

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041221\
 Data File : VY004388.D
 Acq On : 12 Apr 2021 16:50
 Operator : SY/MD
 Sample : M1998-07
 Misc : 4.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4C

Quant Time: Apr 13 03:55:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	179012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	289571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	139731	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	116673	58.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.32%
35) Dibromofluoromethane	7.728	113	92250	54.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.18%
50) Toluene-d8	10.185	98	378238	52.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.28%
62) 4-Bromofluorobenzene	12.483	95	137644	55.91	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.82%

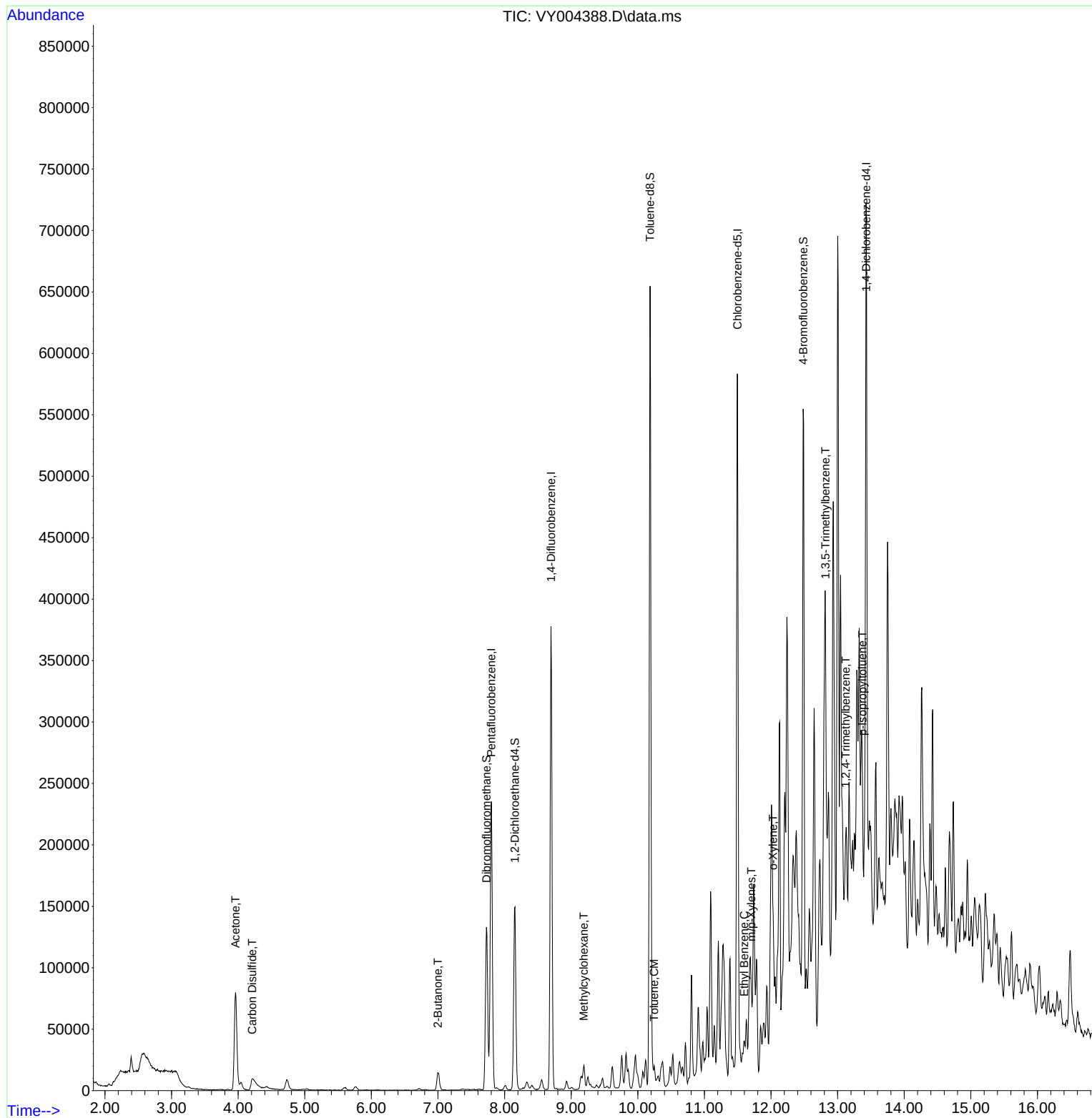
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.960	43	141036	341.10	ug/l	100
17) Carbon Disulfide	4.210	76	13723	2.56	ug/l	99
25) 2-Butanone	6.996	43	25875	34.15	ug/l	97
39) Methylcyclohexane	9.191	83	5209	1.39	ug/l	92
52) Toluene	10.246	92	5946	1.07	ug/l	98
67) Ethyl Benzene	11.599	91	11300	1.02	ug/l	97
68) m/p-Xylenes	11.703	106	11259	2.74	ug/l	99
69) o-Xylene	12.032	106	12711	3.30	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	15479	1.76	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	22037	2.49	ug/l	97
86) p-Isopropyltoluene	13.373	119	26378	2.77	ug/l	98

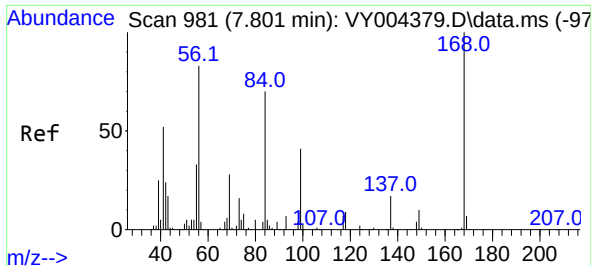
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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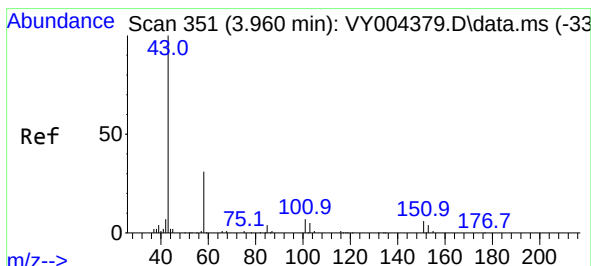
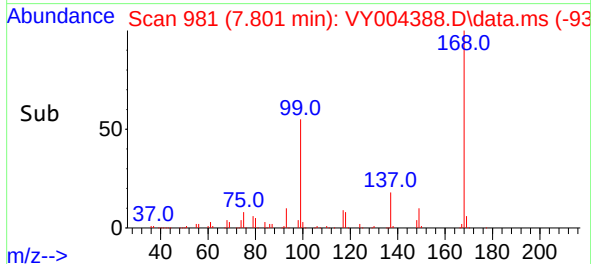
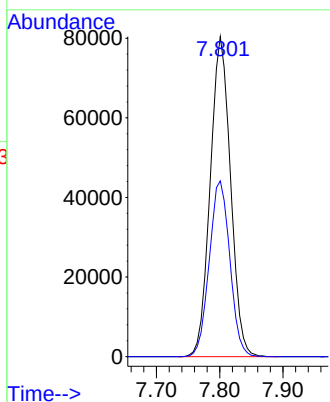
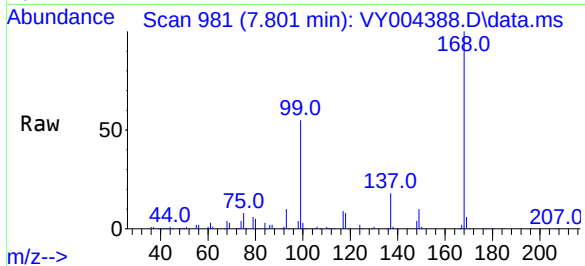




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

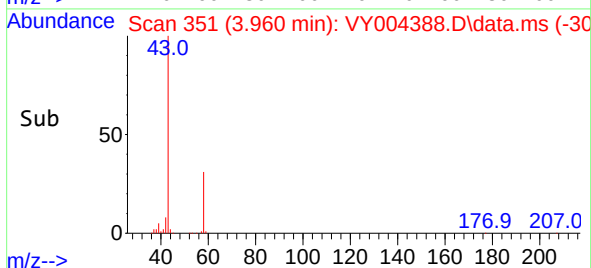
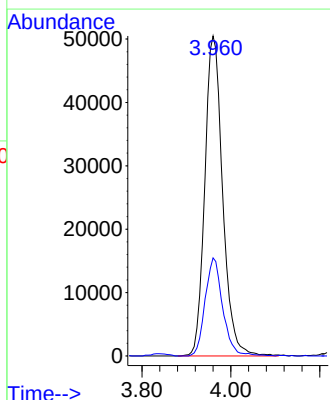
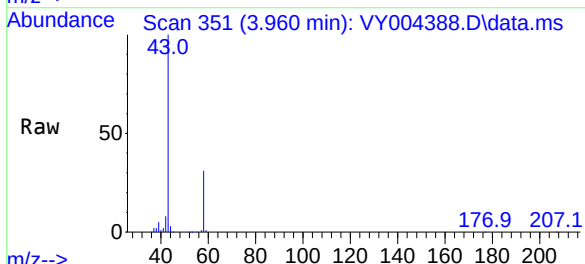
Instrument :
MSVOA_Y
ClientSampleId :
SB-4C

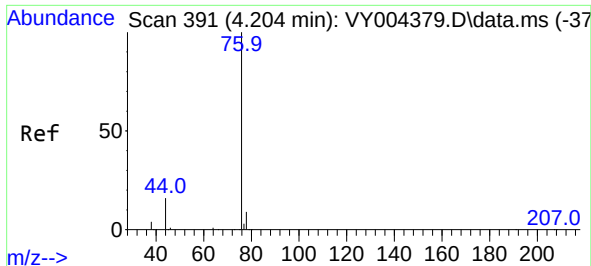
Tgt Ion:168 Resp: 179012
Ion Ratio Lower Upper
168 100
99 55.0 45.5 68.3



#16
Acetone
Concen: 341.10 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

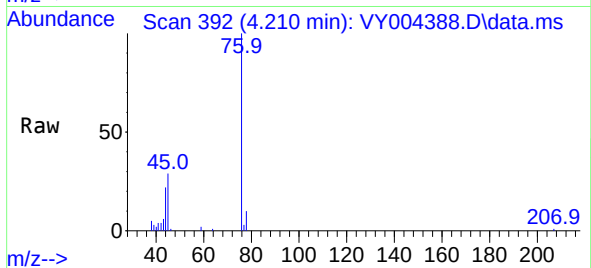
Tgt Ion: 43 Resp: 141036
Ion Ratio Lower Upper
43 100
58 30.6 24.6 37.0



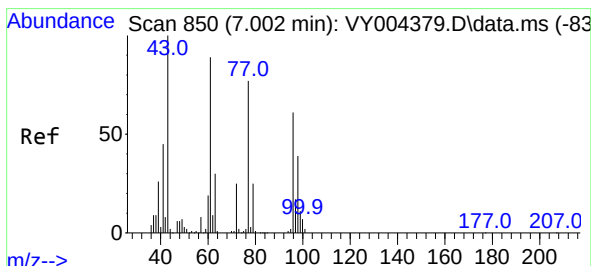
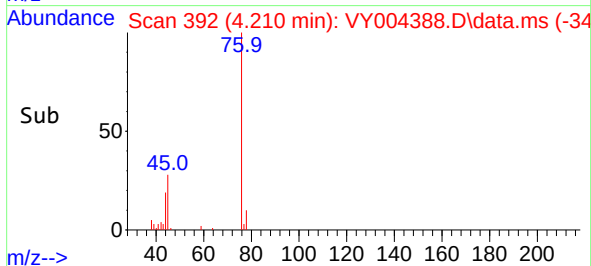
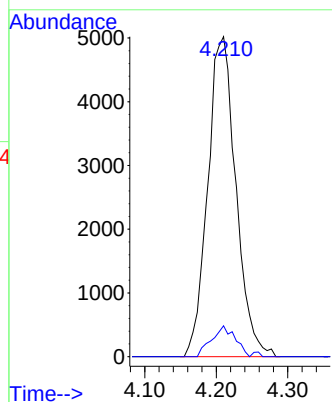


#17
Carbon Disulfide
Concen: 2.56 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

Instrument :
MSVOA_Y
ClientSampled :
SB-4C

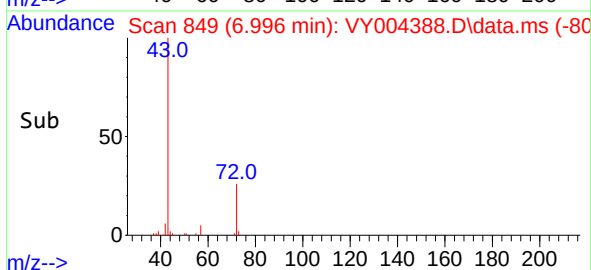
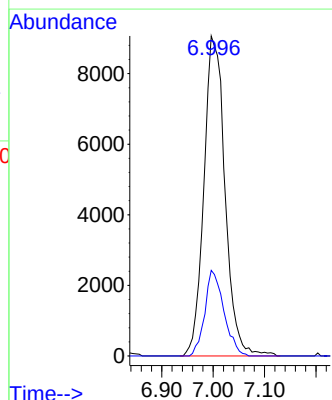
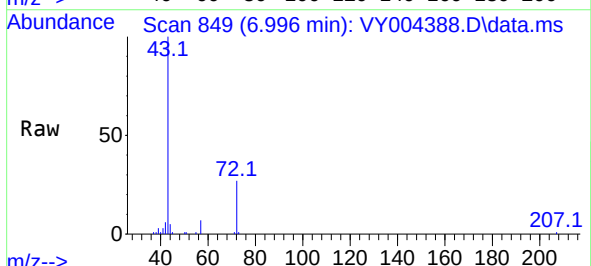


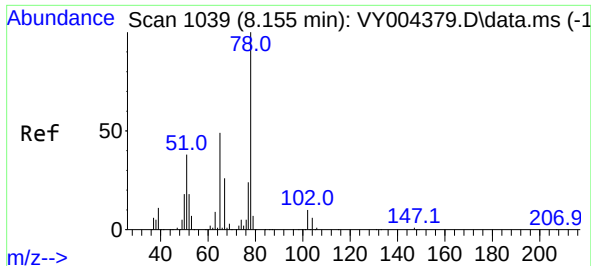
Tgt Ion: 76 Resp: 13723
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#25
2-Butanone
Concen: 34.15 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

Tgt Ion: 43 Resp: 25875
Ion Ratio Lower Upper
43 100
72 26.8 20.2 30.2

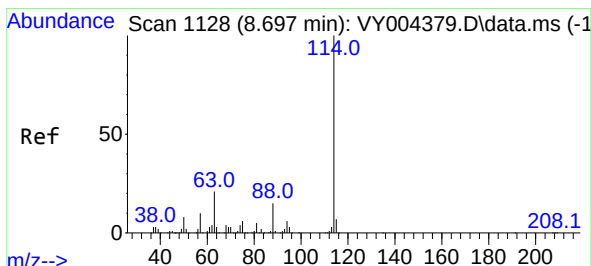
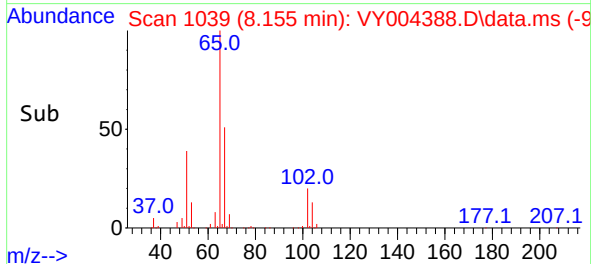
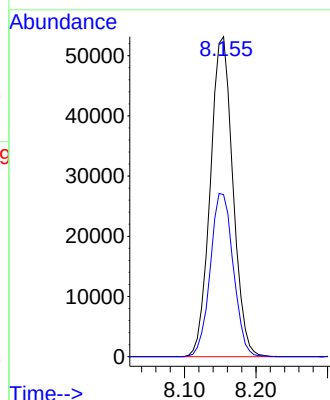
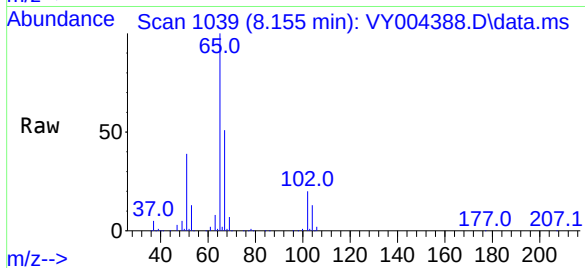




#33
1,2-Dichloroethane-d4
Concen: 58.66 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

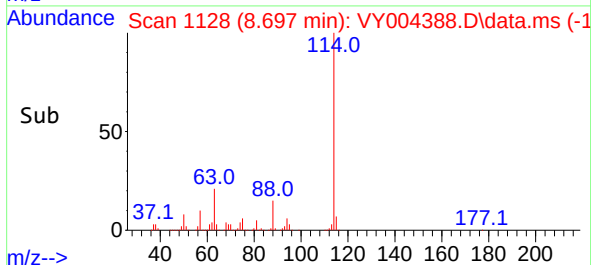
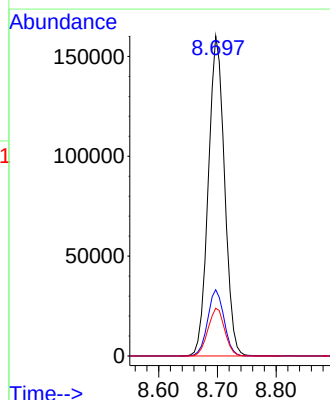
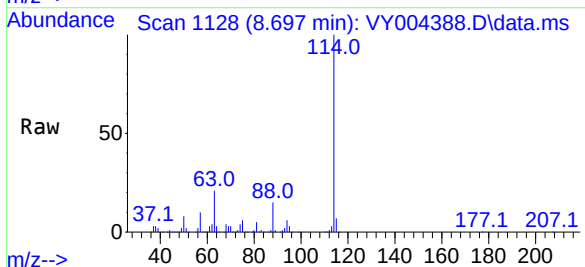
Instrument :
MSVOA_Y
ClientSampled :
SB-4C

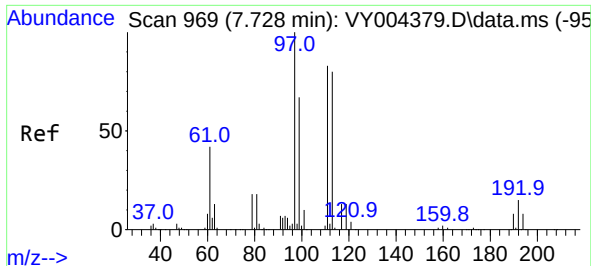
Tgt Ion: 65 Resp: 116673
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

Tgt Ion: 114 Resp: 307334
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 14.9 0.0 30.8

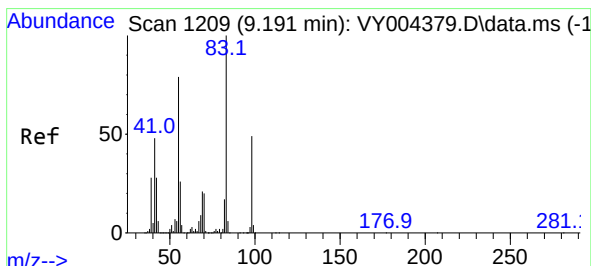
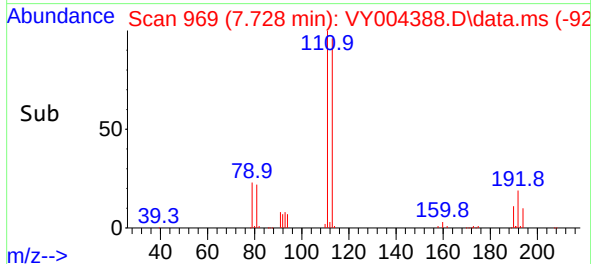
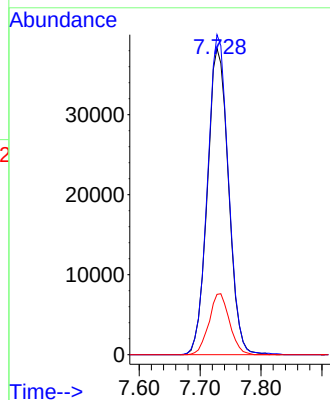
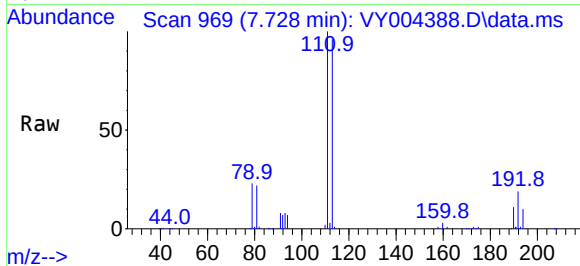




#35
Dibromofluoromethane
Concen: 54.09 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

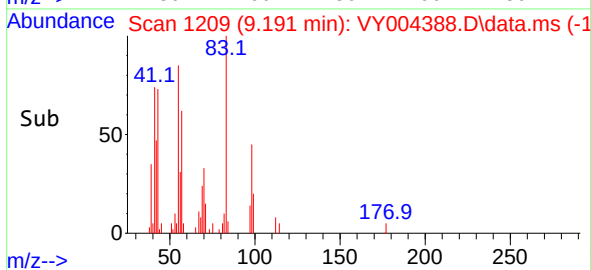
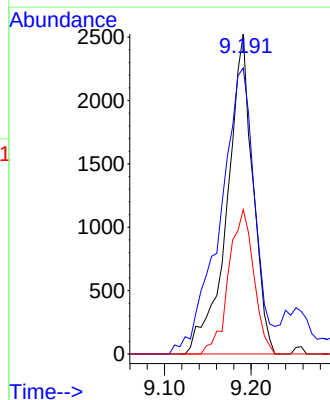
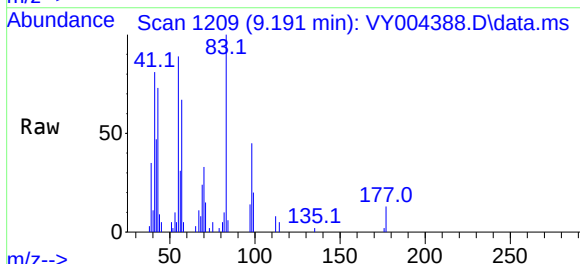
Instrument :
MSVOA_Y
ClientSampleId :
SB-4C

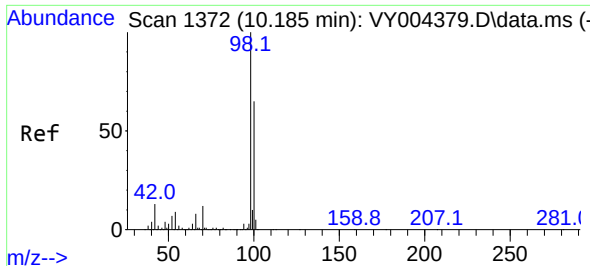
Tgt Ion:	113	Resp:	92250
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	19.4	16.1	24.1



#39
Methylcyclohexane
Concen: 1.39 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

Tgt Ion:	83	Resp:	5209
Ion	Ratio	Lower	Upper
83	100		
55	87.1	63.0	94.4
98	45.1	39.2	58.8

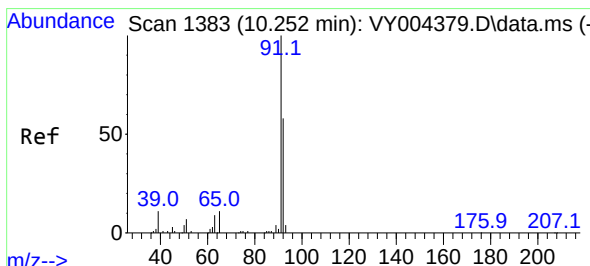
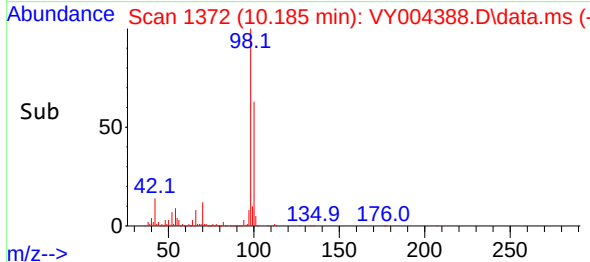
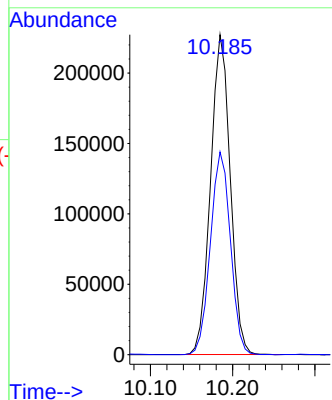
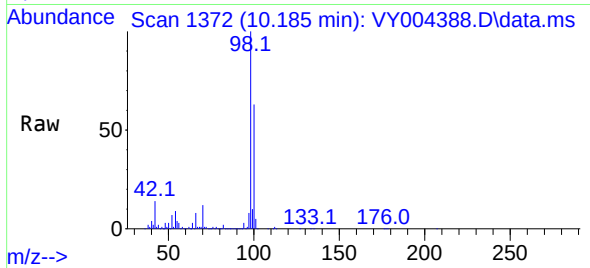




#50
Toluene-d8
Concen: 52.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

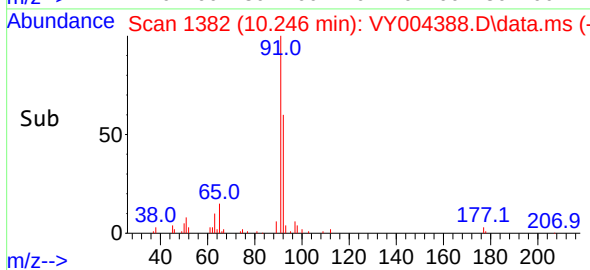
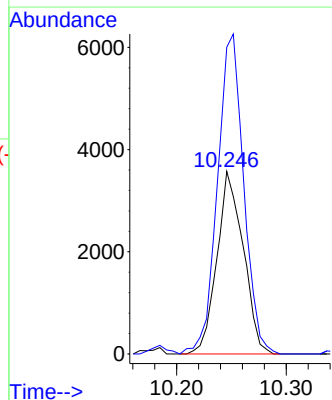
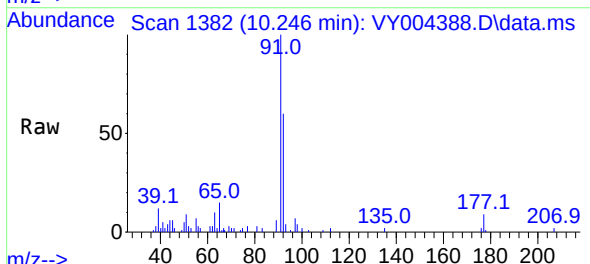
Instrument :
MSVOA_Y
ClientSampled :
SB-4C

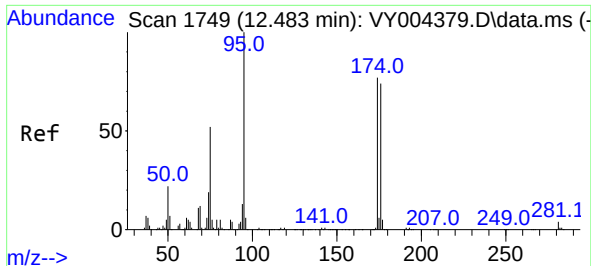
Tgt Ion: 98 Resp: 378238
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#52
Toluene
Concen: 1.07 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

Tgt Ion: 92 Resp: 5946
Ion Ratio Lower Upper
92 100
91 175.1 137.8 206.6

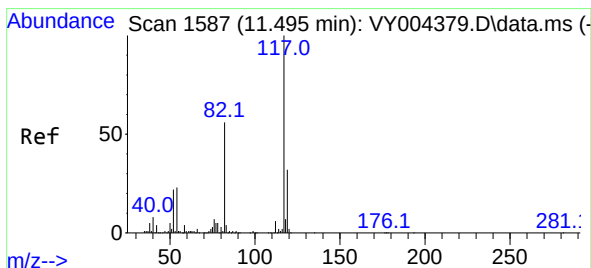
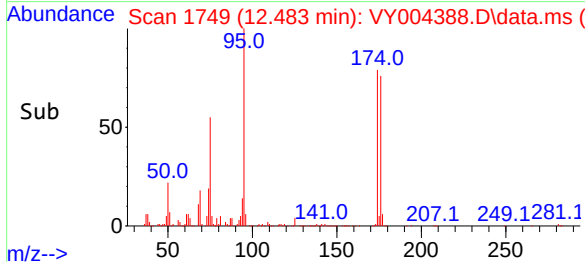
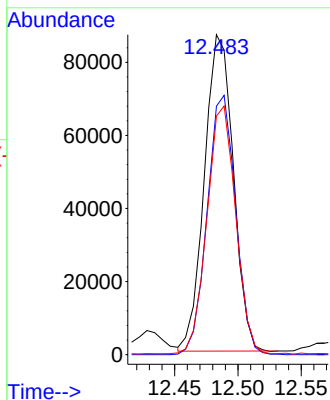
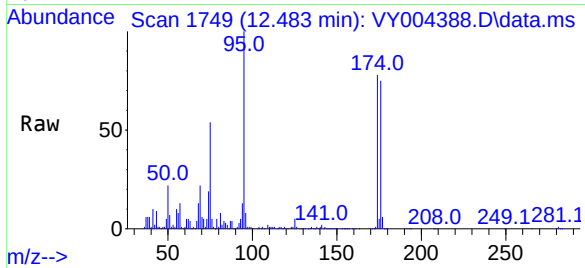




#62
4-Bromofluorobenzene
Concen: 55.91 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

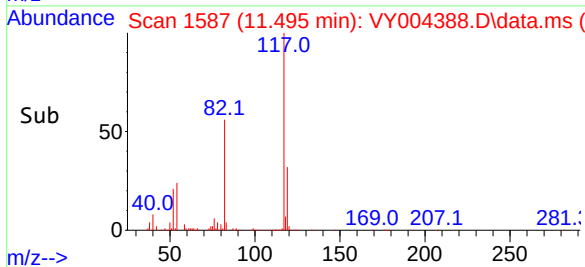
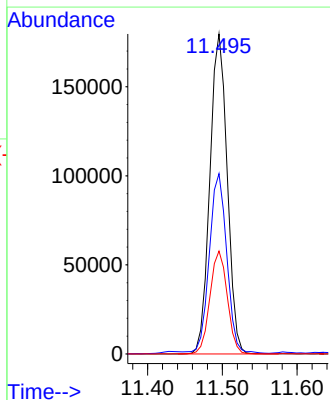
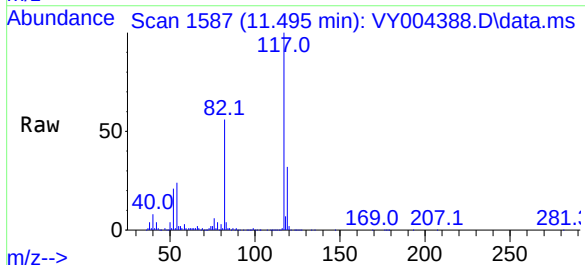
Instrument :
MSVOA_Y
ClientSampled :
SB-4C

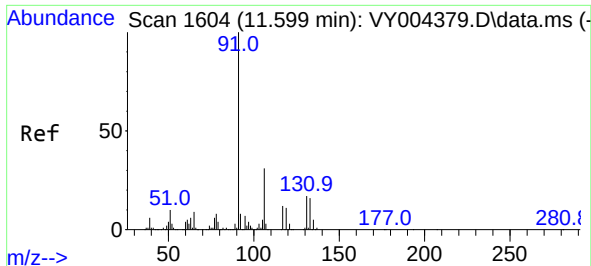
Tgt Ion: 95 Resp: 137644
Ion Ratio Lower Upper
95 100
174 80.8 0.0 162.4
176 77.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

Tgt Ion: 117 Resp: 289571
Ion Ratio Lower Upper
117 100
82 55.9 44.9 67.3
119 32.1 25.4 38.0

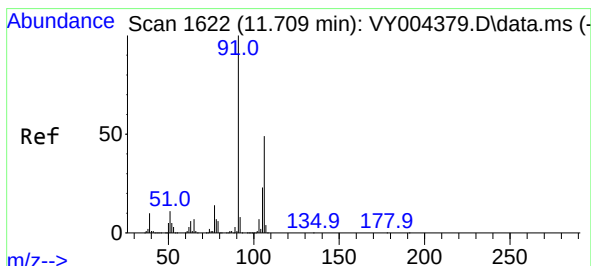
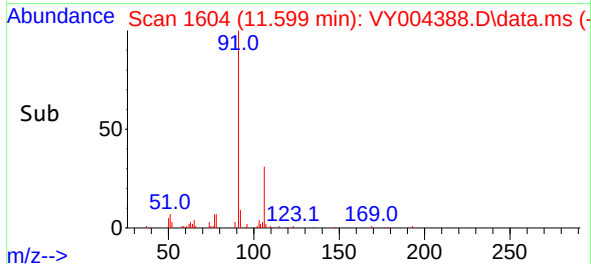
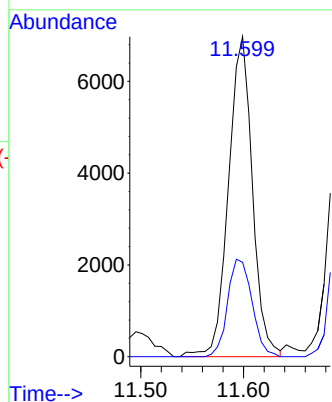
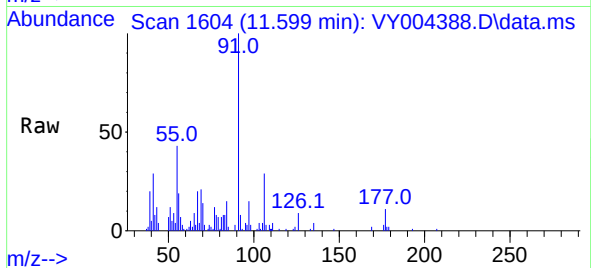




#67
Ethyl Benzene
Concen: 1.02 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

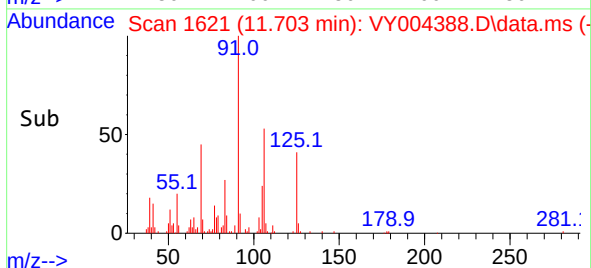
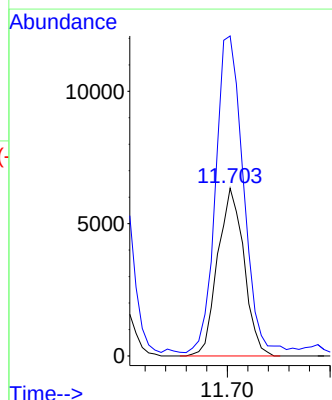
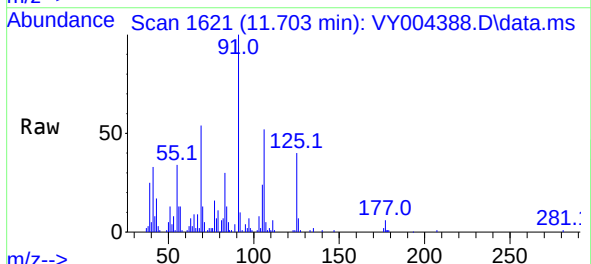
Instrument :
MSVOA_Y
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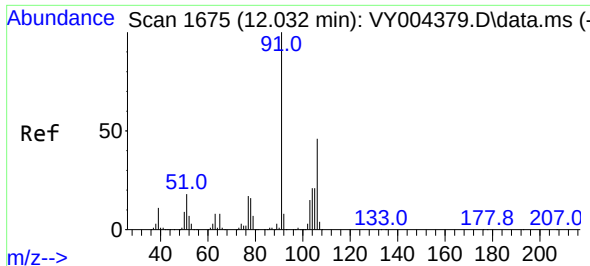
Tgt Ion: 91 Resp: 11300
Ion Ratio Lower Upper
91 100
106 29.5 25.1 37.7



#68
m/p-Xylenes
Concen: 2.74 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

Tgt Ion: 106 Resp: 11259
Ion Ratio Lower Upper
106 100
91 202.9 163.2 244.8

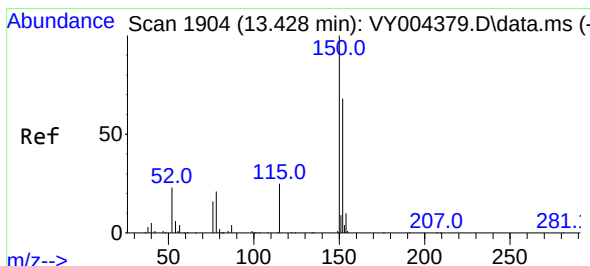
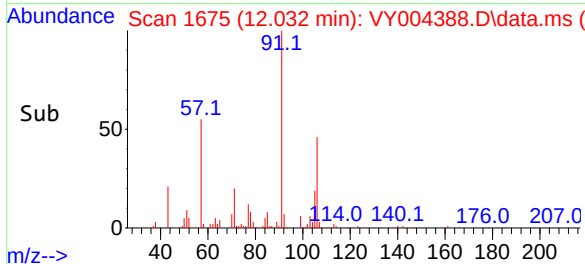
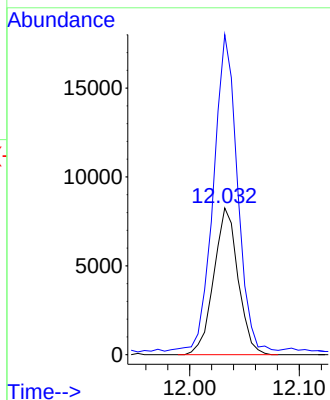
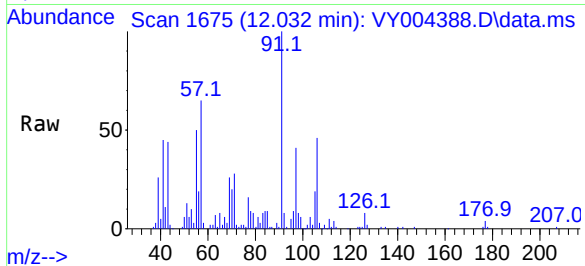




#69
o-Xylene
Concen: 3.30 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

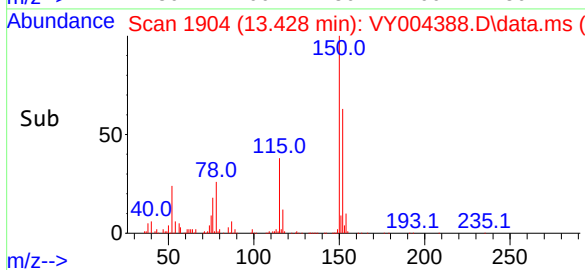
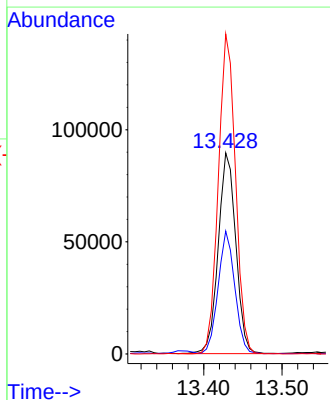
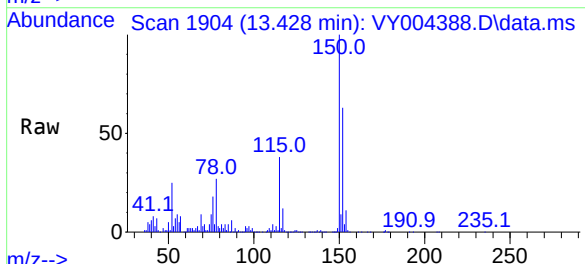
Instrument :
MSVOA_Y
ClientSampled :
SB-4C

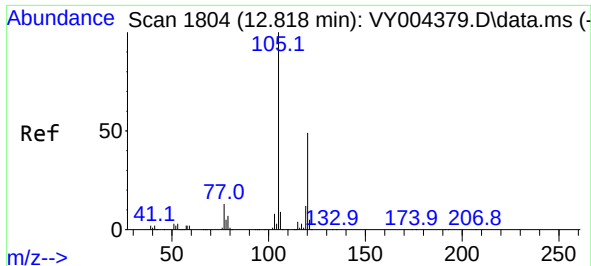
Tgt Ion:106 Resp: 12711
Ion Ratio Lower Upper
106 100
91 215.1 107.4 322.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

Tgt Ion:152 Resp: 139731
Ion Ratio Lower Upper
152 100
115 57.9 29.6 88.8
150 155.9 0.0 348.4

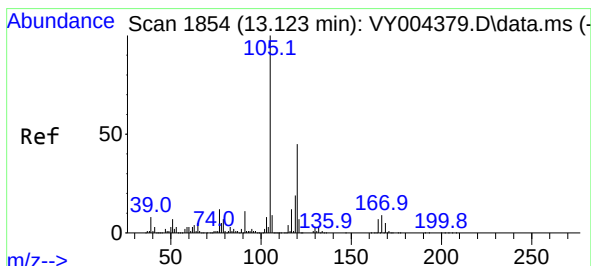
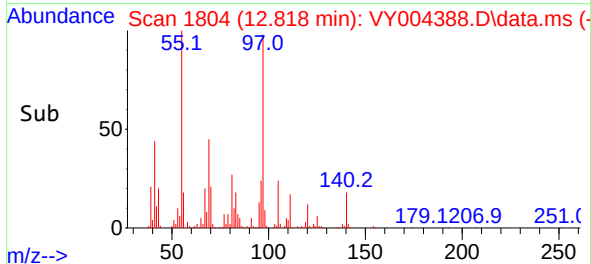
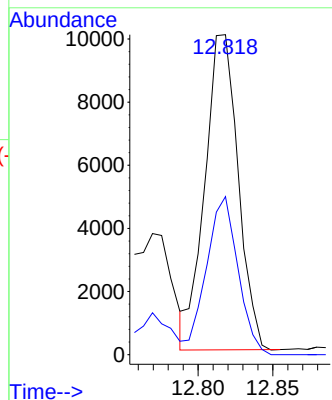
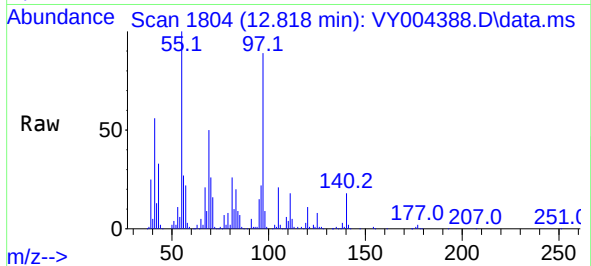




#80
1,3,5-Trimethylbenzene
Concen: 1.76 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

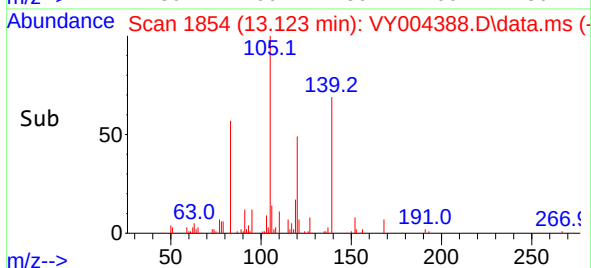
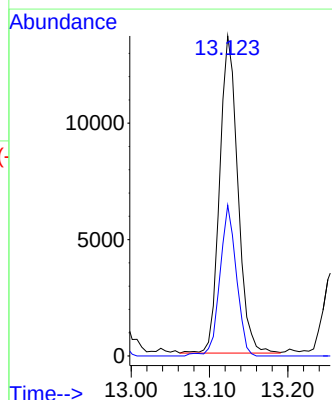
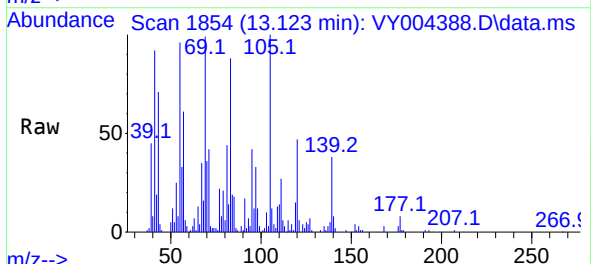
Instrument :
MSVOA_Y
ClientSampled :
SB-4C

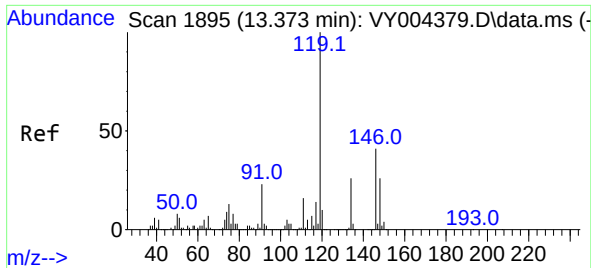
Tgt Ion:105 Resp: 15479
Ion Ratio Lower Upper
105 100
120 47.7 24.6 74.0



#84
1,2,4-Trimethylbenzene
Concen: 2.49 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004388.D
Acq: 12 Apr 2021 16:50

Tgt Ion:105 Resp: 22037
Ion Ratio Lower Upper
105 100
120 43.1 22.4 67.3





#86
 p-Isopropyltoluene
 Concen: 2.77 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004388.D
 Acq: 12 Apr 2021 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4C

Tgt Ion:119 Resp: 26378
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.8
 91 25.4 11.9 35.7

