

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004107.D
 Acq On : 17 Mar 2021 16:44
 Operator : SY/MD
 Sample : M1681-38RE
 Misc : 5.37g/5mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST2RE

Quant Time: Mar 18 01:50:40 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)

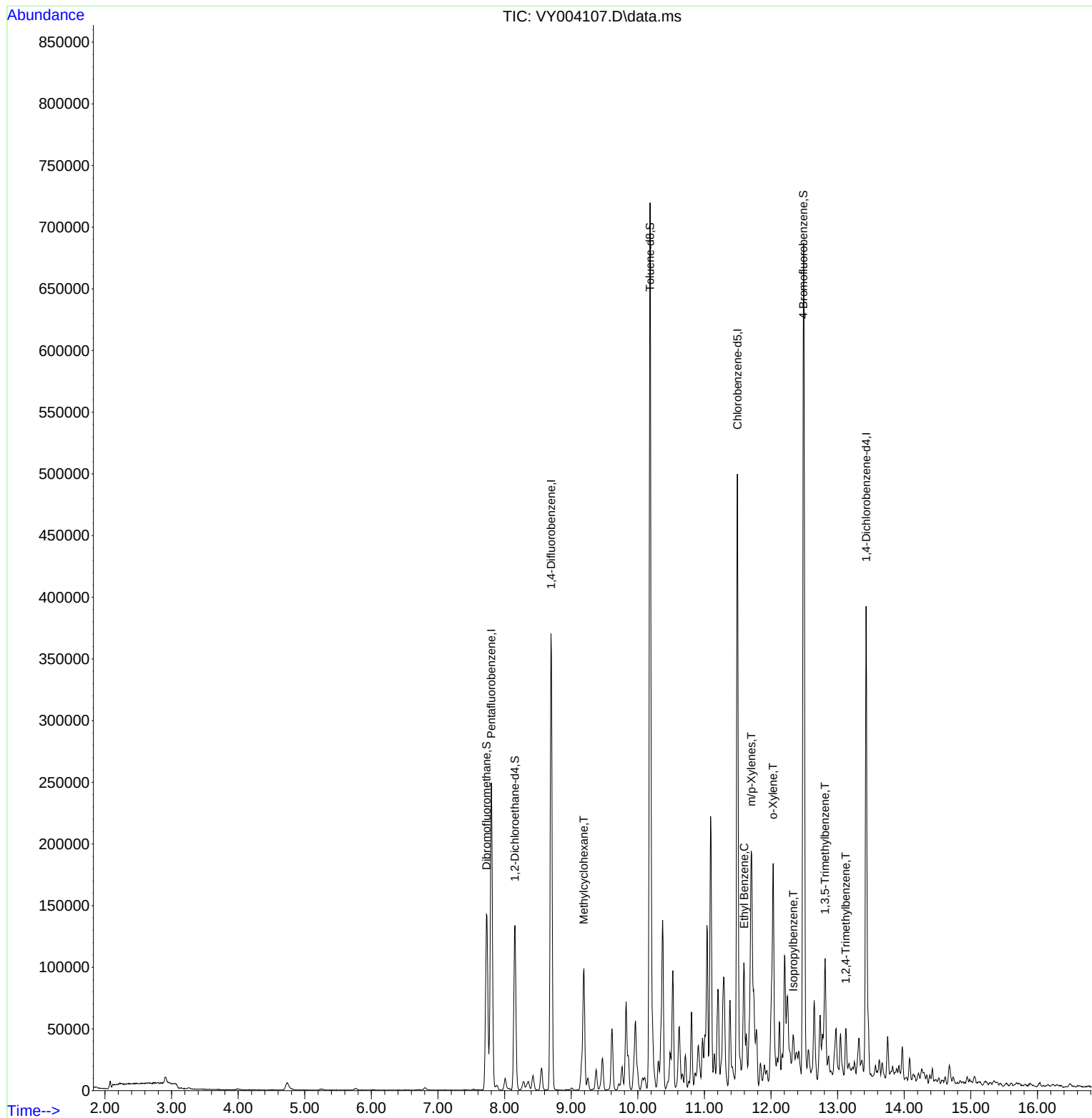
Internal Standards						
1) Pentafluorobenzene	7.801	168	191717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	321255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	266840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	104150	55.05	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.10%			
35) Dibromofluoromethane	7.728	113	99003	54.65	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.30%			
50) Toluene-d8	10.185	98	379538	53.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.88%			
62) 4-Bromofluorobenzene	12.483	95	107685	41.05	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.10%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.191	83	42812	11.74	ug/l	92
67) Ethyl Benzene	11.599	91	50272	5.35	ug/l	93
68) m/p-Xylenes	11.703	106	51621	14.42	ug/l	94
69) o-Xylene	12.032	106	42633	12.60	ug/l	93
73) Isopropylbenzene	12.337	105	10001	1.48	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	21583	3.76	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	18998	3.31	ug/l	96

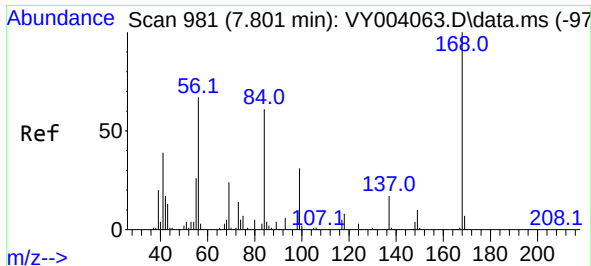
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

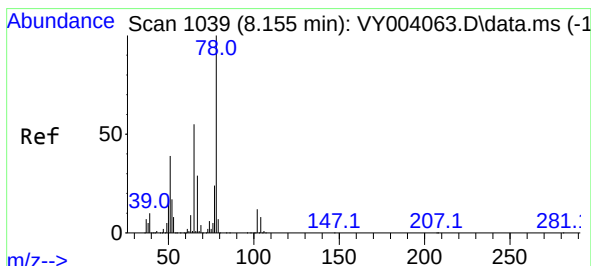
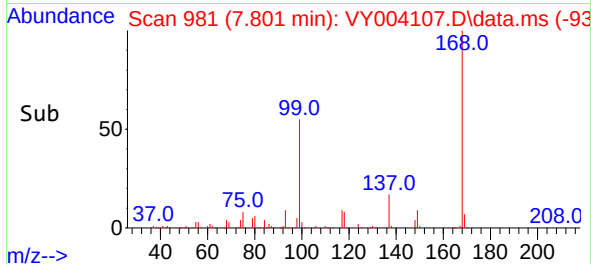
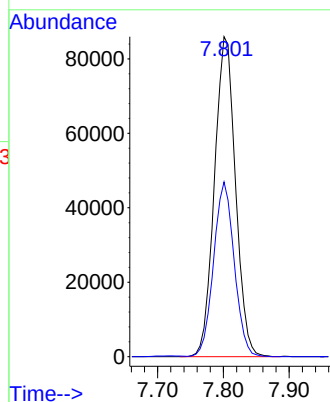
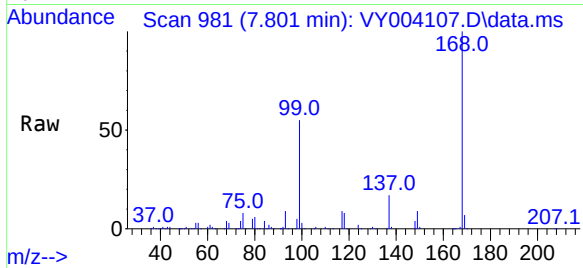




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

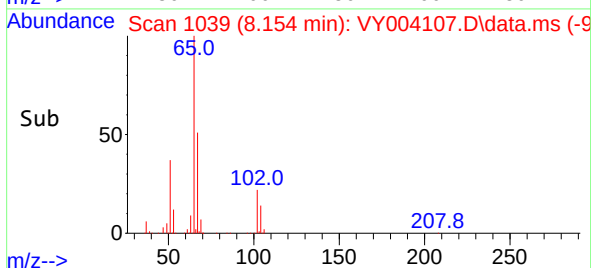
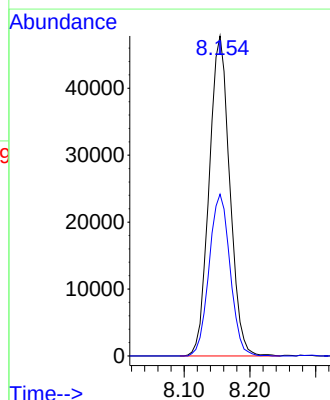
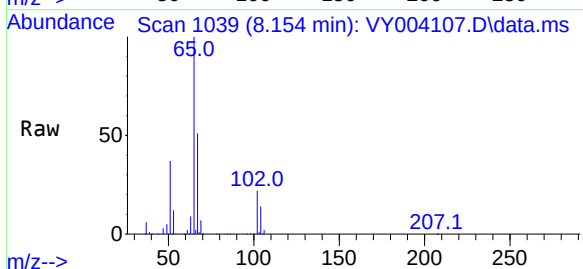
Instrument :
MSVOA_Y
ClientSampleId :
UST2RE

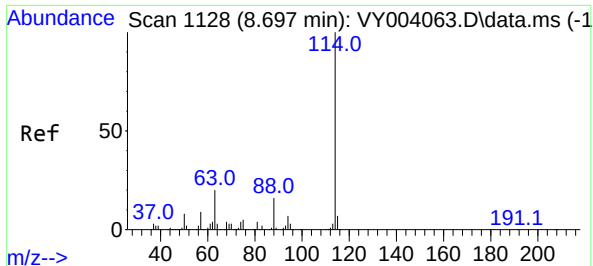
Tgt Ion:168 Resp: 191717
Ion Ratio Lower Upper
168 100
99 54.6 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 55.05 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.001 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

Tgt Ion: 65 Resp: 104150
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4

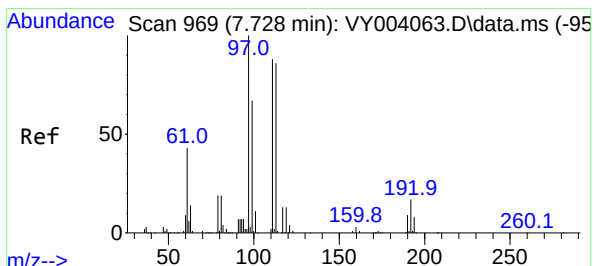
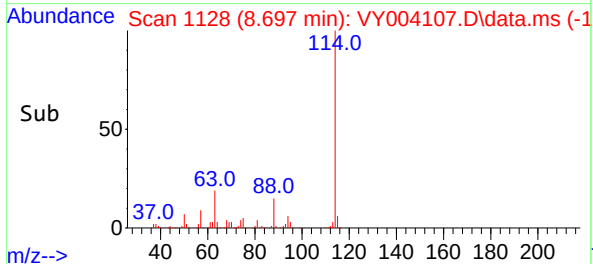
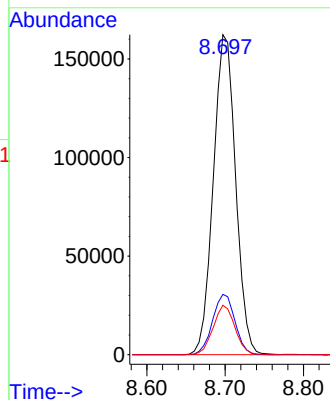
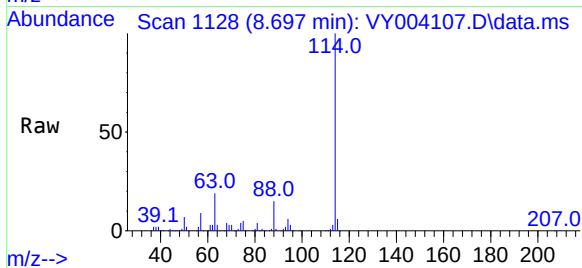




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

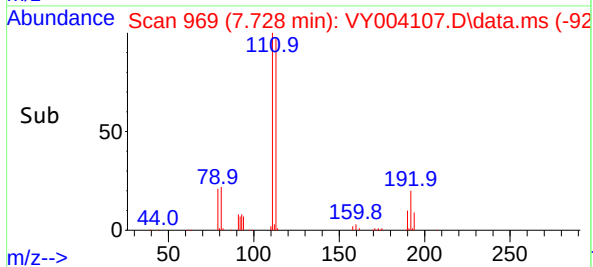
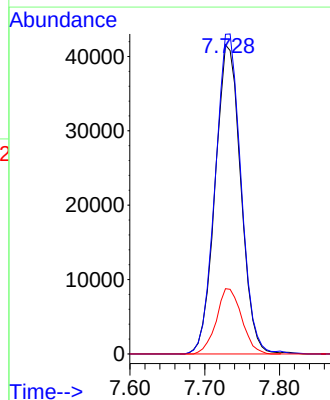
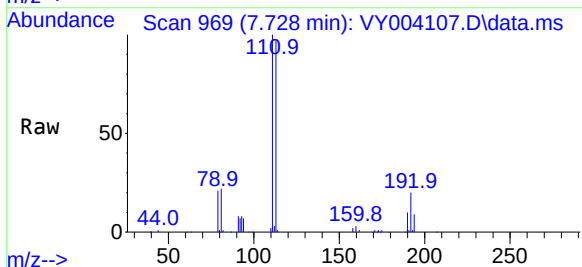
Instrument :
MSVOA_Y
ClientSampleId :
UST2RE

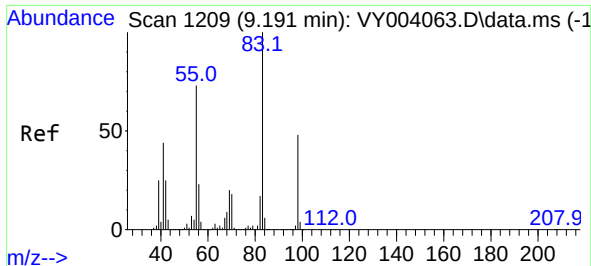
Tgt Ion:	114	Resp:	321255
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	41.6
88	15.5	0.0	31.4



#35
Dibromofluoromethane
Concen: 54.65 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

Tgt Ion:	113	Resp:	99003
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.2	124.8
192	20.8	18.5	27.7



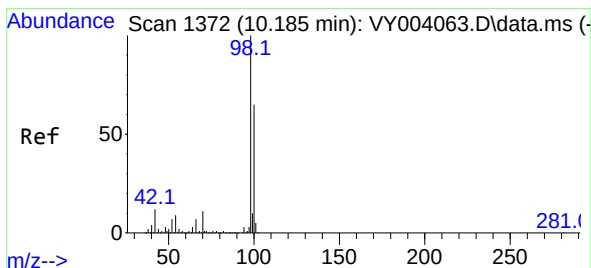
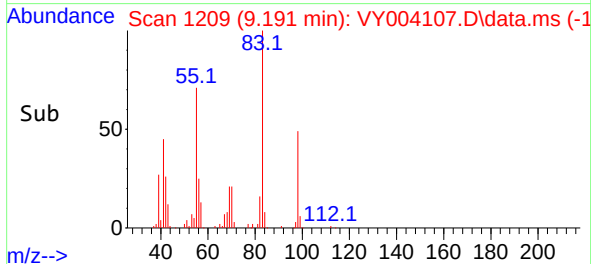
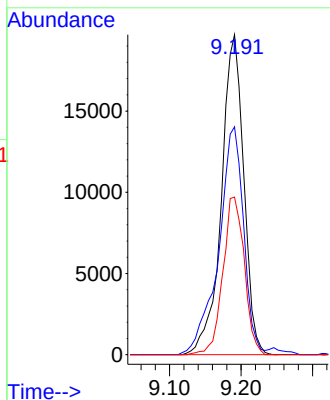
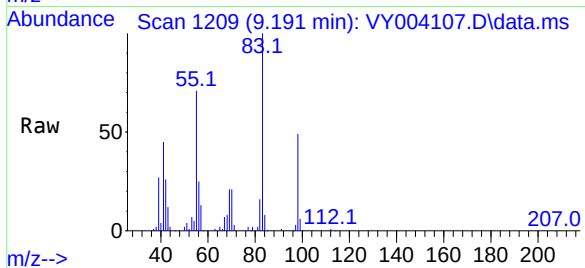


#39
Methylcyclohexane
Concen: 11.74 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.000 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

Instrument :
MSVOA_Y
ClientSampleId :
UST2RE

Tgt Ion: 83 Resp: 42812

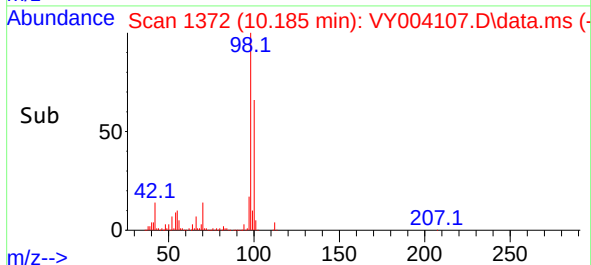
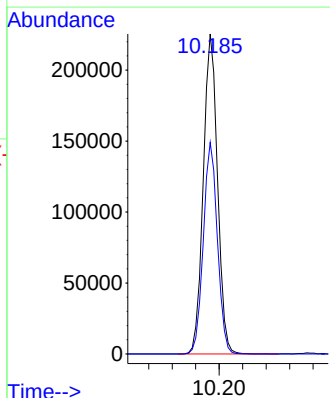
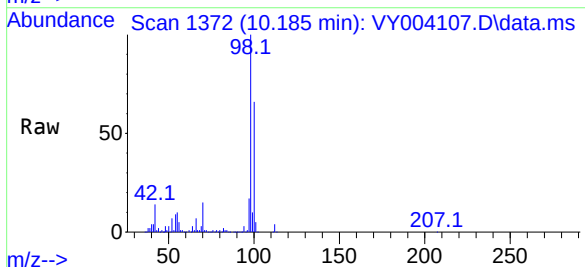
Ion	Ratio	Lower	Upper
83	100		
55	71.2	65.6	98.4
98	49.2	39.5	59.3

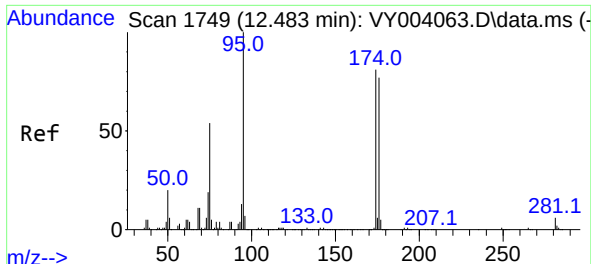


#50
Toluene-d8
Concen: 53.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

Tgt Ion: 98 Resp: 379538

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.8	77.6



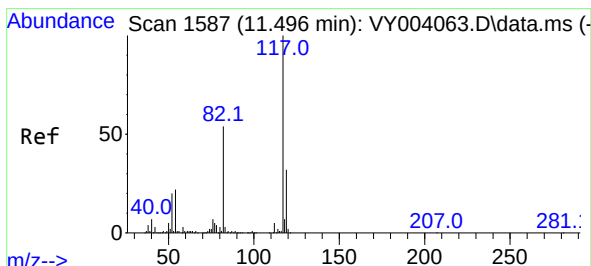
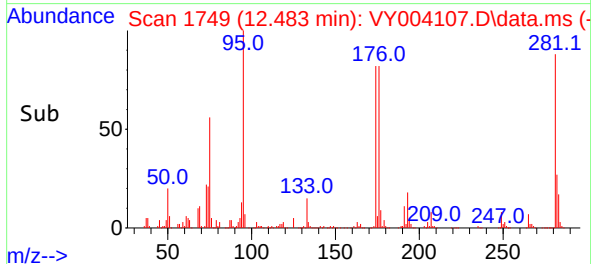
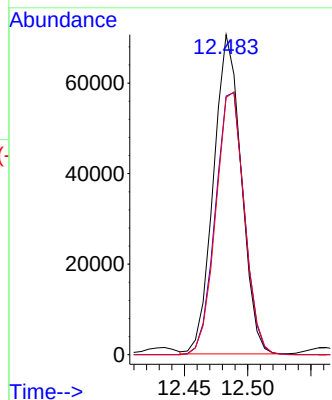
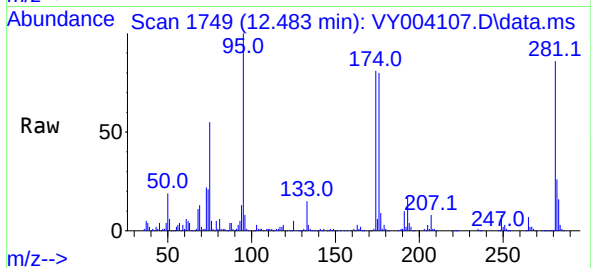


#62
4-Bromofluorobenzene
Concen: 41.05 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

Instrument :
MSVOA_Y
ClientSampleId :
UST2RE

Tgt Ion: 95 Resp: 107685

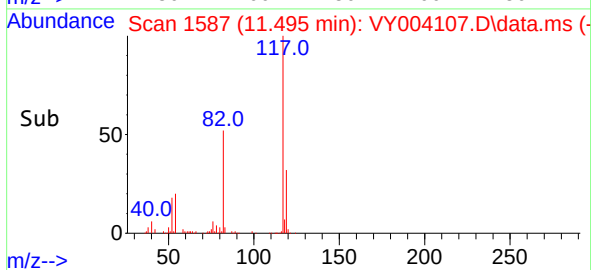
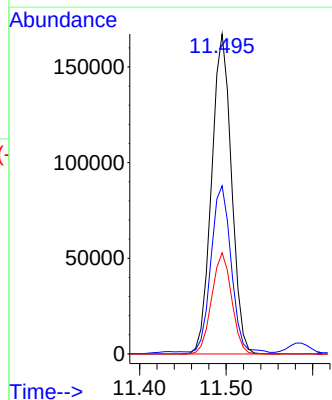
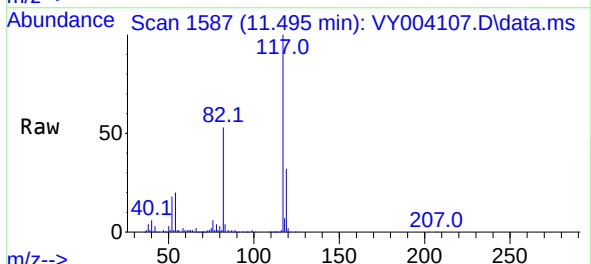
Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	179.0
176	84.3	0.0	174.4

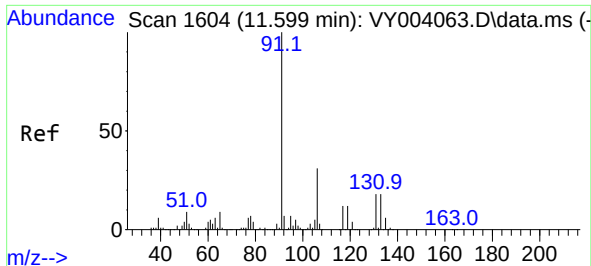


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

Tgt Ion: 117 Resp: 266840

Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.8	65.6
119	31.6	26.2	39.2

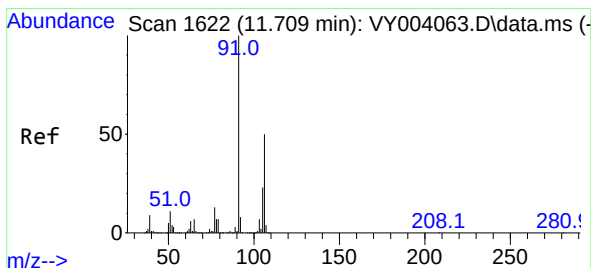
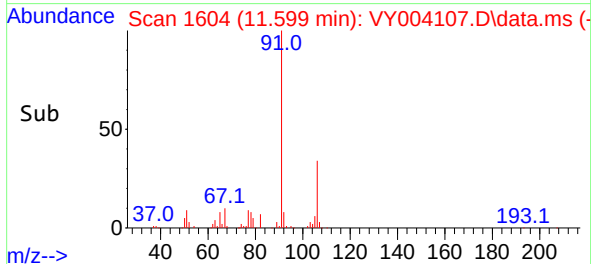
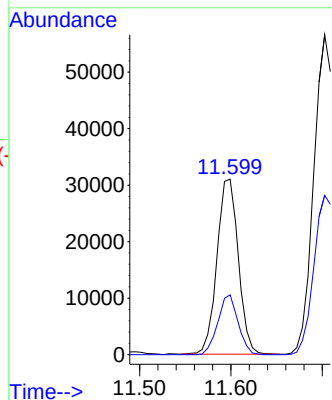
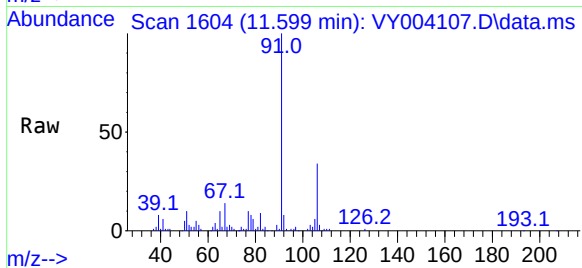




#67
Ethyl Benzene
Concen: 5.35 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

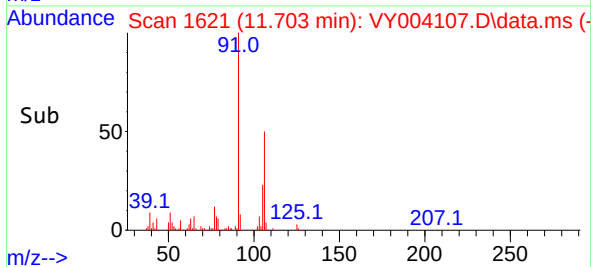
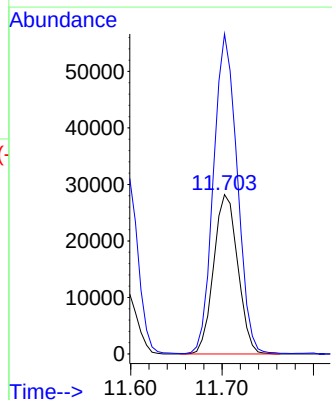
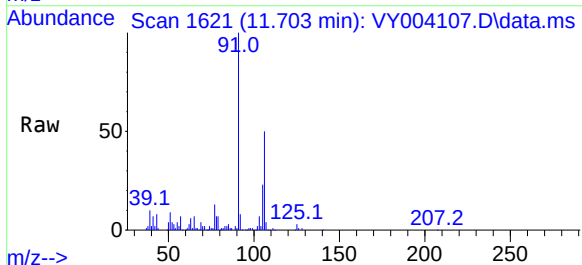
Instrument :
MSVOA_Y
ClientSampled :
UST2RE

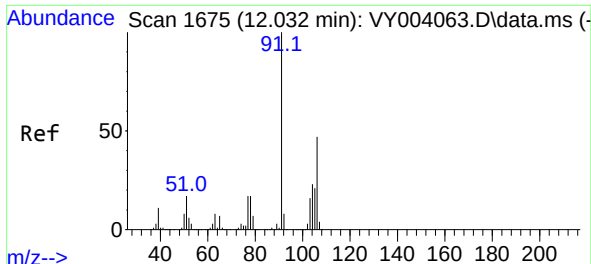
Tgt Ion: 91 Resp: 50272
Ion Ratio Lower Upper
91 100
106 34.2 24.5 36.7



#68
m/p-Xylenes
Concen: 14.42 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

Tgt Ion: 106 Resp: 51621
Ion Ratio Lower Upper
106 100
91 196.9 165.4 248.0

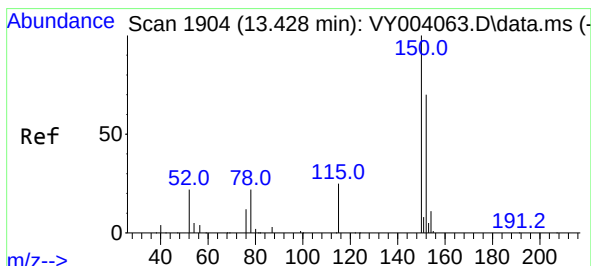
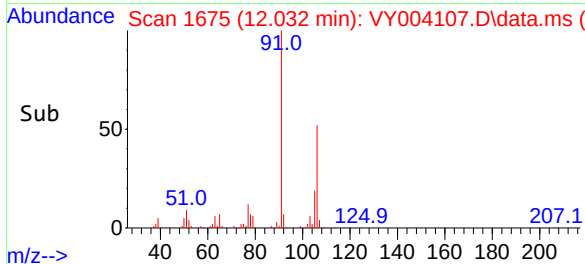
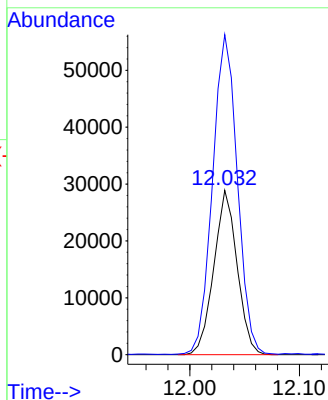
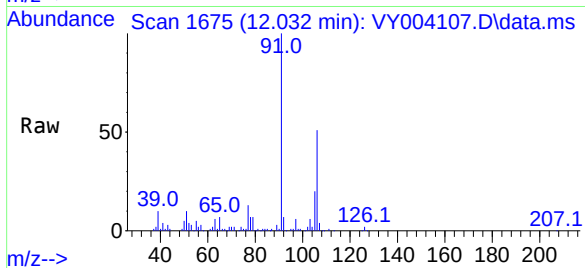




#69
o-Xylene
Concen: 12.60 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

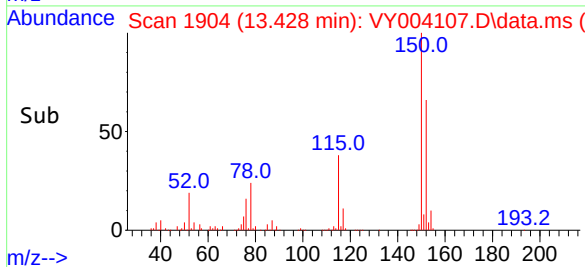
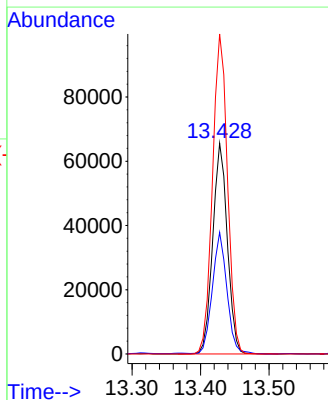
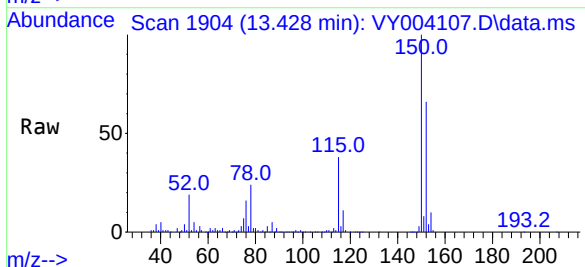
Instrument :
MSVOA_Y
ClientSampleId :
UST2RE

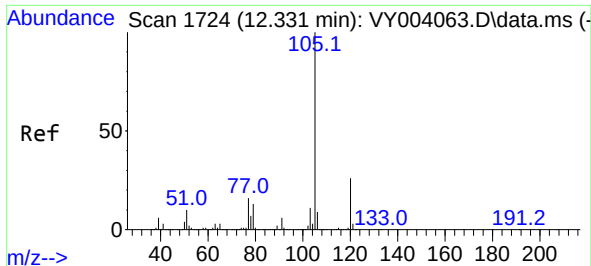
Tgt Ion:106 Resp: 42633
Ion Ratio Lower Upper
106 100
91 207.0 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

Tgt Ion:152 Resp: 97336
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.6
150 155.5 0.0 347.2

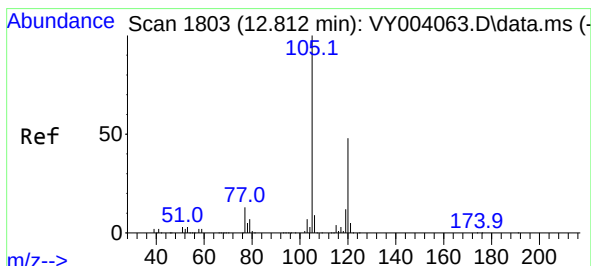
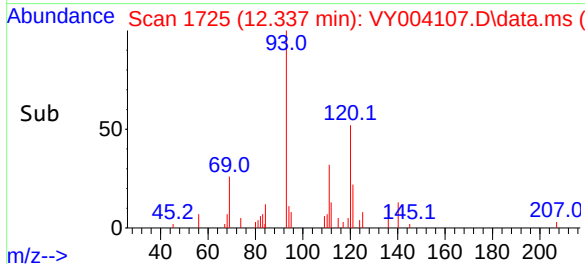
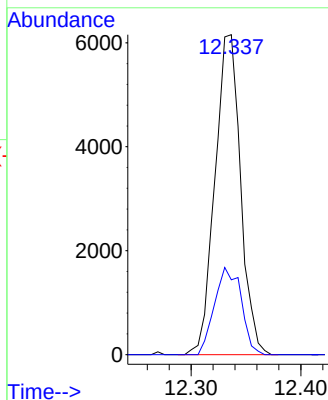
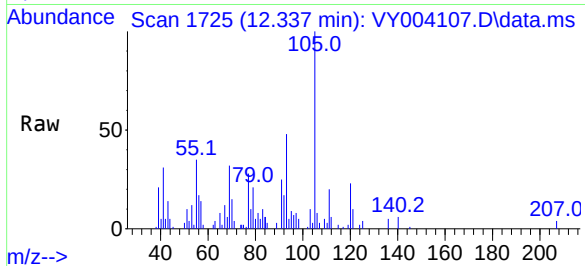




#73
Isopropylbenzene
Concen: 1.48 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

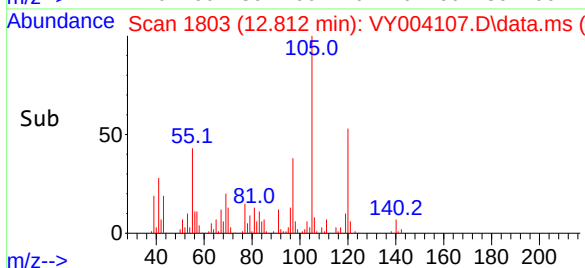
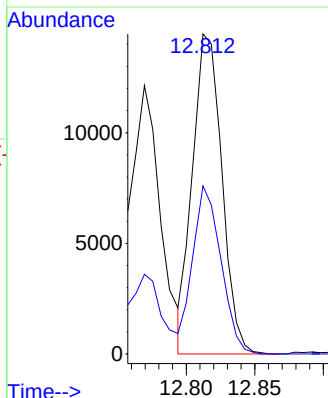
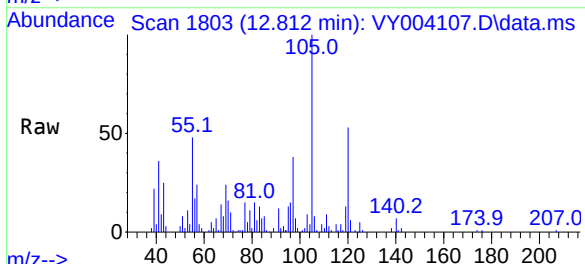
Instrument :
MSVOA_Y
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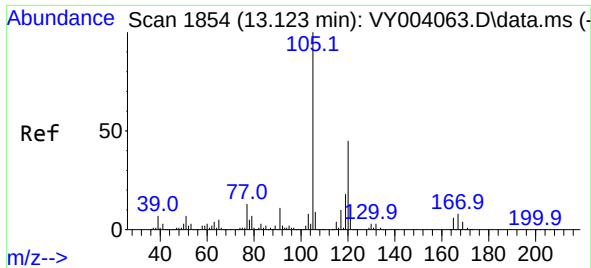
Tgt Ion:105 Resp: 10001
Ion Ratio Lower Upper
105 100
120 28.3 13.3 39.9



#80
1,3,5-Trimethylbenzene
Concen: 3.76 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004107.D
Acq: 17 Mar 2021 16:44

Tgt Ion:105 Resp: 21583
Ion Ratio Lower Upper
105 100
120 50.5 24.1 72.2





#84
 1,2,4-Trimethylbenzene
 Concen: 3.31 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY004107.D
 Acq: 17 Mar 2021 16:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST2RE

Tgt Ion:105 Resp: 18998
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.1 66.3

