

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004101.D
 Acq On : 17 Mar 2021 14:24
 Operator : SY/MD
 Sample : M1681-37
 Misc : 4.46g/5mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST1

Quant Time: Mar 18 01:48:40 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)

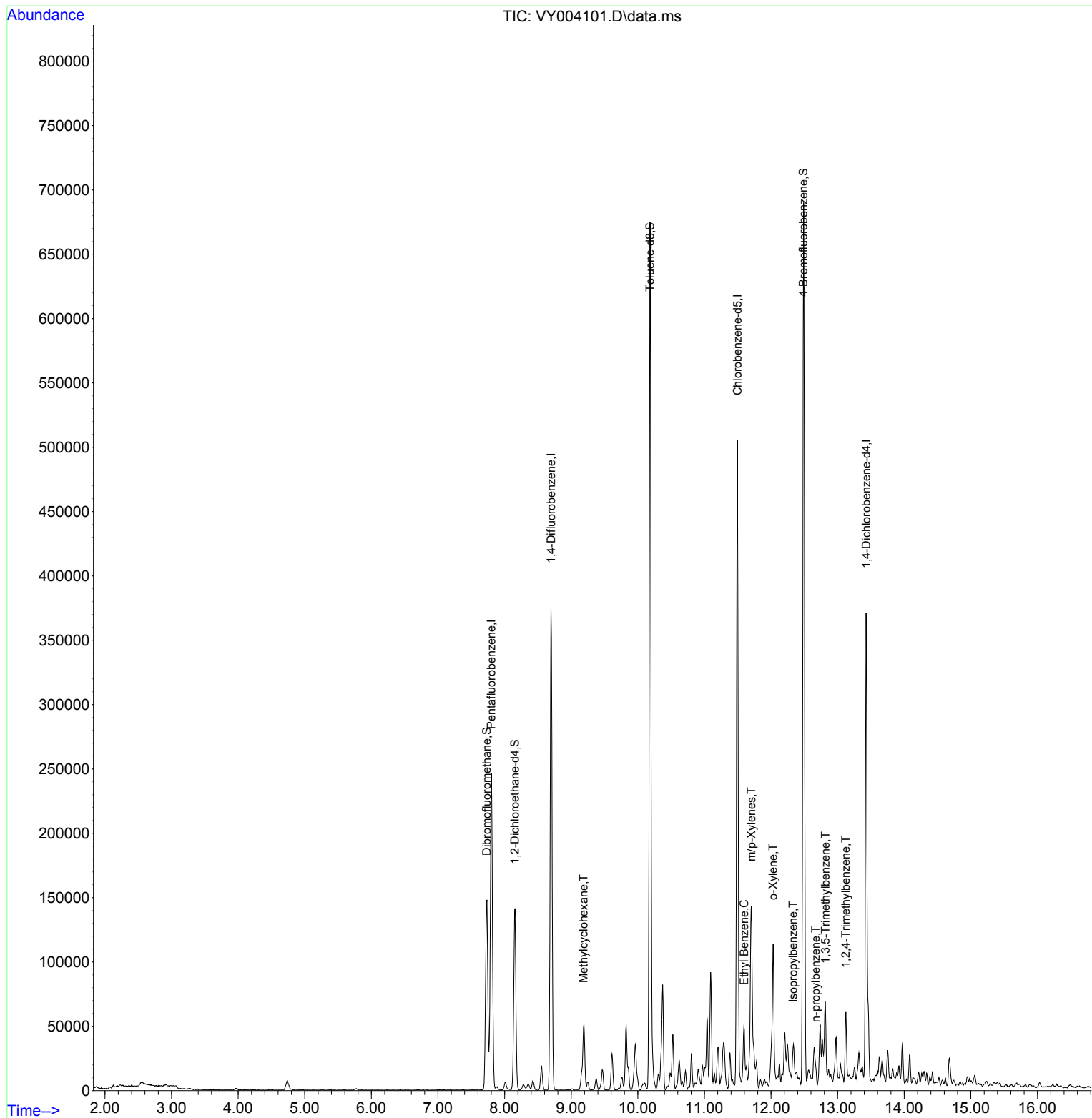
Internal Standards						
1) Pentafluorobenzene	7.801	168	191626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	272809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	110051	58.20	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.40%
35) Dibromofluoromethane	7.734	113	102365	55.48	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.96%
50) Toluene-d8	10.185	98	385956	53.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.72%
62) 4-Bromofluorobenzene	12.483	95	105251	39.40	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.80%
Target Compounds						Qvalue
39) Methylcyclohexane	9.185	83	22468	6.05	ug/l	92
67) Ethyl Benzene	11.599	91	26969	2.81	ug/l	95
68) m/p-Xylenes	11.703	106	41899	11.45	ug/l	94
69) o-Xylene	12.032	106	26667	7.71	ug/l	94
73) Isopropylbenzene	12.331	105	8171	1.27	ug/l	99
78) n-propylbenzene	12.672	91	9082	1.19	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	19613	3.58	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	27664	5.05	ug/l	96

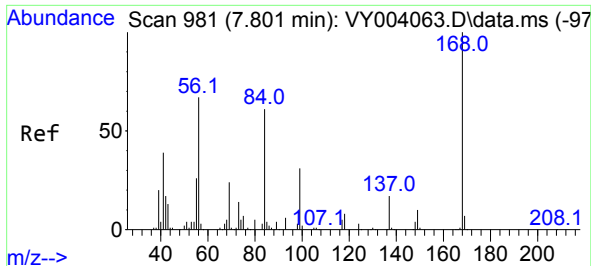
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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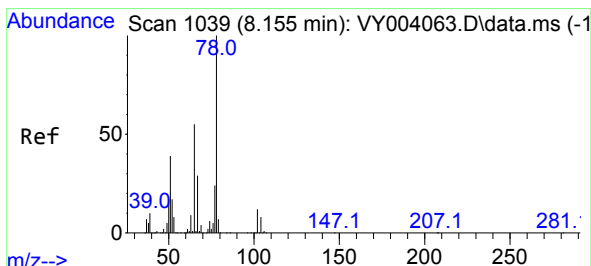
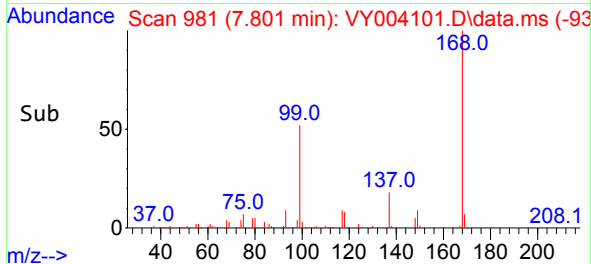
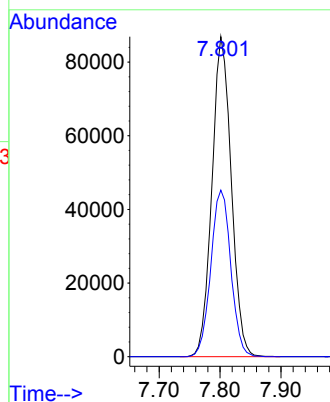
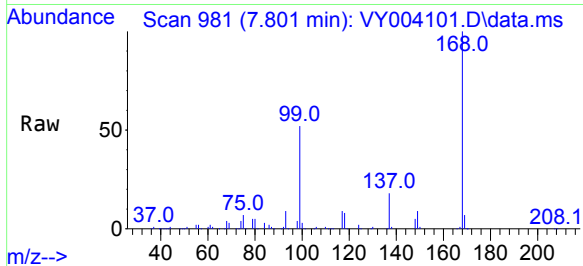




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

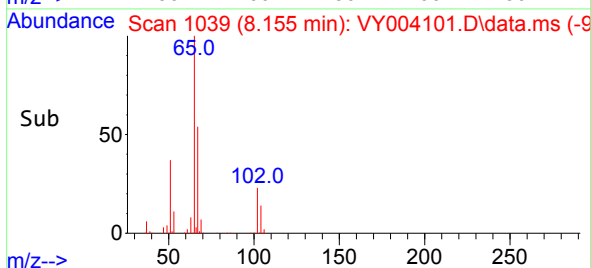
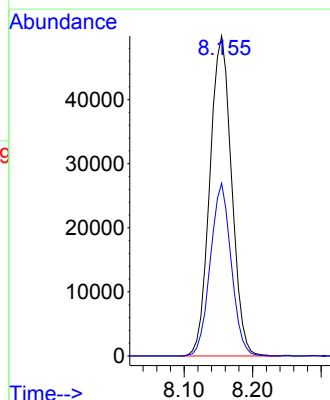
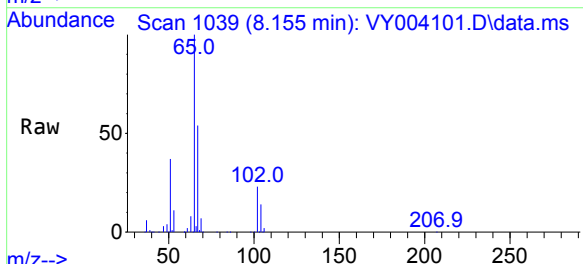
Instrument :
MSVOA_Y
ClientSampled :
UST1

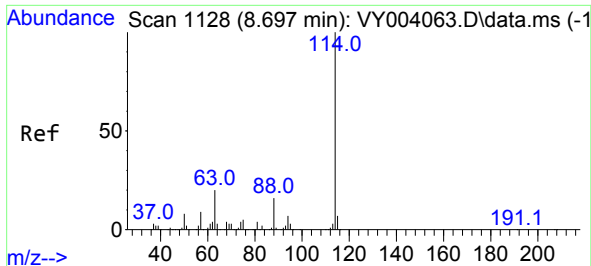
Tgt Ion:168 Resp: 191626
Ion Ratio Lower Upper
168 100
99 52.1 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 58.20 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

Tgt Ion: 65 Resp: 110051
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.4

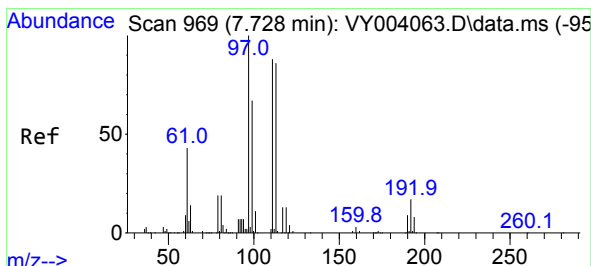
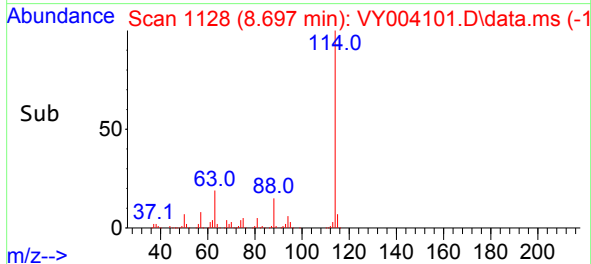
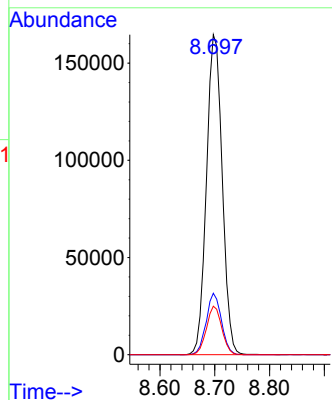
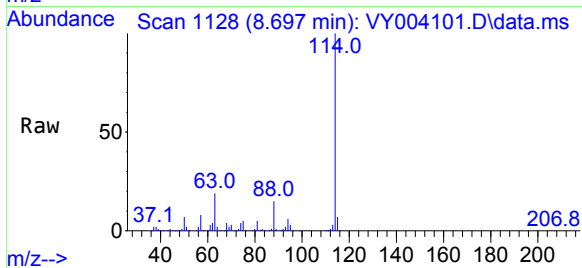




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

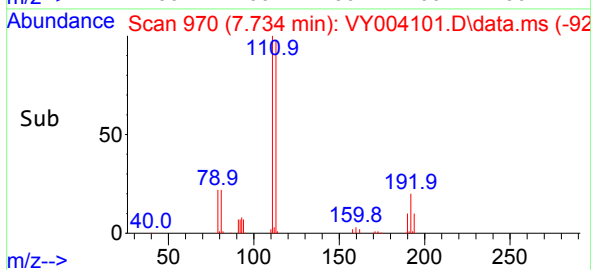
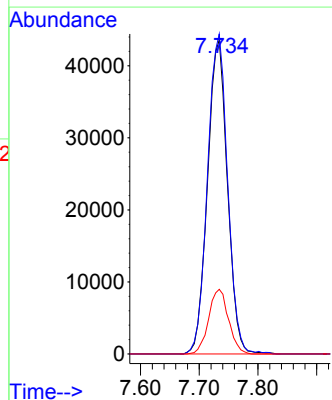
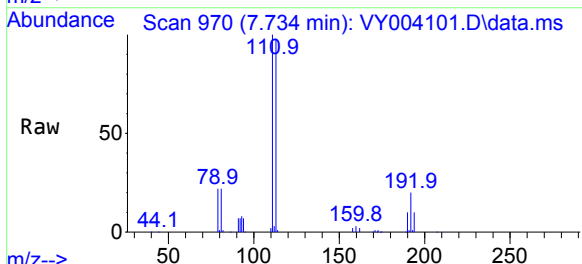
Instrument :
MSVOA_Y
ClientSampled :
UST1

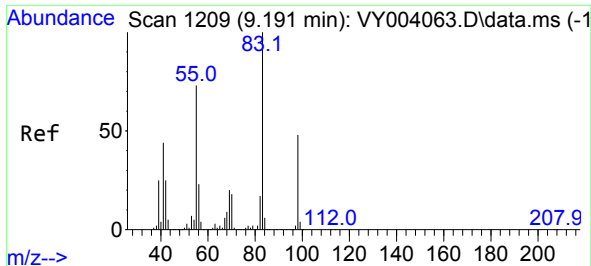
Tgt Ion:	114	Resp:	327200
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.6
88	15.1	0.0	31.4



#35
Dibromofluoromethane
Concen: 55.48 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

Tgt Ion:	113	Resp:	102365
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.2	124.8
192	20.6	18.5	27.7

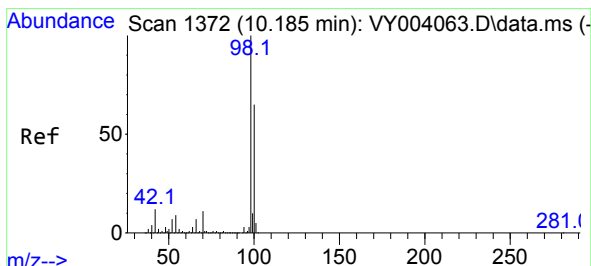
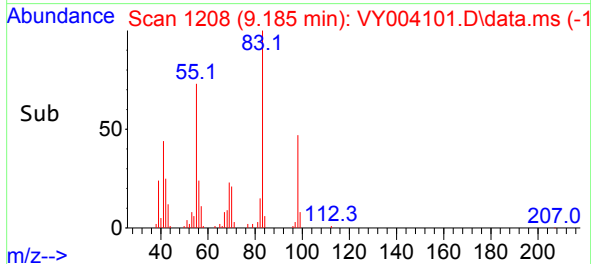
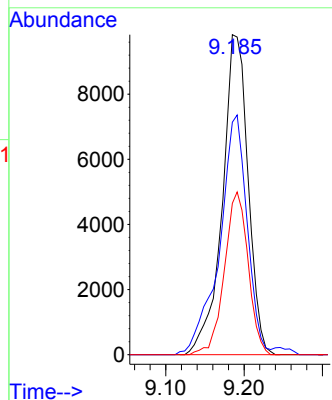
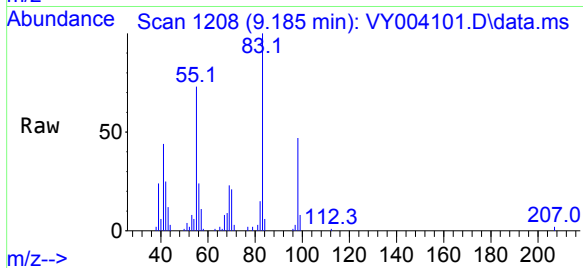




#39
Methylcyclohexane
Concen: 6.05 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

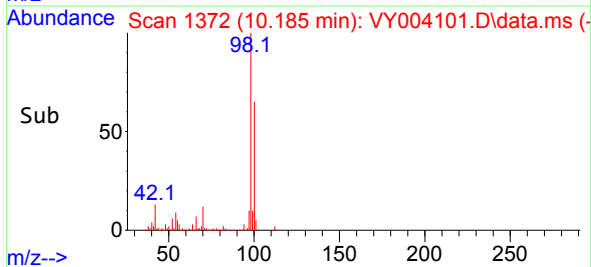
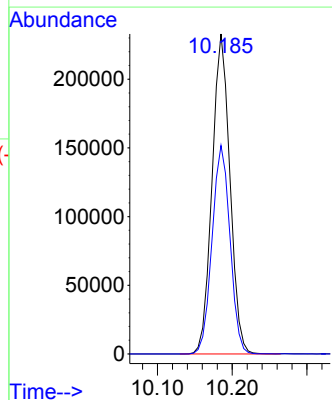
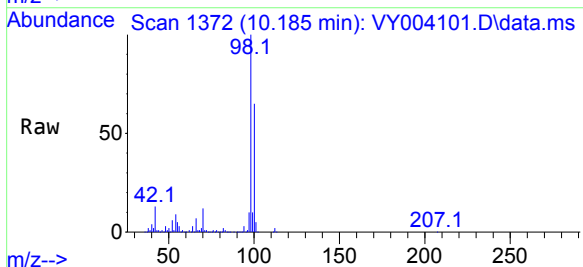
Instrument :
MSVOA_Y
ClientSampleId :
UST1

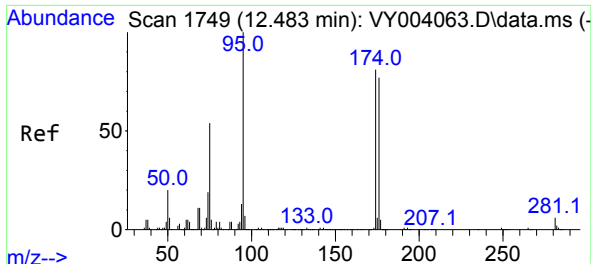
Tgt Ion: 83 Resp: 22468
Ion Ratio Lower Upper
83 100
55 71.7 65.6 98.4
98 47.3 39.5 59.3



#50
Toluene-d8
Concen: 53.36 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

Tgt Ion: 98 Resp: 385956
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



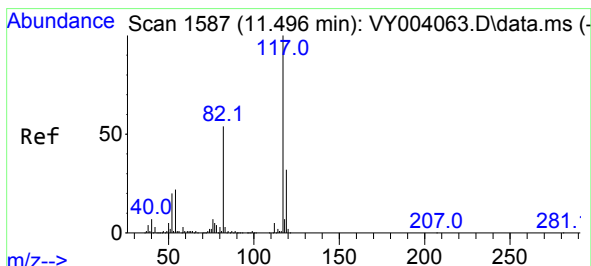
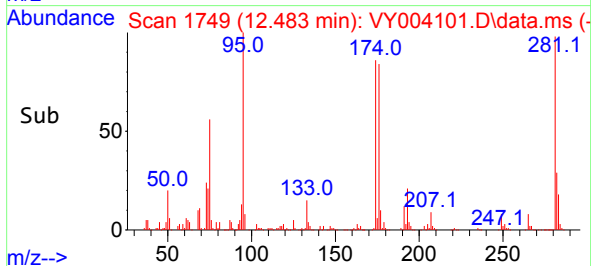
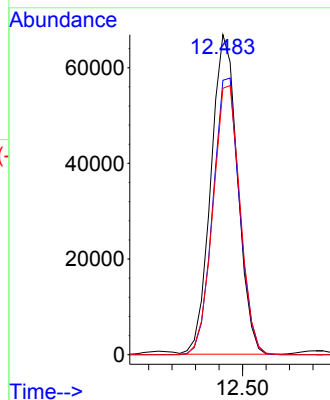
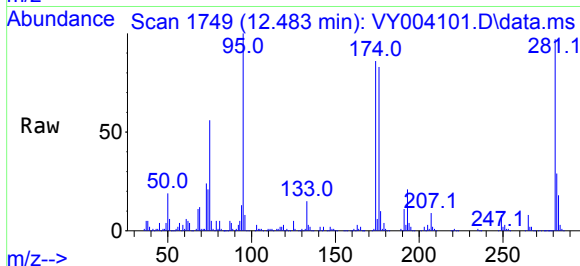


#62
4-Bromofluorobenzene
Concen: 39.40 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

Instrument :
MSVOA_Y
ClientSampleId :
UST1

Tgt Ion: 95 Resp: 105251

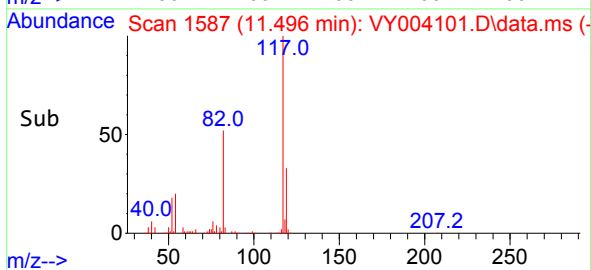
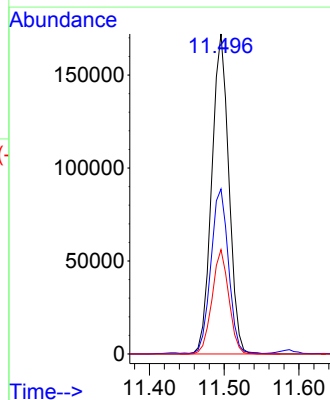
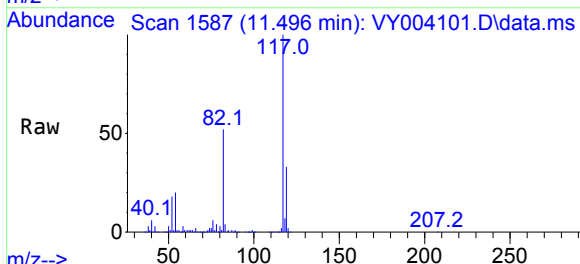
Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	179.0
176	85.6	0.0	174.4

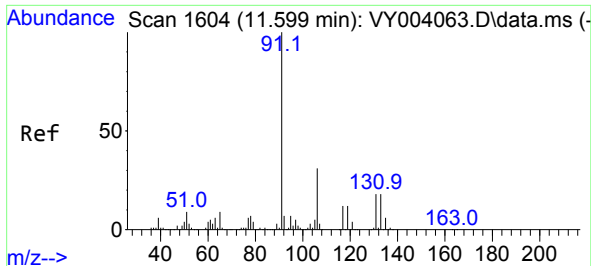


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

Tgt Ion: 117 Resp: 272809

Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.8	65.6
119	32.6	26.2	39.2

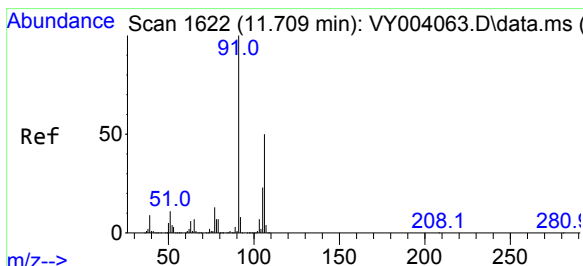
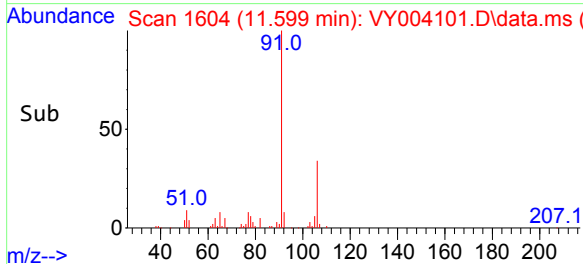
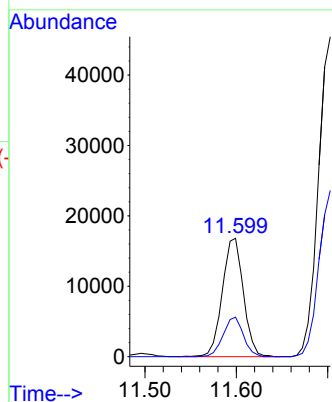
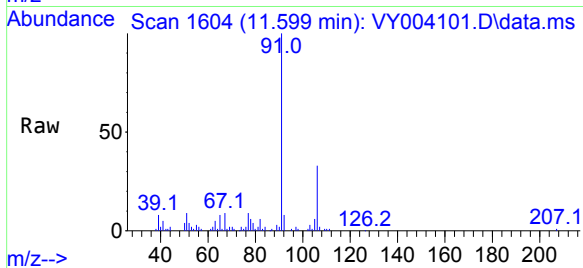




#67
Ethyl Benzene
Concen: 2.81 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

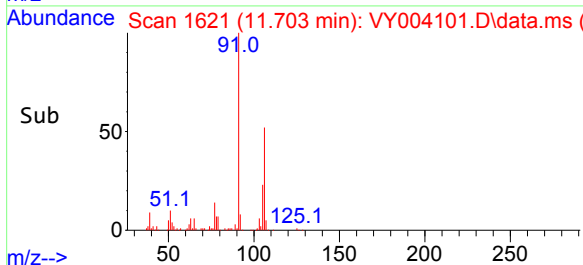
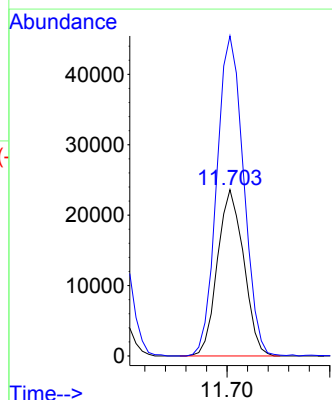
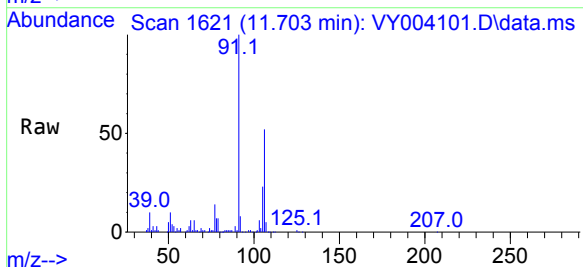
Instrument :
MSVOA_Y
ClientSampled :
UST1

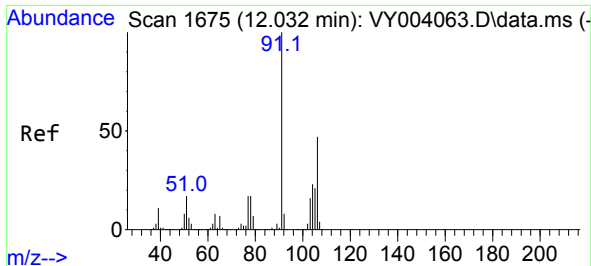
Tgt Ion: 91 Resp: 26969
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7



#68
m/p-Xylenes
Concen: 11.45 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

Tgt Ion: 106 Resp: 41899
Ion Ratio Lower Upper
106 100
91 196.8 165.4 248.0

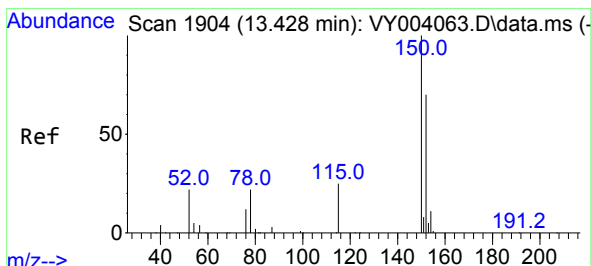
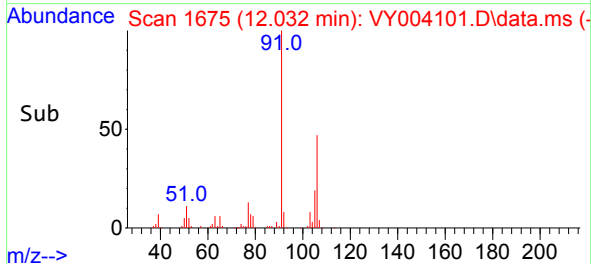
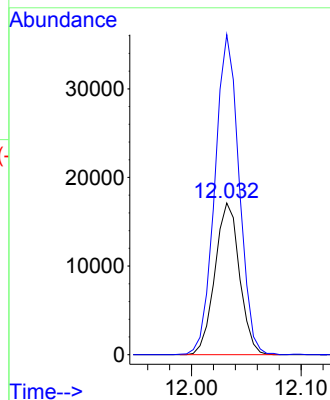
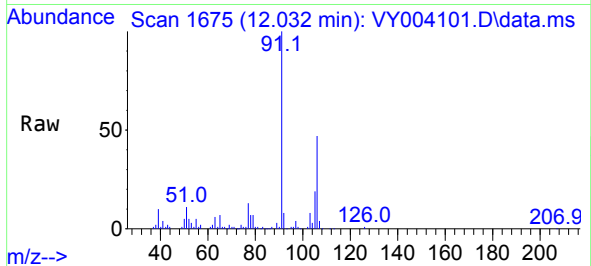




#69
o-Xylene
Concen: 7.71 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

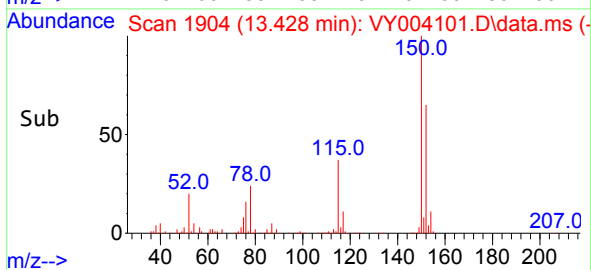
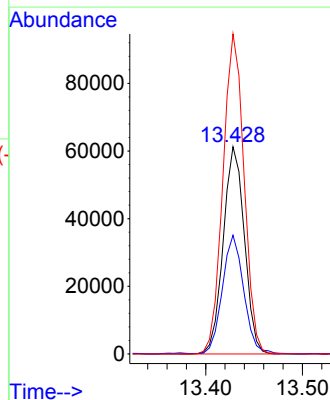
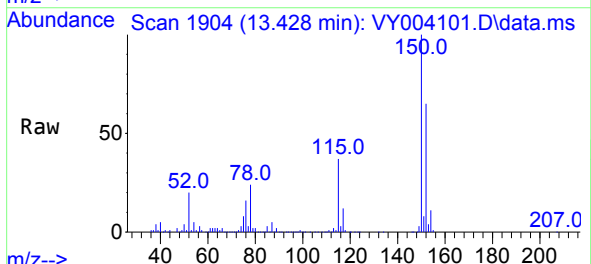
Instrument :
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ClientSampled :
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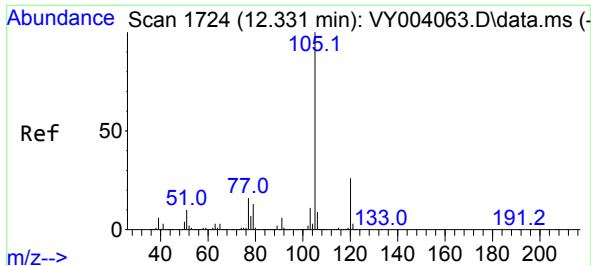
Tgt Ion:106 Resp: 26667
Ion Ratio Lower Upper
106 100
91 208.5 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

Tgt Ion:152 Resp: 92878
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.6
150 154.2 0.0 347.2

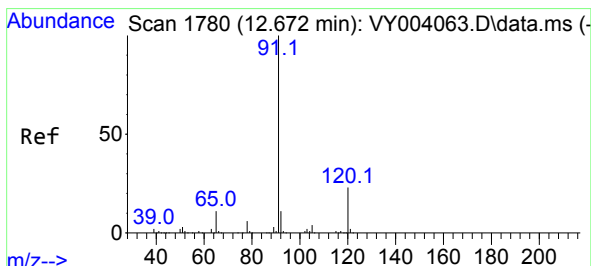
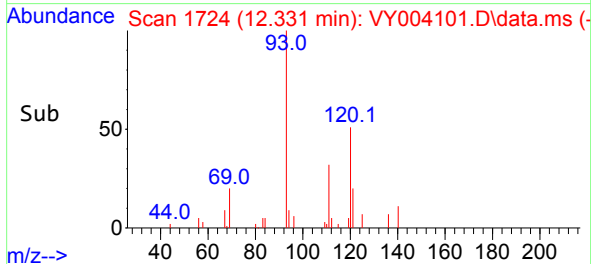
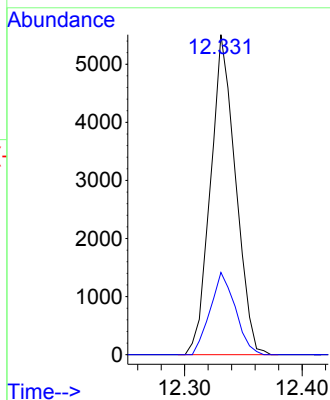
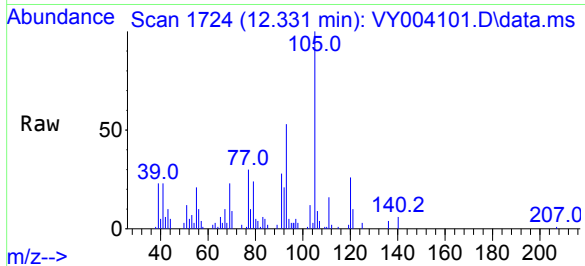




#73
Isopropylbenzene
Concen: 1.27 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

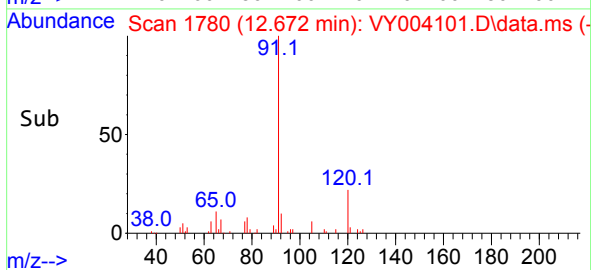
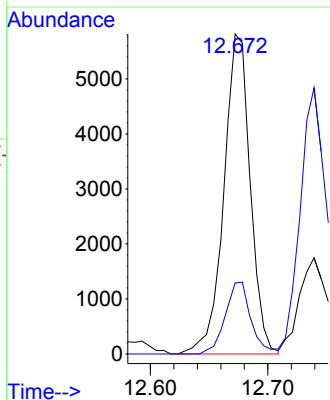
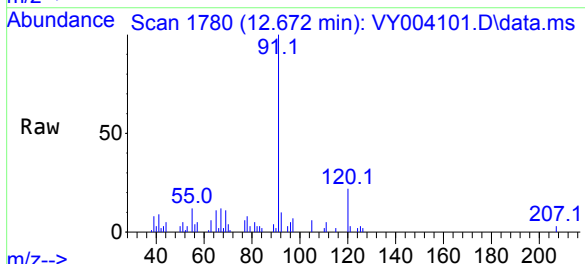
Instrument :
MSVOA_Y
ClientSampled :
UST1

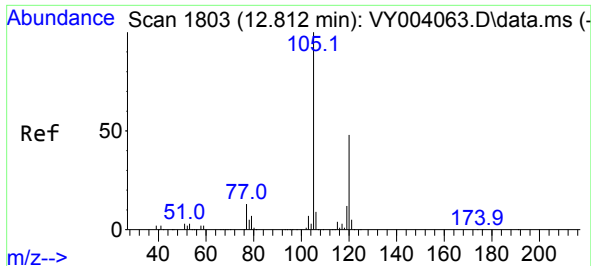
Tgt Ion:105 Resp: 8171
Ion Ratio Lower Upper
105 100
120 25.8 13.3 39.9



#78
n-propylbenzene
Concen: 1.19 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

Tgt Ion: 91 Resp: 9082
Ion Ratio Lower Upper
91 100
120 21.6 11.3 33.9

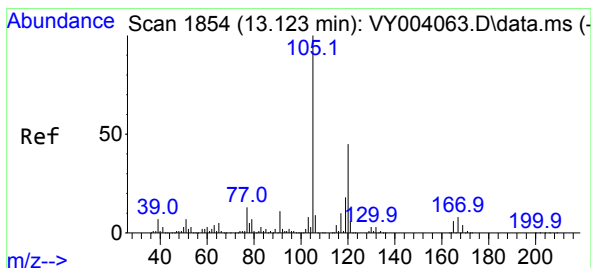
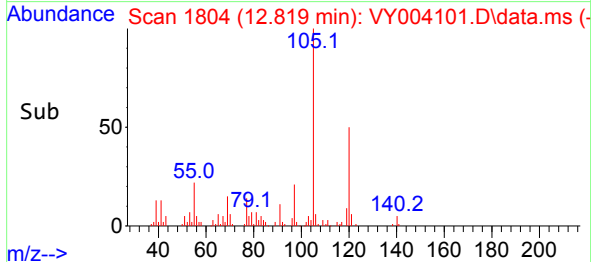
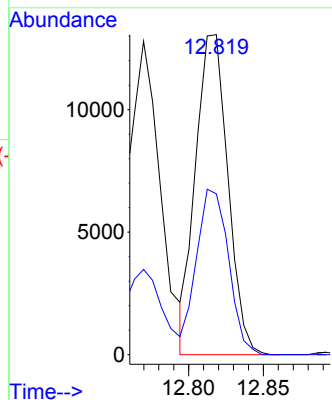
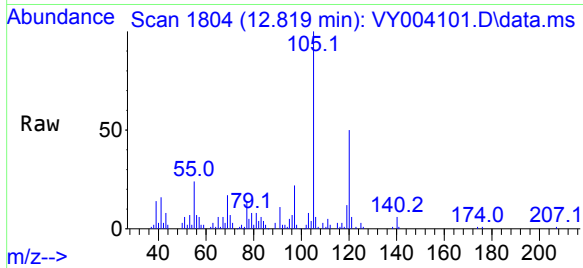




#80
1,3,5-Trimethylbenzene
Concen: 3.58 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

Instrument :
MSVOA_Y
ClientSampled :
UST1

Tgt Ion:105 Resp: 19613
Ion Ratio Lower Upper
105 100
120 51.4 24.1 72.2



#84
1,2,4-Trimethylbenzene
Concen: 5.05 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004101.D
Acq: 17 Mar 2021 14:24

Tgt Ion:105 Resp: 27664
Ion Ratio Lower Upper
105 100
120 47.1 22.1 66.3

