

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004440.D
 Acq On : 15 Apr 2021 14:58
 Operator : SY/MD
 Sample : M2034-02RE
 Misc : 6.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1979RE

Quant Time: Apr 16 05:04:22 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)

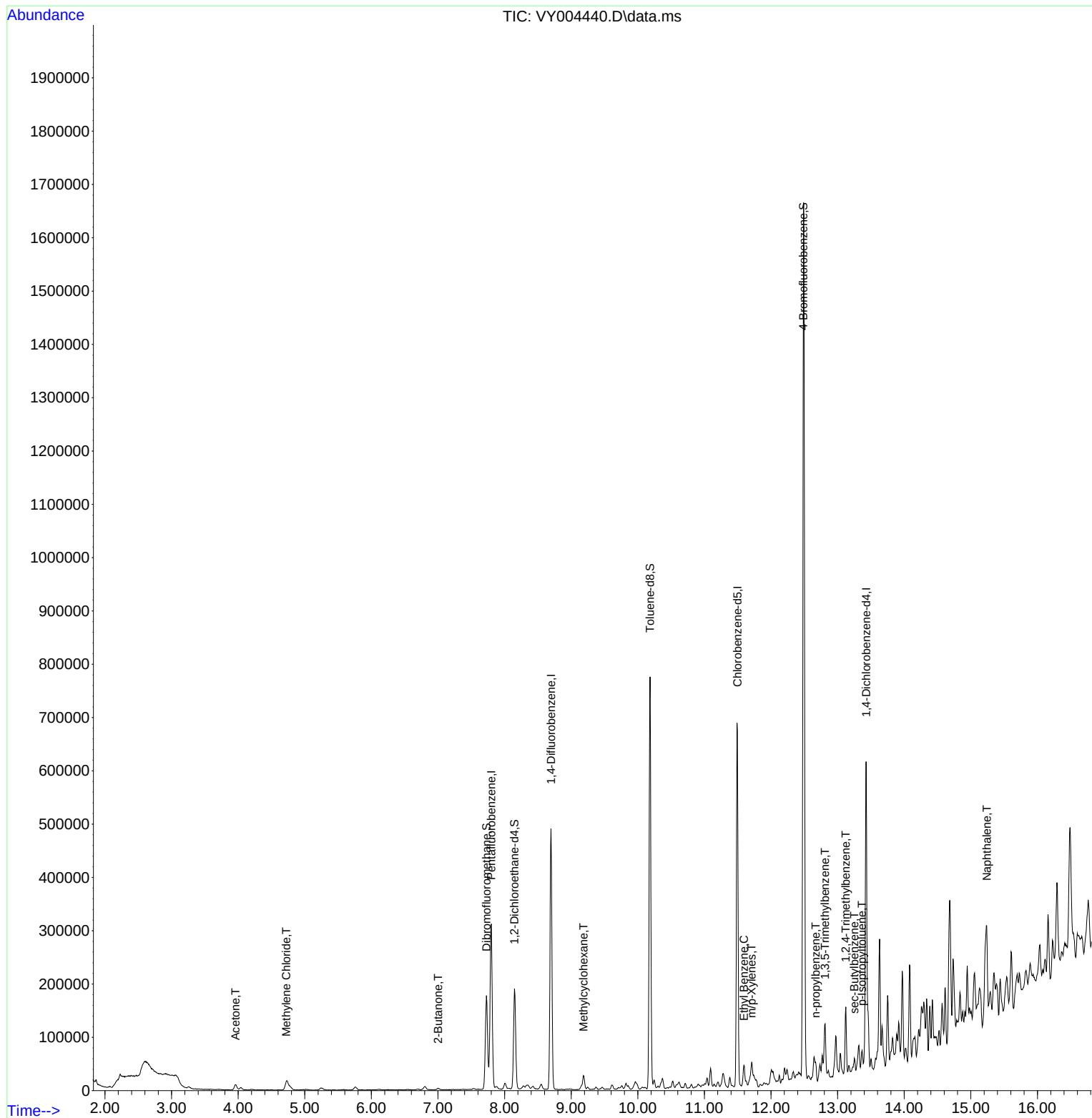
Internal Standards						
1) Pentafluorobenzene	7.801	168	233745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	408953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	364268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	145563	56.05	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.10%			
35) Dibromofluoromethane	7.728	113	123512	54.42	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.84%			
50) Toluene-d8	10.184	98	493008	51.07	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.14%			
62) 4-Bromofluorobenzene	12.483	95	164841	50.32	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.64%			
Target Compounds					Qvalue	
16) Acetone	3.960	43	17092	12.76	ug/l	94
20) Methylene Chloride	4.722	84	11422	4.55	ug/l	93
25) 2-Butanone	7.002	43	4352	4.40	ug/l #	78
39) Methylcyclohexane	9.185	83	10812	2.16	ug/l	97
67) Ethyl Benzene	11.593	91	25031	1.80	ug/l	98
68) m/p-Xylenes	11.709	106	6669	1.29	ug/l	88
78) n-propylbenzene	12.672	91	24597	1.92	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	21707	2.46	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	63451	7.13	ug/l	98
85) sec-Butylbenzene	13.251	105	13585	1.29	ug/l #	78
86) p-Isopropyltoluene	13.367	119	10365	1.08	ug/l	97
95) Naphthalene	15.238	128	129130	22.28	ug/l	98

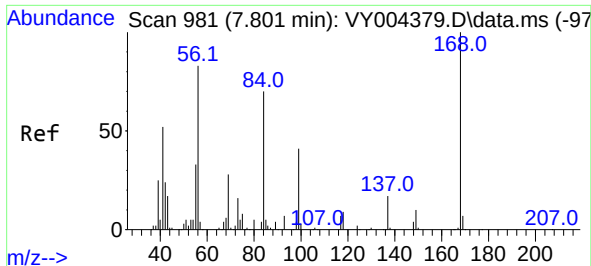
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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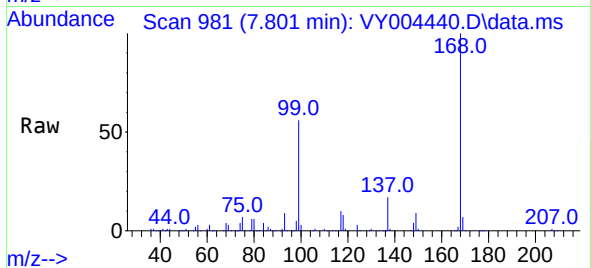
Quant Time: Apr 16 05:04:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



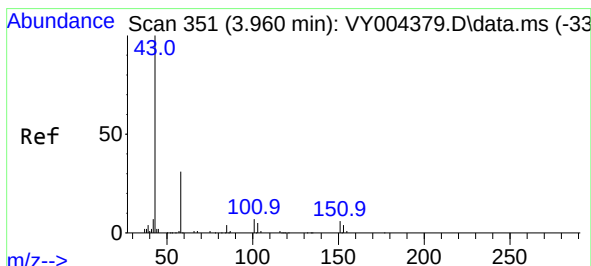
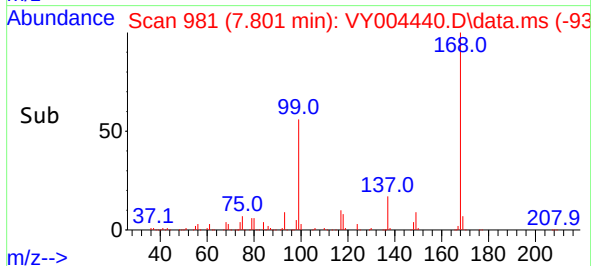
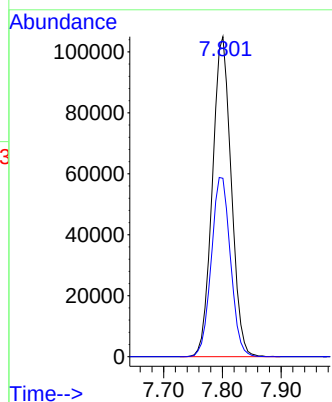


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :
1979RE

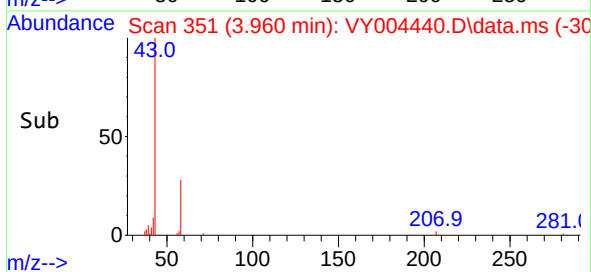
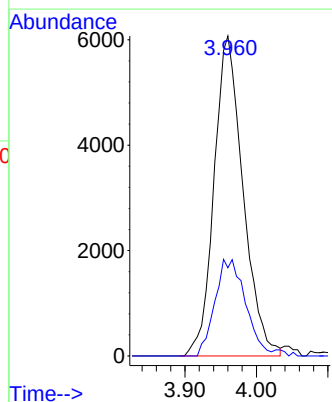
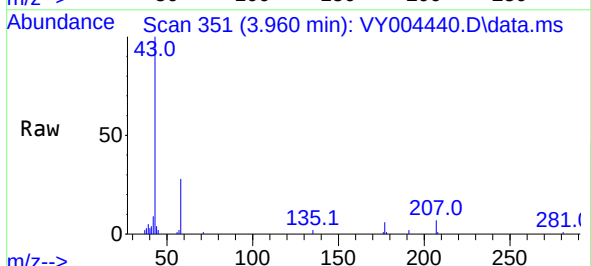


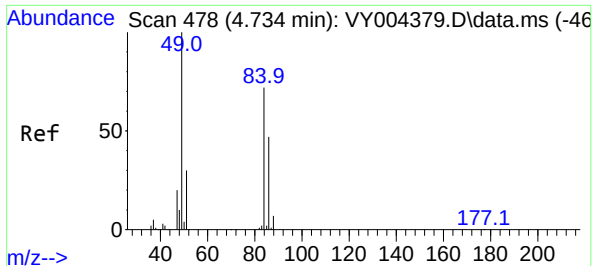
Tgt Ion:168 Resp: 233745
Ion Ratio Lower Upper
168 100
99 55.7 45.5 68.3



#16
Acetone
Concen: 12.76 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

Tgt Ion: 43 Resp: 17092
Ion Ratio Lower Upper
43 100
58 27.6 24.6 37.0



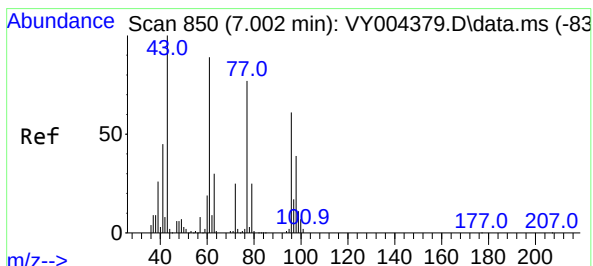
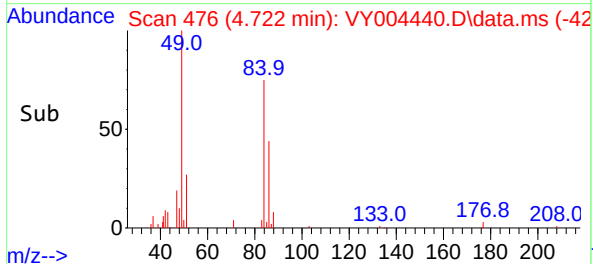
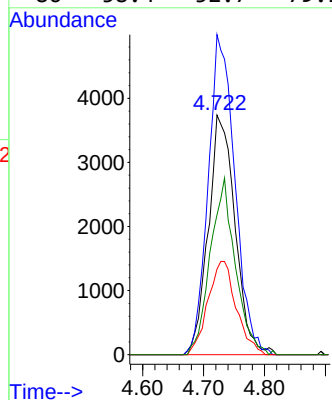
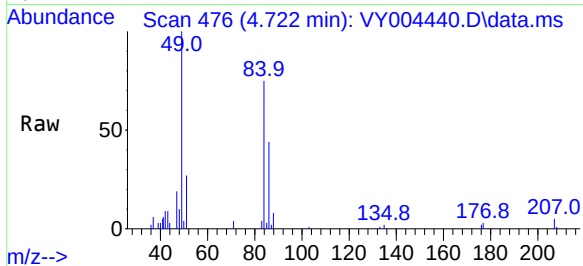


#20
Methylene Chloride
Concen: 4.55 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :
1979RE

Tgt Ion: 84 Resp: 11422

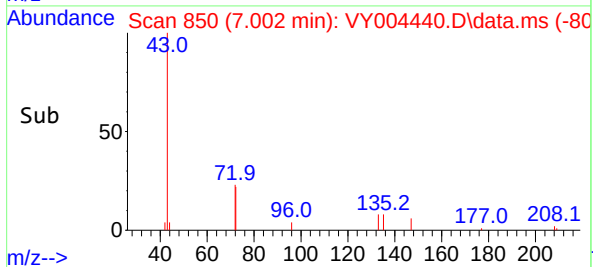
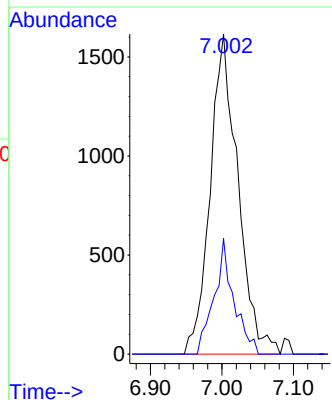
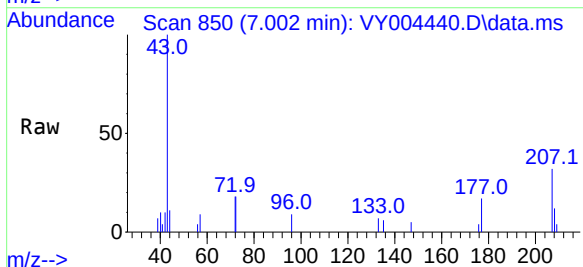
Ion	Ratio	Lower	Upper
84	100		
49	133.6	111.2	166.8
51	35.7	33.4	50.2
86	58.4	52.7	79.1

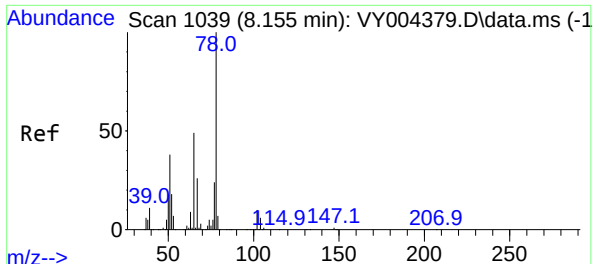


#25
2-Butanone
Concen: 4.40 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

Tgt Ion: 43 Resp: 4352

Ion	Ratio	Lower	Upper
43	100		
72	36.1	20.2	30.2#

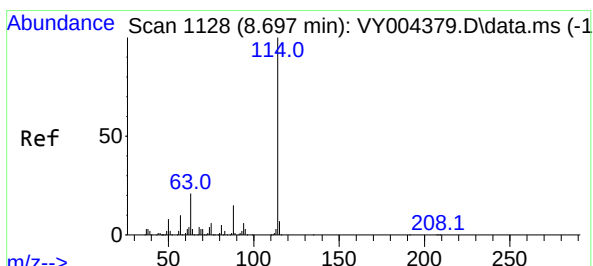
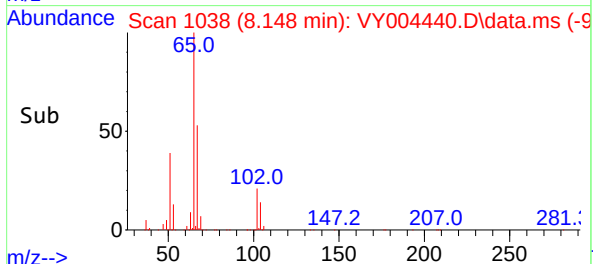
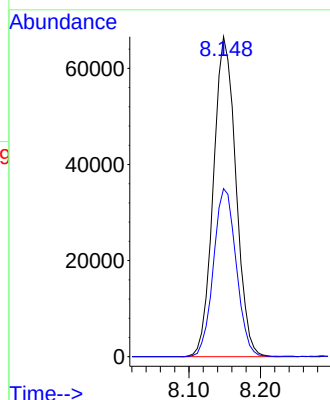
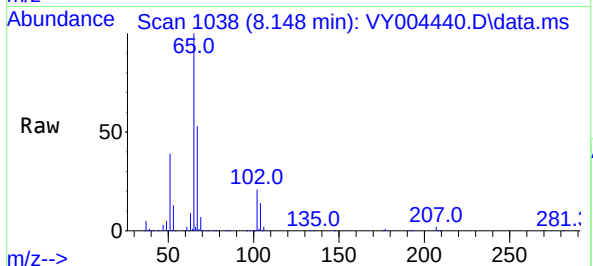




#33
1,2-Dichloroethane-d4
Concen: 56.05 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

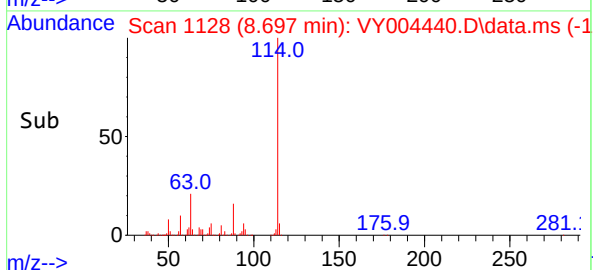
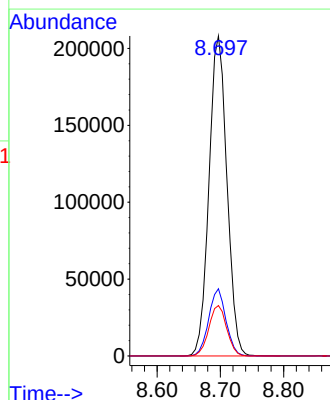
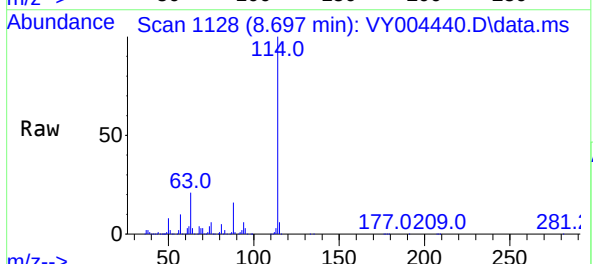
Instrument :
MSVOA_Y
ClientSampleId :
1979RE

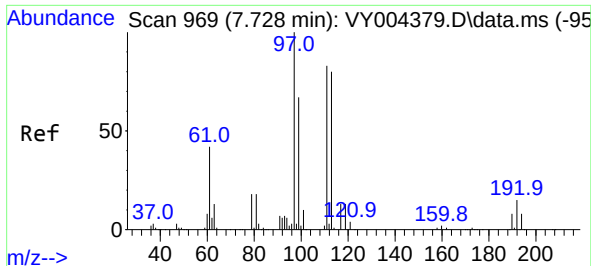
Tgt Ion: 65 Resp: 145563
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

Tgt Ion:114 Resp: 408953
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.4
88 15.8 0.0 30.8

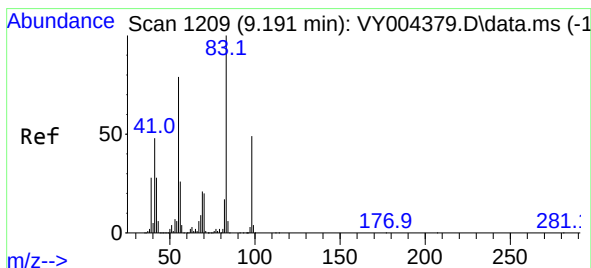
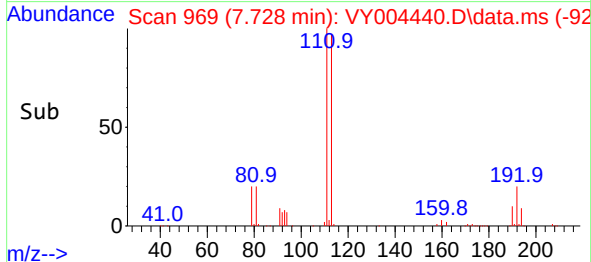
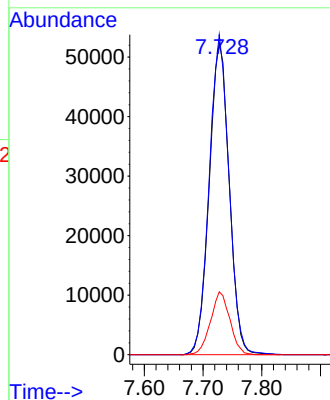
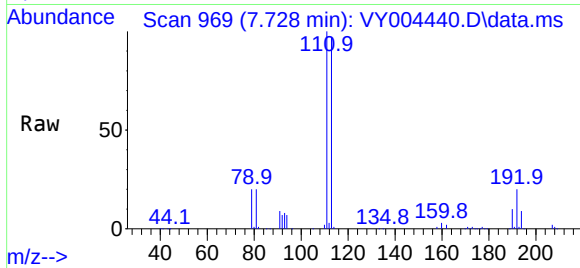




#35
Dibromofluoromethane
Concen: 54.42 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

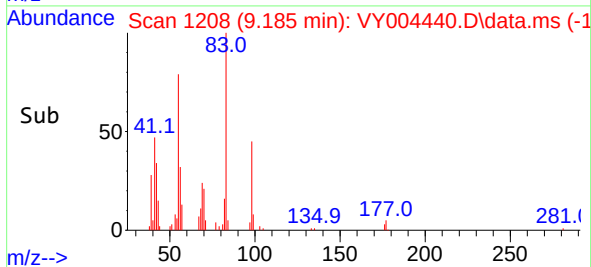
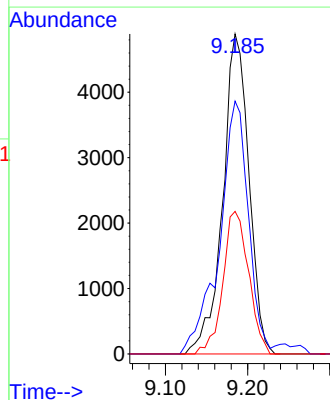
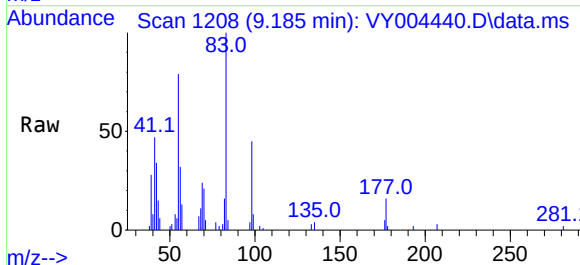
Instrument :
MSVOA_Y
ClientSampleId :
1979RE

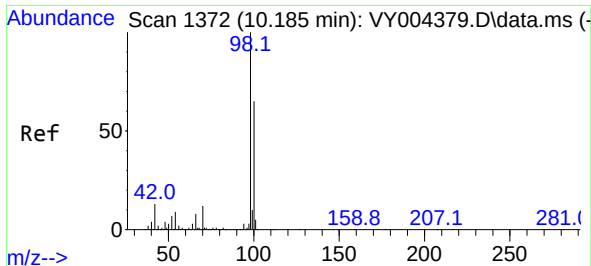
Tgt Ion:	113	Resp:	123512
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	19.5	16.1	24.1



#39
Methylcyclohexane
Concen: 2.16 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

Tgt Ion:	83	Resp:	10812
Ion	Ratio	Lower	Upper
83	100		
55	79.0	63.0	94.4
98	44.6	39.2	58.8

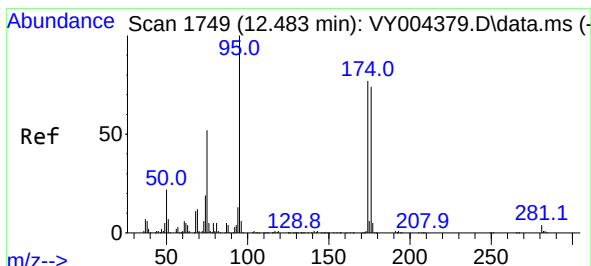
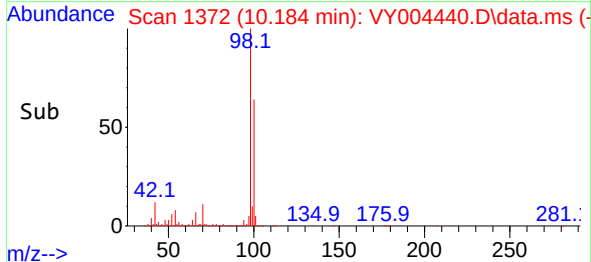
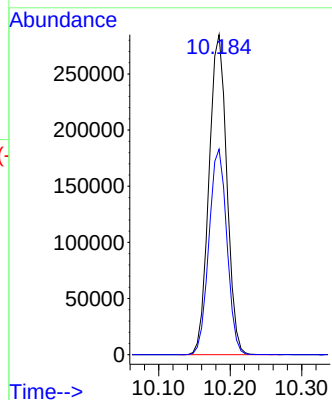
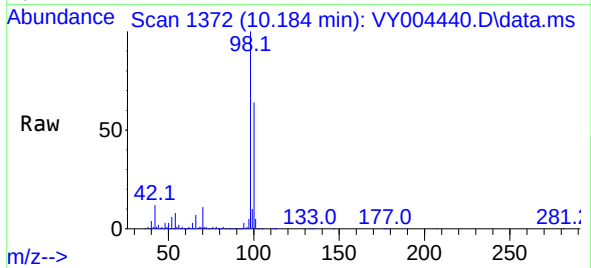




#50
Toluene-d8
Concen: 51.07 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

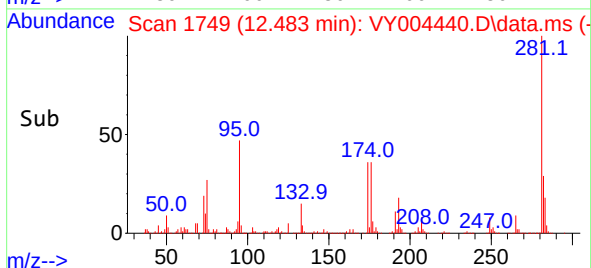
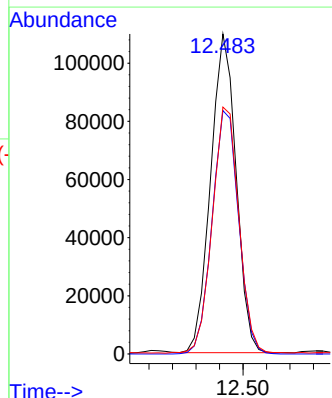
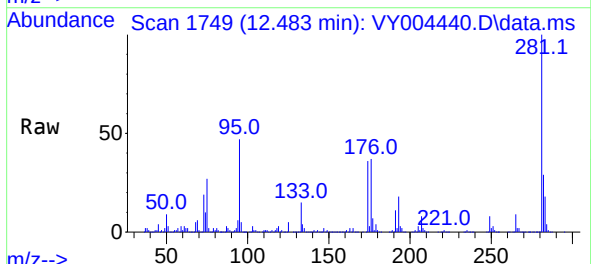
Instrument :
MSVOA_Y
ClientSampled :
1979RE

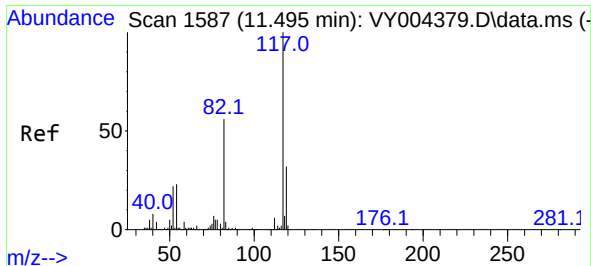
Tgt Ion: 98 Resp: 493008
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

Tgt Ion: 95 Resp: 164841
Ion Ratio Lower Upper
95 100
174 79.7 0.0 162.4
176 80.2 0.0 156.0

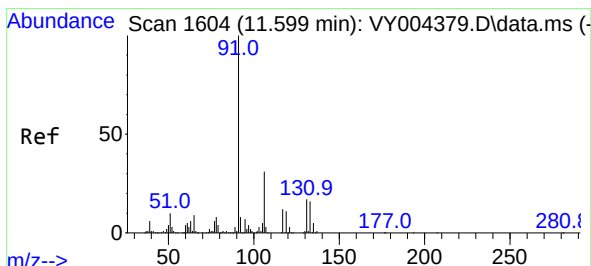
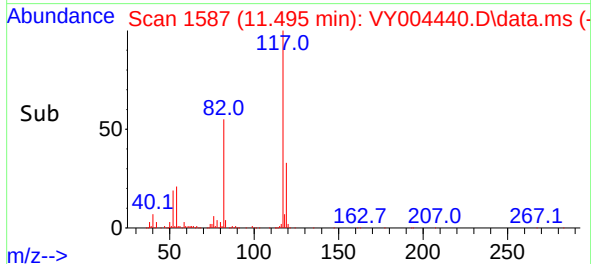
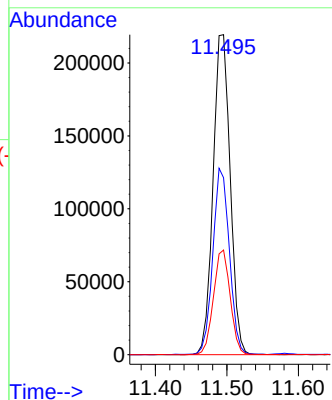
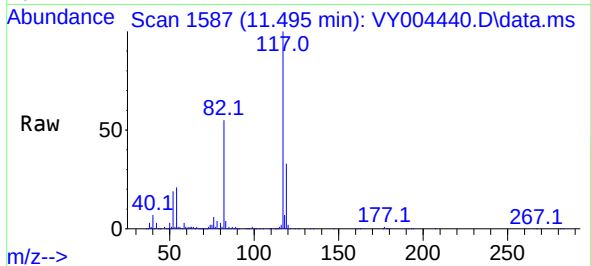




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

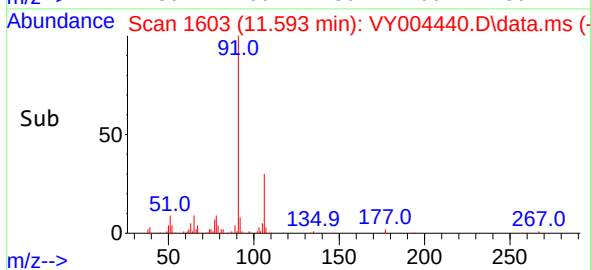
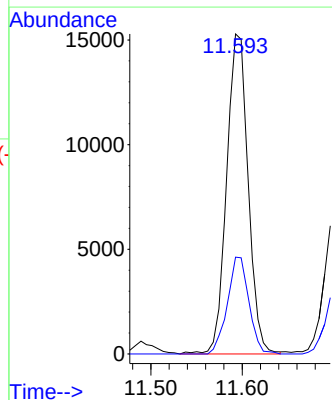
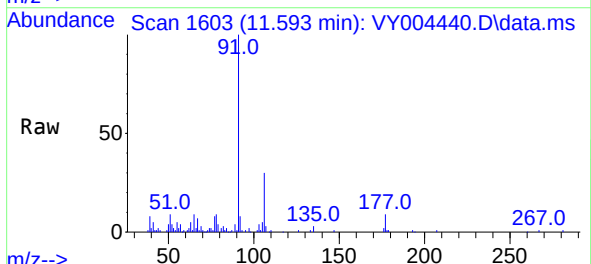
Instrument :
MSVOA_Y
ClientSampleId :
1979RE

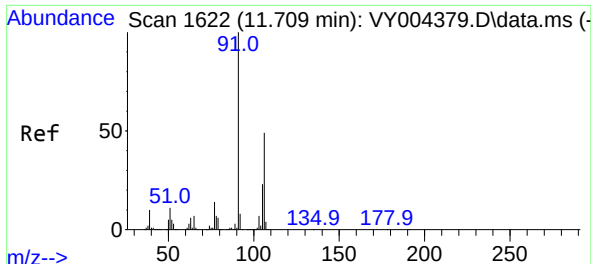
Tgt Ion:	117	Resp:	364268
Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.9	67.3
119	32.7	25.4	38.0



#67
Ethyl Benzene
Concen: 1.80 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

Tgt Ion:	91	Resp:	25031
Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.1	37.7

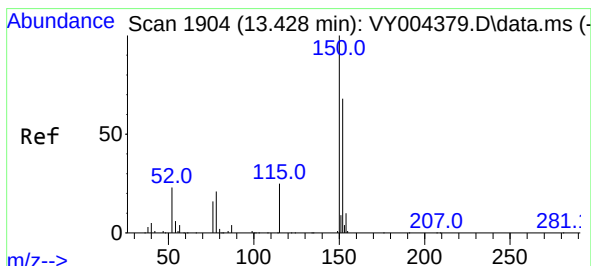
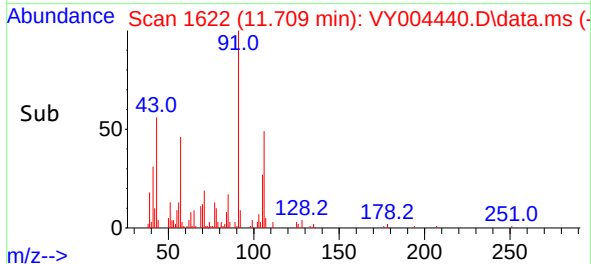
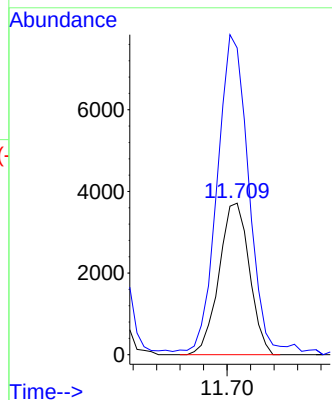
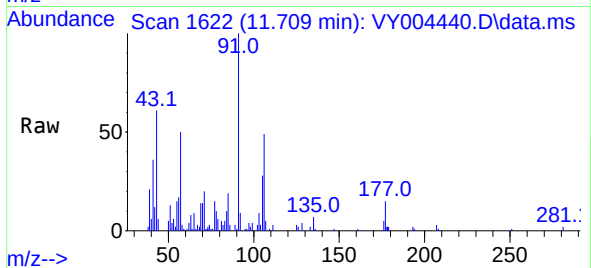




#68
m/p-Xylenes
Concen: 1.29 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

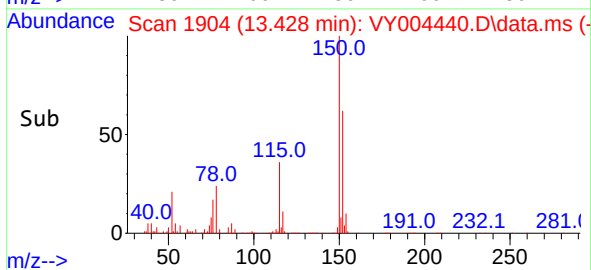
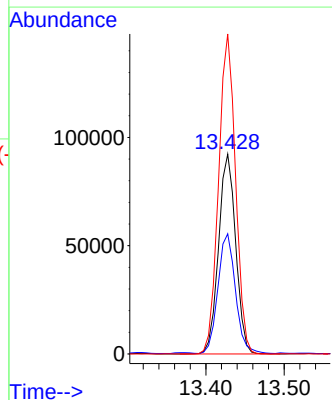
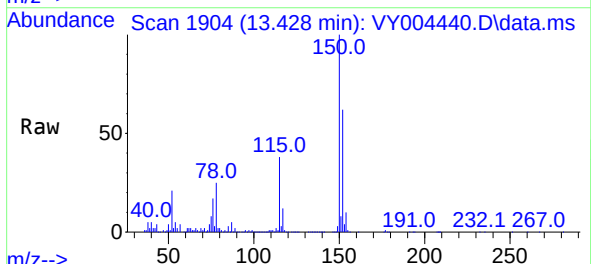
Instrument :
MSVOA_Y
ClientSampleId :
1979RE

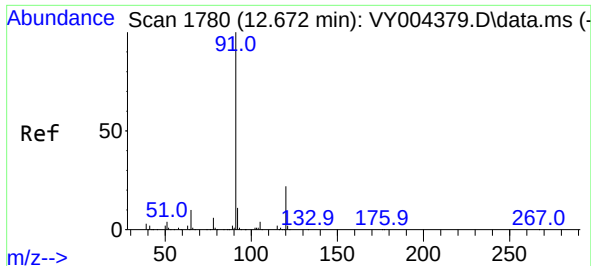
Tgt Ion:106 Resp: 6669
Ion Ratio Lower Upper
106 100
91 222.1 163.2 244.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

Tgt Ion:152 Resp: 140423
Ion Ratio Lower Upper
152 100
115 61.2 29.6 88.8
150 158.5 0.0 348.4

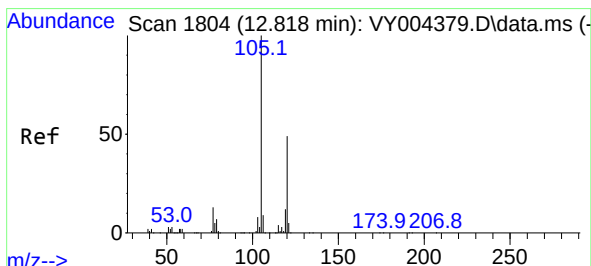
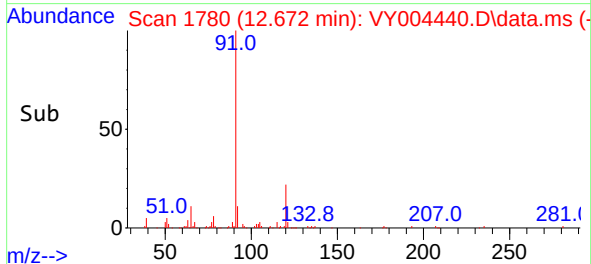
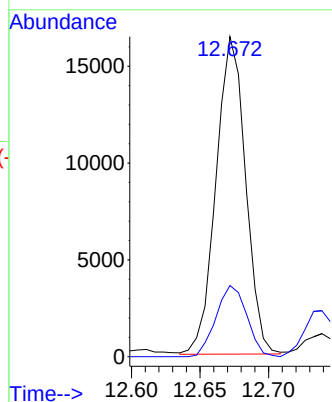
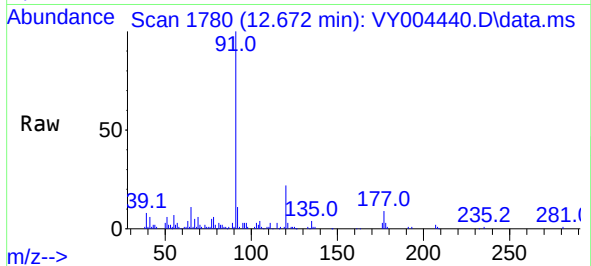




#78
n-propylbenzene
Concen: 1.92 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

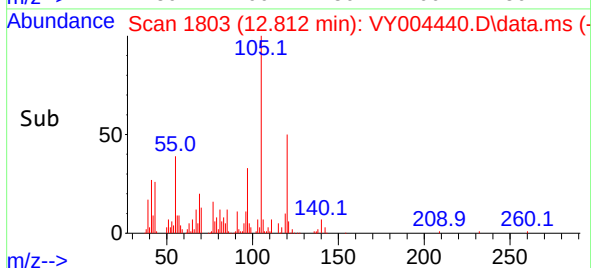
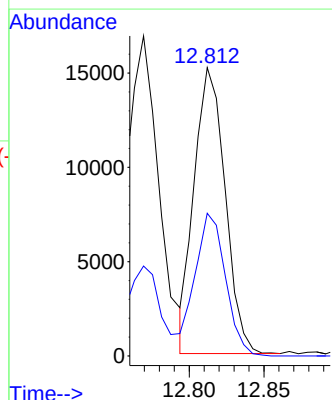
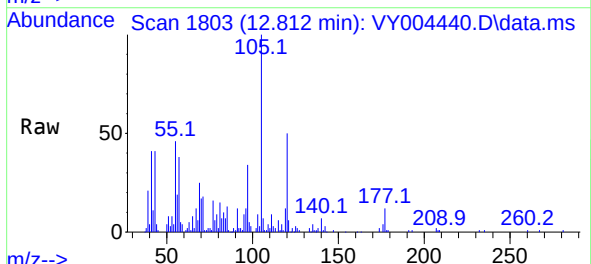
Instrument :
MSVOA_Y
ClientSampled :
1979RE

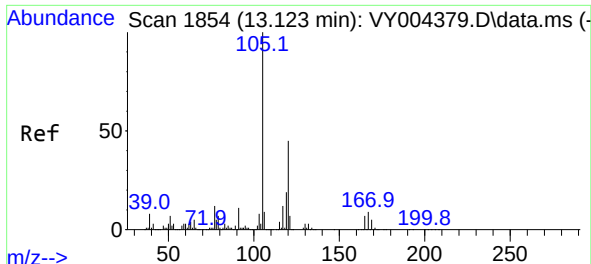
Tgt Ion: 91 Resp: 24597
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 2.46 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

Tgt Ion: 105 Resp: 21707
Ion Ratio Lower Upper
105 100
120 51.0 24.6 74.0

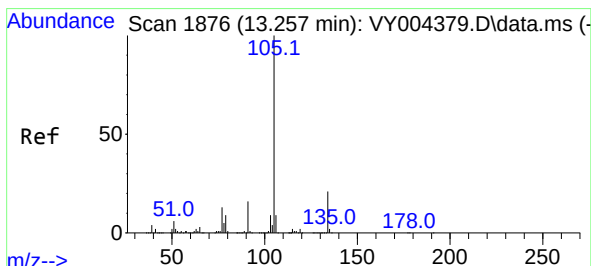
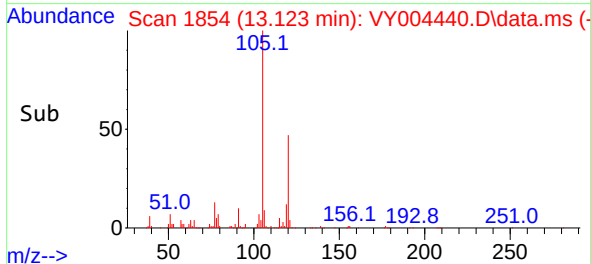
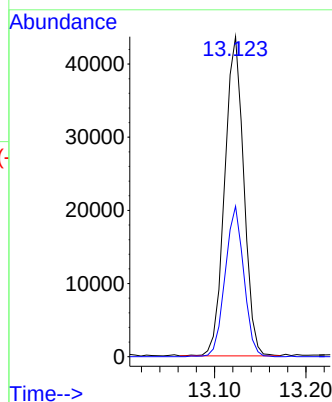
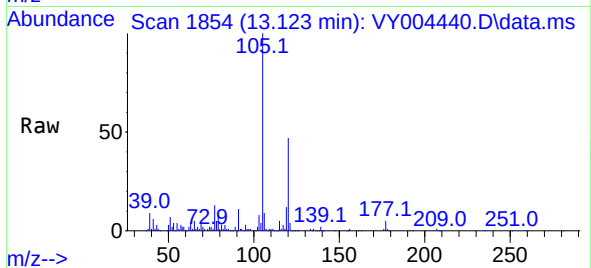




#84
1,2,4-Trimethylbenzene
Concen: 7.13 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

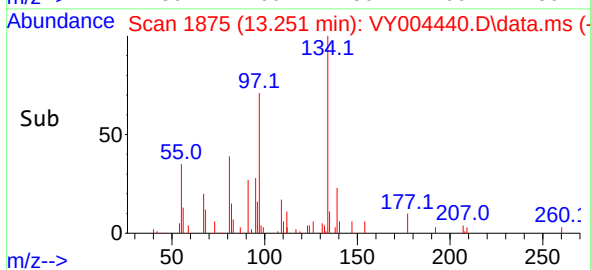
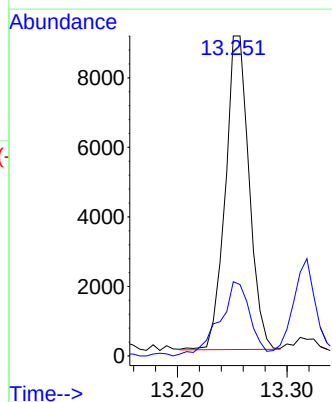
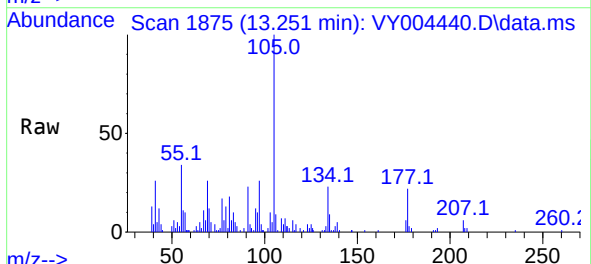
Instrument :
MSVOA_Y
ClientSampled :
1979RE

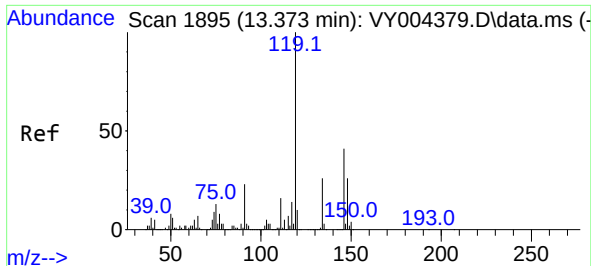
Tgt Ion:105 Resp: 63451
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.3



#85
sec-Butylbenzene
Concen: 1.29 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

Tgt Ion:105 Resp: 13585
Ion Ratio Lower Upper
105 100
134 30.4 10.1 30.3#

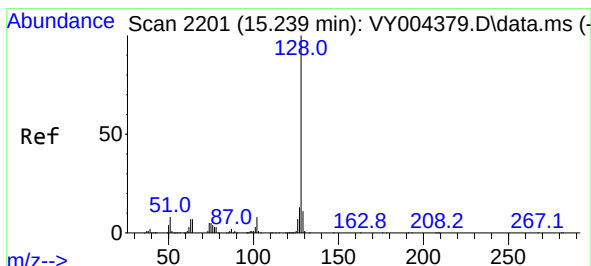
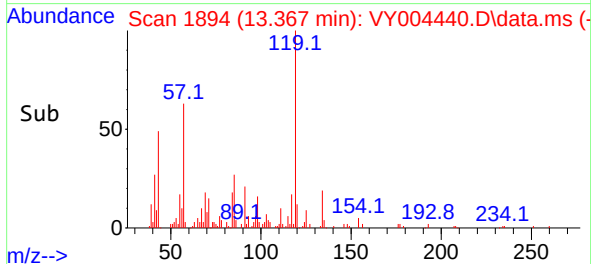
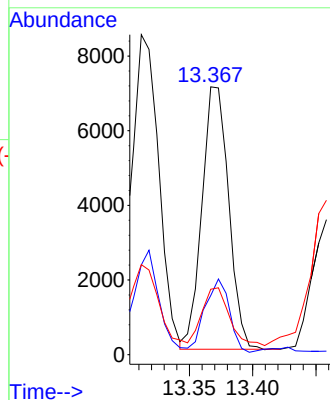
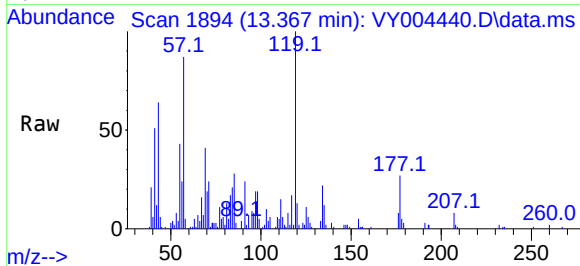




#86
p-Isopropyltoluene
Concen: 1.08 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

Instrument :
MSVOA_Y
ClientSampleId :
1979RE

Tgt Ion:	119	Resp:	10365
Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.3	39.8
91	22.1	11.9	35.7



#95
Naphthalene
Concen: 22.28 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004440.D
Acq: 15 Apr 2021 14:58

Tgt Ion:	128	Resp:	129130
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.2
129	11.5	8.8	13.2

