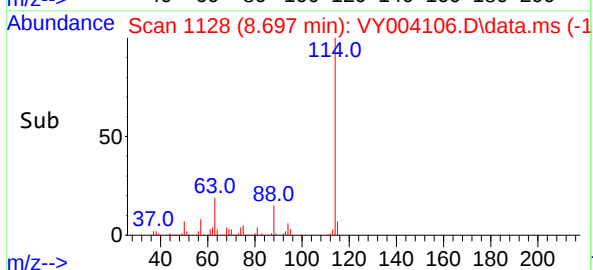
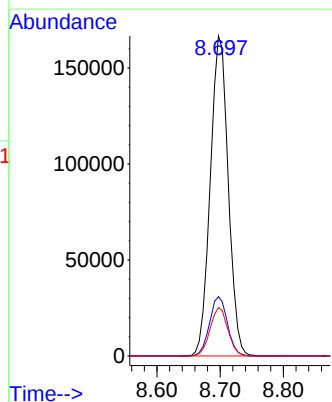
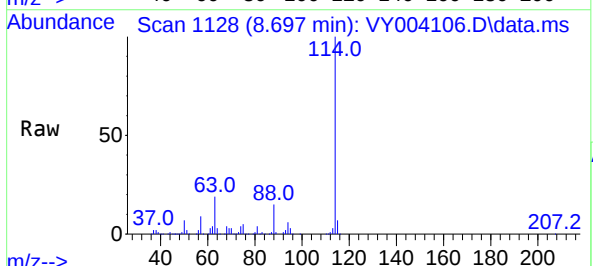
Instrument :
MSVOA_Y
ClientSampleId :
UST1RE

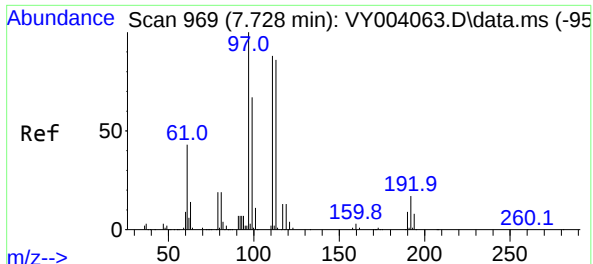
Tgt Ion: 65 Resp: 107878
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

Tgt Ion: 114 Resp: 328905
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.6
88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.58 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004106.D

Acq: 17 Mar 2021 16:20

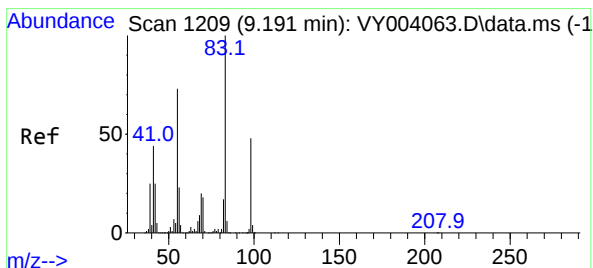
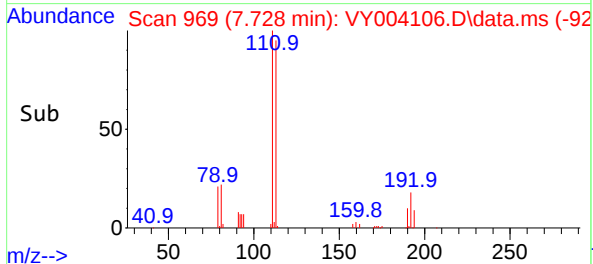
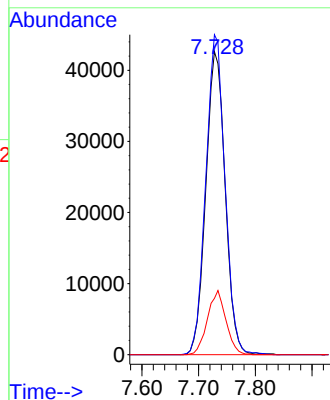
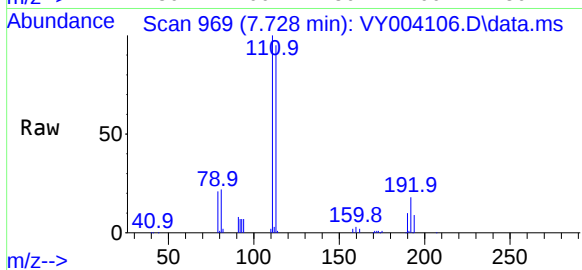
Tgt Ion:113 Resp: 101234

Ion Ratio Lower Upper

113 100

111 104.6 83.2 124.8

192 20.2 18.5 27.7



#39

Methylcyclohexane

Concen: 7.97 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VY004106.D

Acq: 17 Mar 2021 16:20

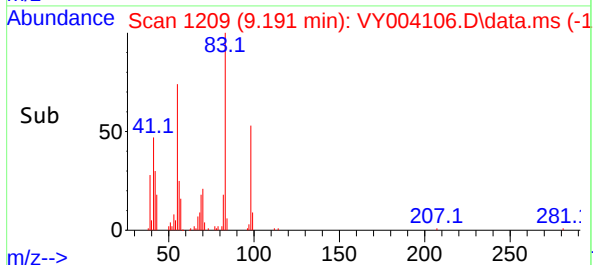
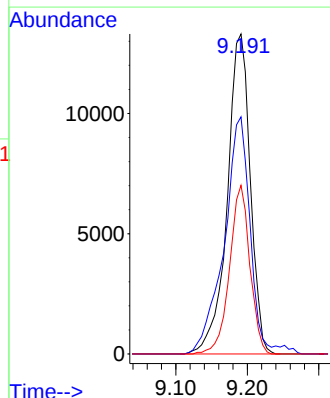
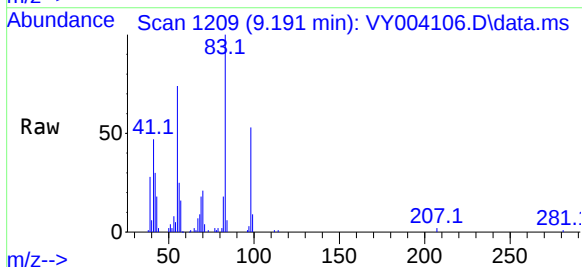
Tgt Ion: 83 Resp: 29762

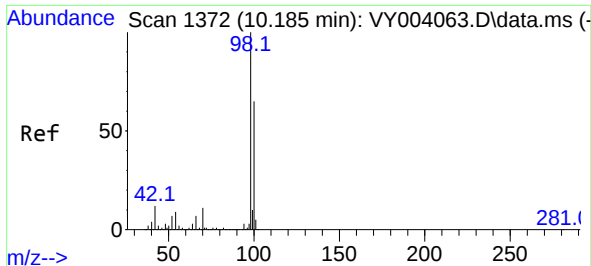
Ion Ratio Lower Upper

83 100

55 74.1 65.6 98.4

98 52.7 39.5 59.3

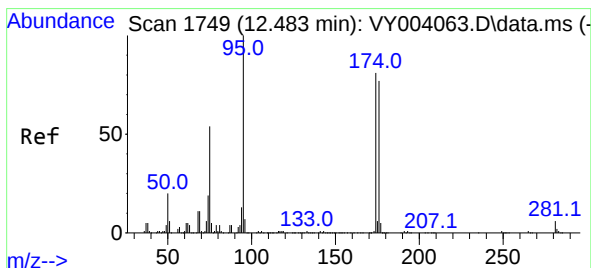
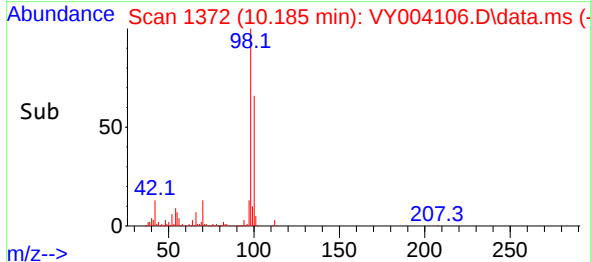
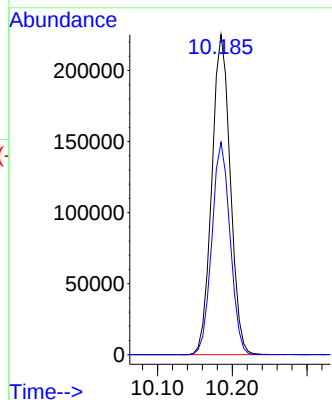
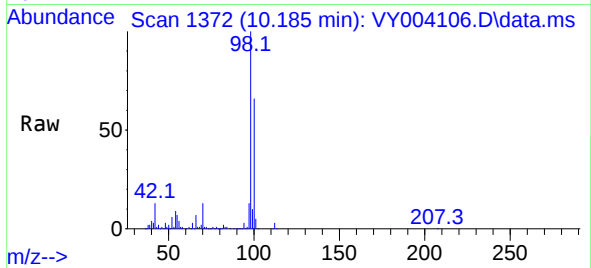




#50
Toluene-d8
Concen: 53.13 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

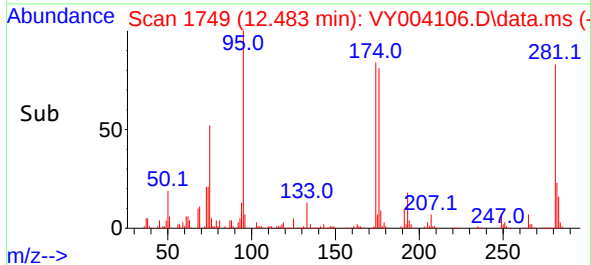
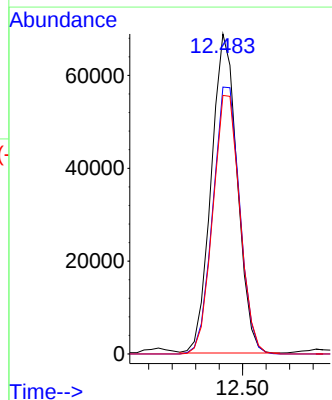
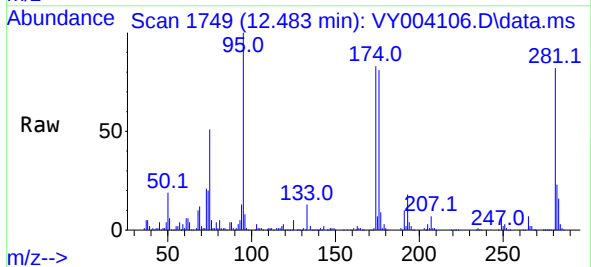
Instrument :
MSVOA_Y
ClientSampleId :
UST1RE

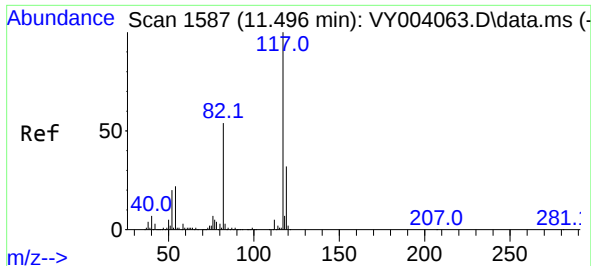
Tgt Ion: 98 Resp: 386305
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 39.29 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

Tgt Ion: 95 Resp: 105509
Ion Ratio Lower Upper
95 100
174 86.6 0.0 179.0
176 84.2 0.0 174.4

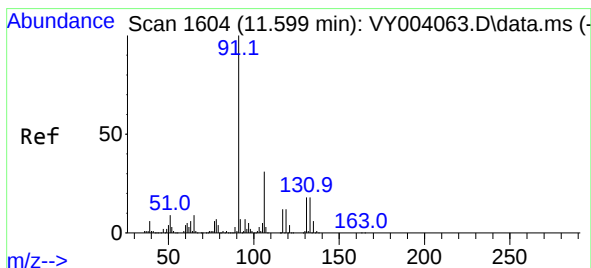
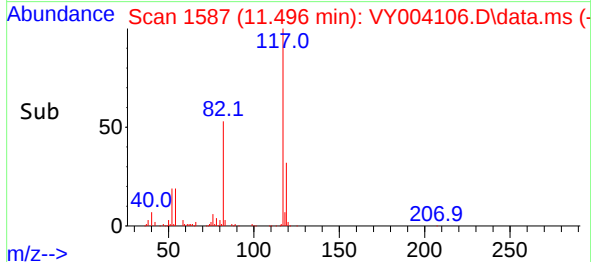
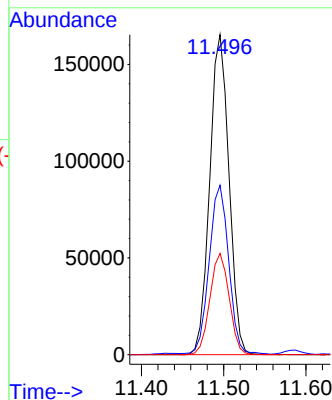
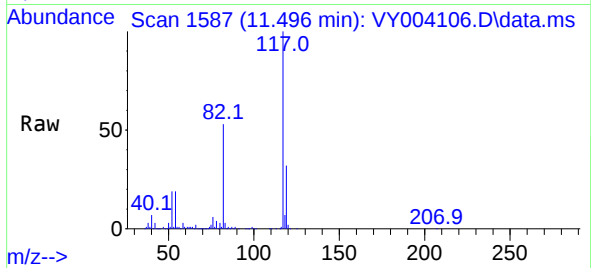




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

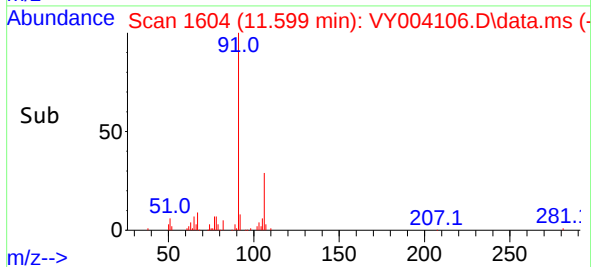
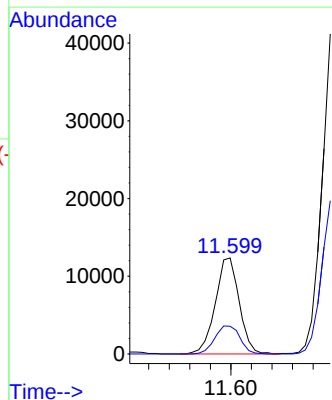
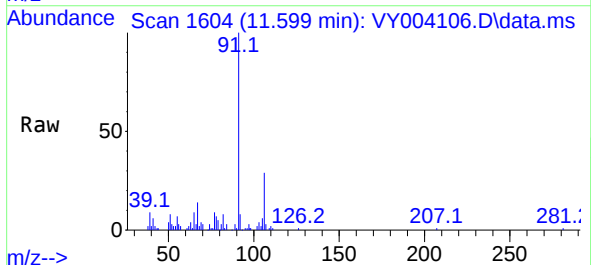
Instrument :
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ClientSampleId :
UST1RE

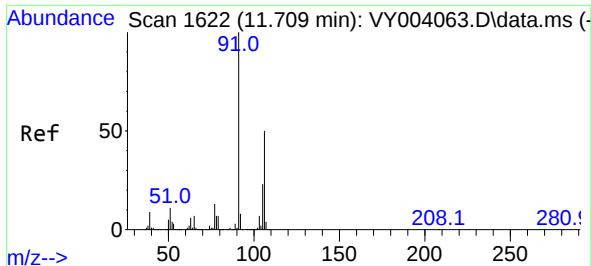
Tgt Ion:	117	Resp:	268875
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.8	65.6
119	31.6	26.2	39.2



#67
Ethyl Benzene
Concen: 2.11 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

Tgt Ion:	91	Resp:	19933
Ion	Ratio	Lower	Upper
91	100		
106	28.9	24.5	36.7

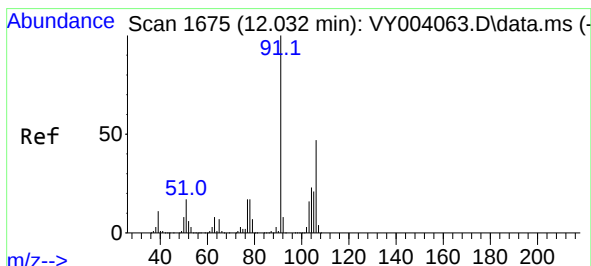
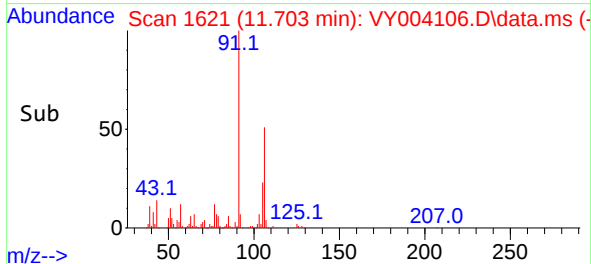
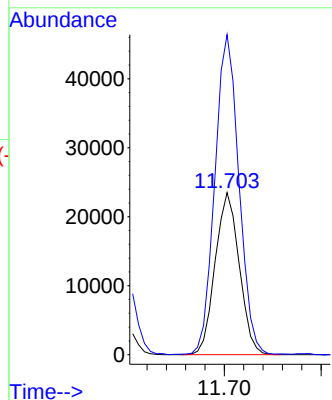
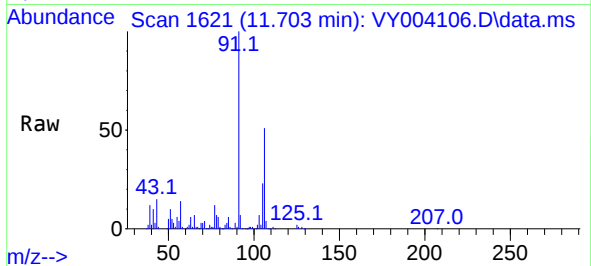




#68
m/p-Xylenes
Concen: 11.24 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

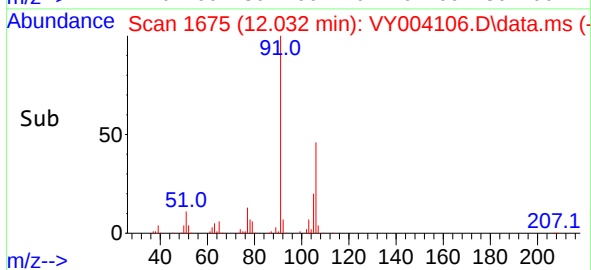
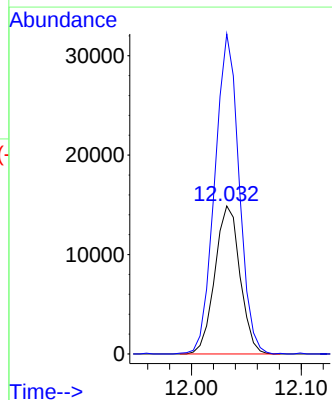
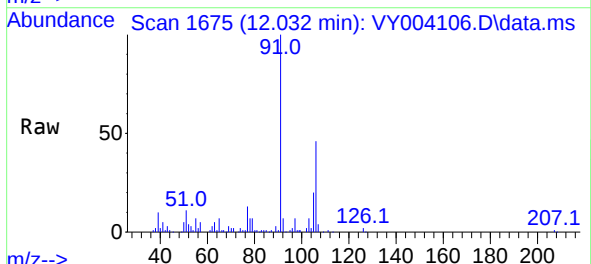
Instrument :
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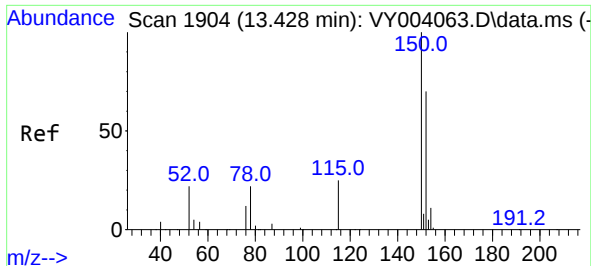
Tgt Ion:106 Resp: 40560
Ion Ratio Lower Upper
106 100
91 197.0 165.4 248.0



#69
o-Xylene
Concen: 6.95 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

Tgt Ion:106 Resp: 23699
Ion Ratio Lower Upper
106 100
91 209.5 108.9 326.7

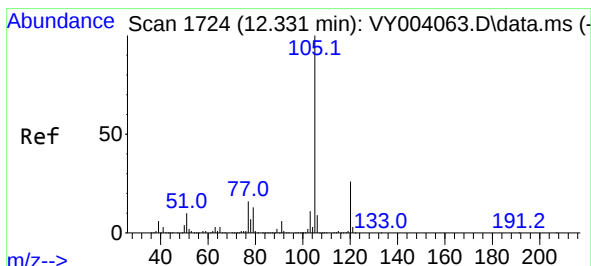
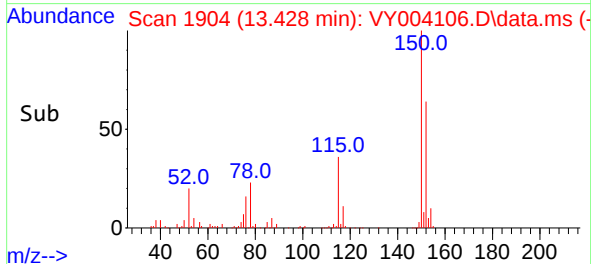
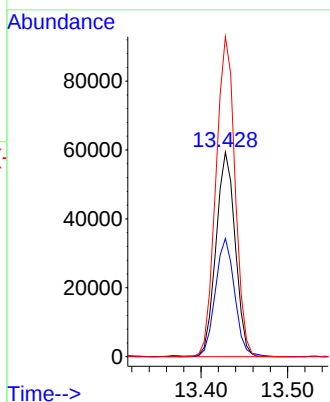
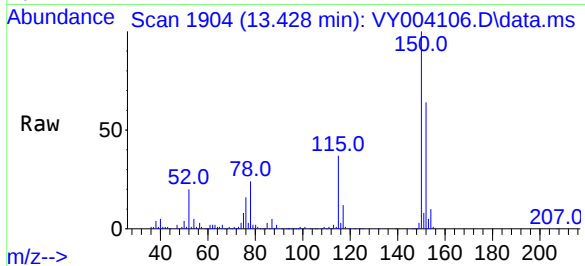




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

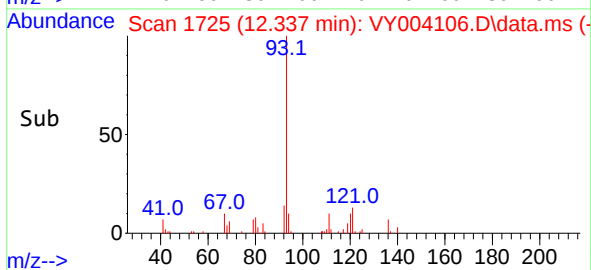
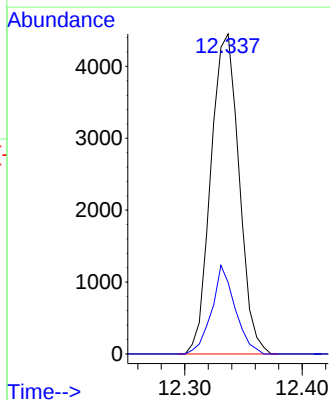
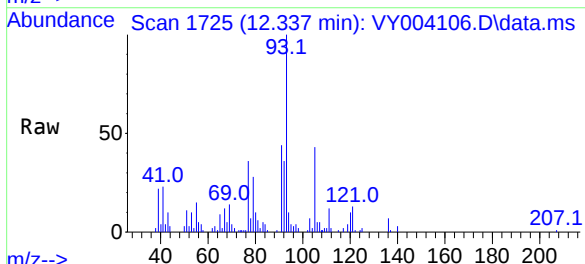
Instrument :
MSVOA_Y
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UST1RE

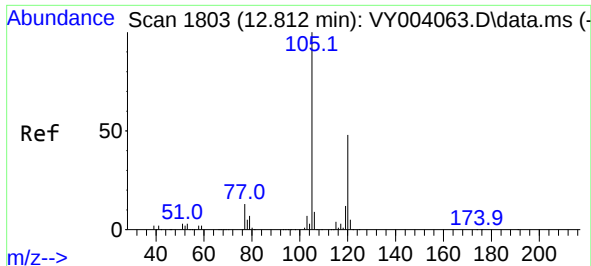
Tgt Ion:152 Resp: 91401
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.6
150 156.2 0.0 347.2



#73
Isopropylbenzene
Concen: 1.17 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

Tgt Ion:105 Resp: 7423
Ion Ratio Lower Upper
105 100
120 22.9 13.3 39.9

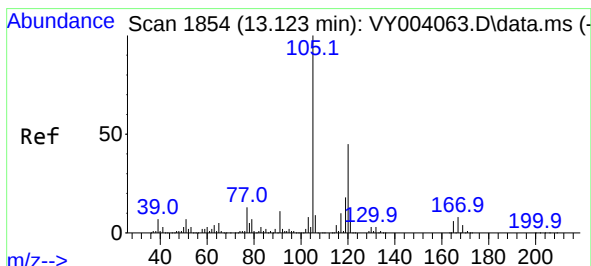
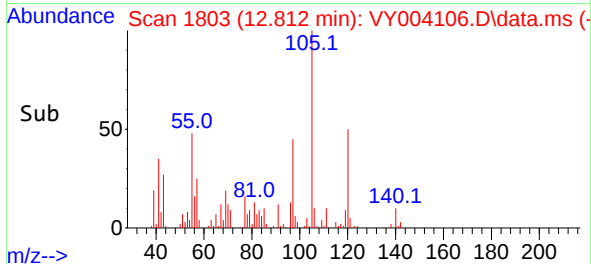
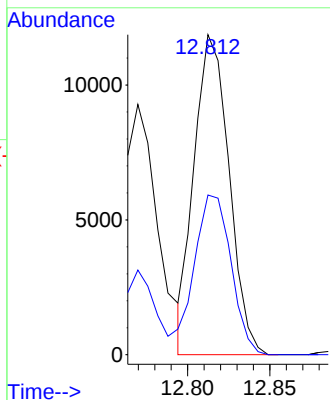
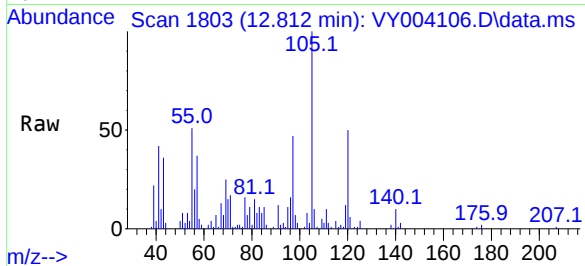




#80
1,3,5-Trimethylbenzene
Concen: 3.25 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

Instrument :
MSVOA_Y
ClientSampleId :
UST1RE

Tgt Ion:105 Resp: 17490
Ion Ratio Lower Upper
105 100
120 53.3 24.1 72.2



#84
1,2,4-Trimethylbenzene
Concen: 6.14 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004106.D
Acq: 17 Mar 2021 16:20

Tgt Ion:105 Resp: 33106
Ion Ratio Lower Upper
105 100
120 45.3 22.1 66.3

