

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
 Data File : VY004770.D
 Acq On : 14 May 2021 01:38
 Operator : SY/MD
 Sample : M2392-04
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-3.5-4.0

Quant Time: May 14 02:30:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

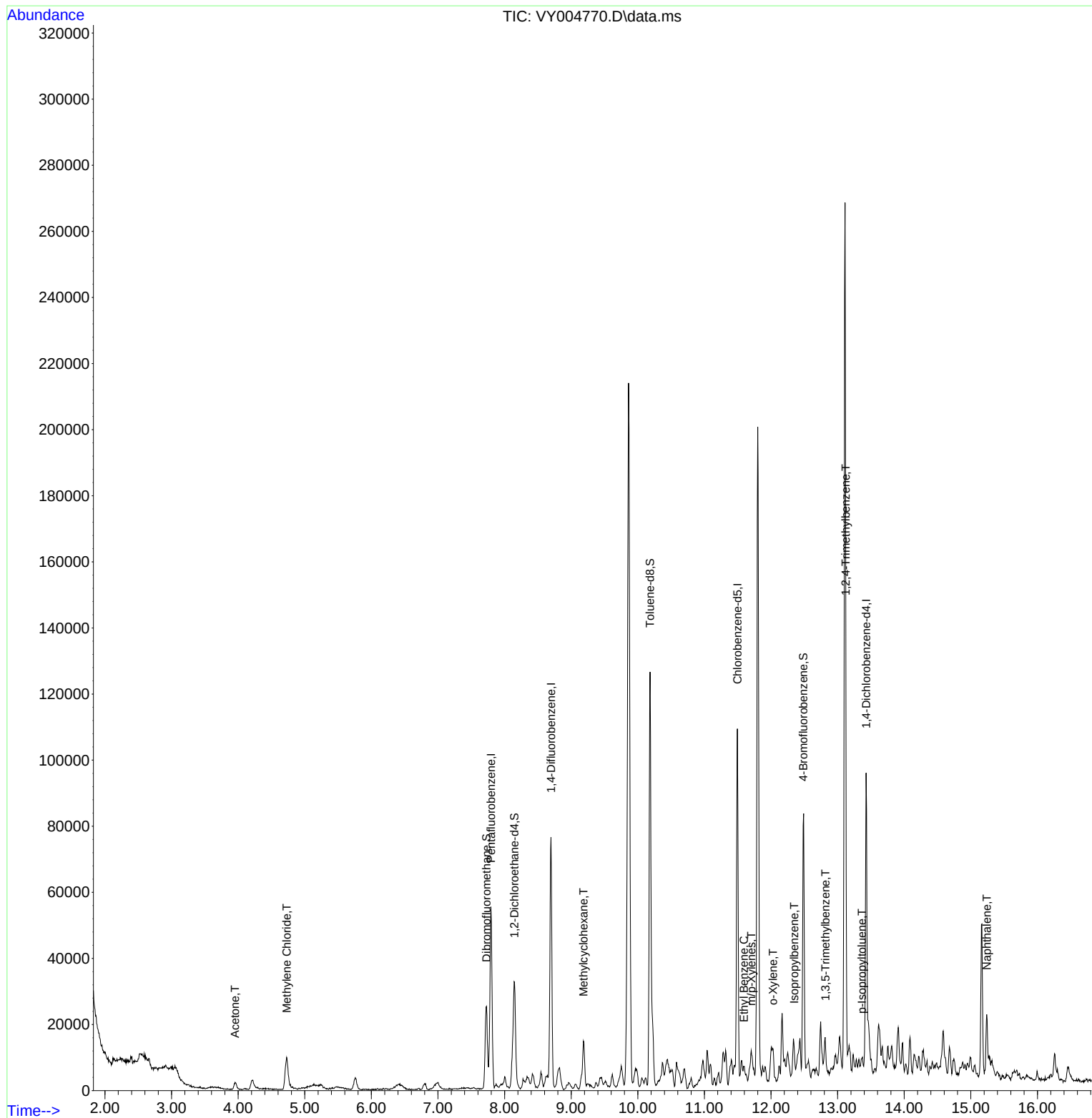
Internal Standards						
1) Pentafluorobenzene	7.795	168	38102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	59439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	52015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	22002	48.51	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.02%
35) Dibromofluoromethane	7.728	113	17504	53.79	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.58%
50) Toluene-d8	10.185	98	72379	49.24	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.48%
62) 4-Bromofluorobenzene	12.483	95	21744	43.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.66%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	3653	35.86	ug/l #	87
20) Methylene Chloride	4.728	84	6459	6.20	ug/l	97
39) Methylcyclohexane	9.185	83	5392	8.12	ug/l #	84
67) Ethyl Benzene	11.593	91	3062	1.54	ug/l	99
68) m/p-Xylenes	11.703	106	1838	2.46	ug/l	94
69) o-Xylene	12.032	106	1266	1.81	ug/l	99
73) Isopropylbenzene	12.349	105	3337	2.04	ug/l	91
80) 1,3,5-Trimethylbenzene	12.818	105	2553	1.88	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	4901	3.61	ug/l	99
86) p-Isopropyltoluene	13.367	119	1710	1.17	ug/l	88
95) Naphthalene	15.239	128	14535	16.35	ug/l	97

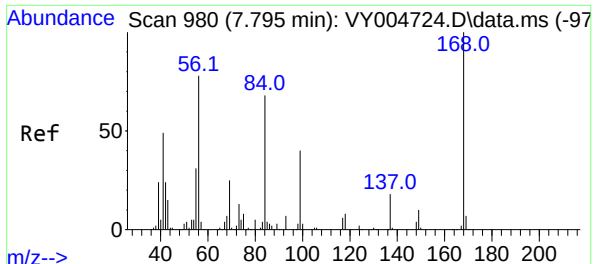
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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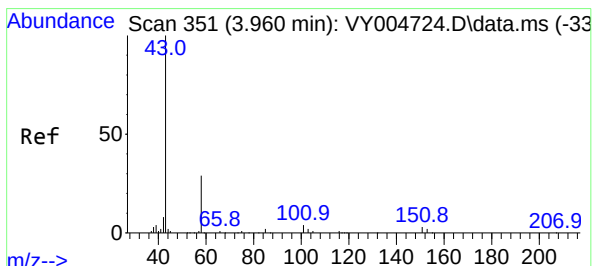
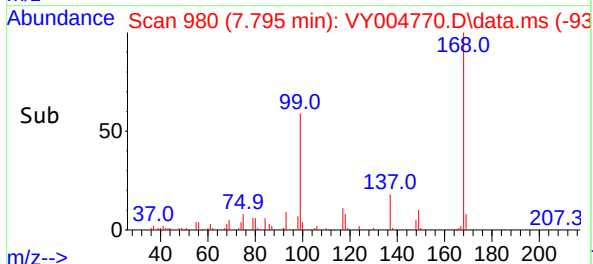
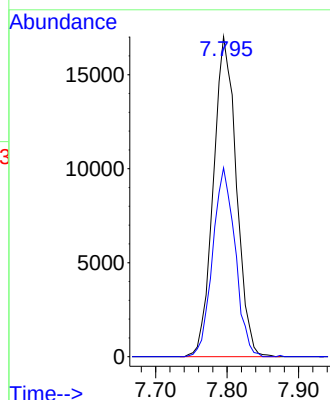
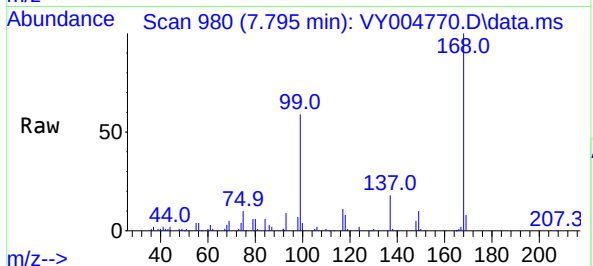




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

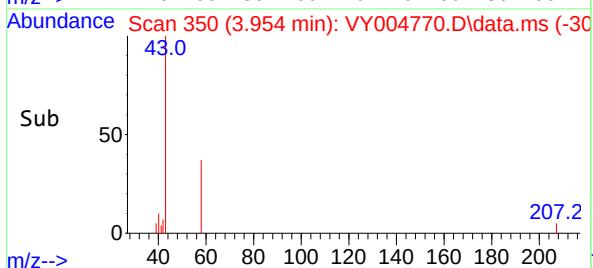
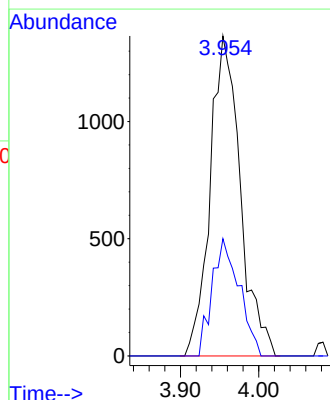
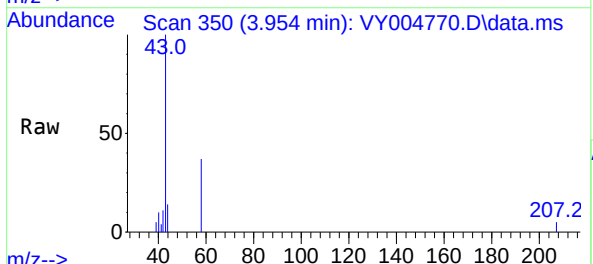
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-3.5-4.0

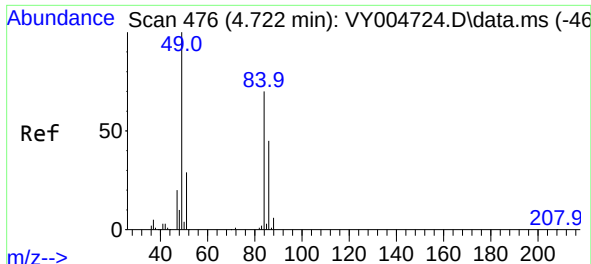
Tgt Ion:168 Resp: 38102
Ion Ratio Lower Upper
168 100
99 59.0 45.6 68.4



#16
Acetone
Concen: 35.86 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

Tgt Ion: 43 Resp: 3653
Ion Ratio Lower Upper
43 100
58 36.6 23.6 35.4#



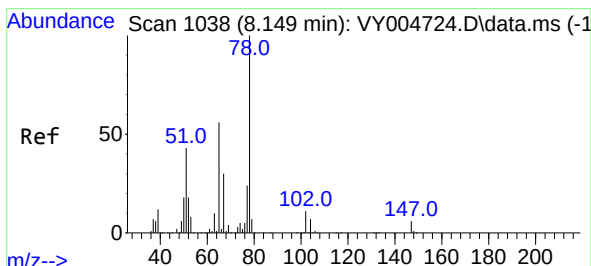
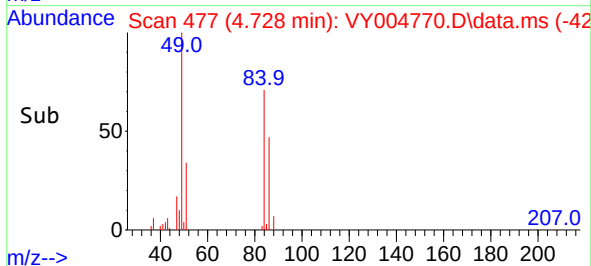
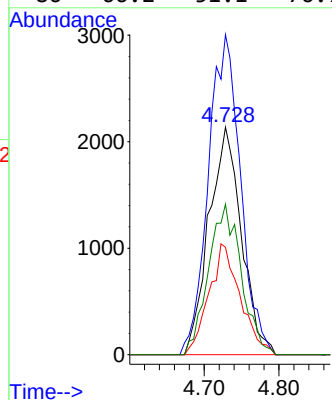
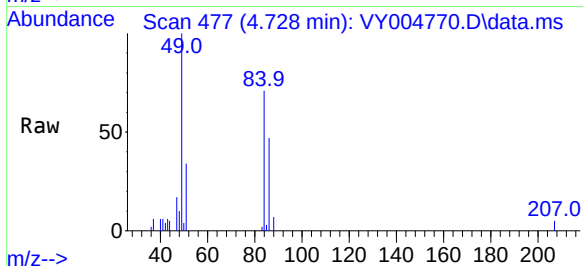


#20
Methylene Chloride
Concen: 6.20 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-3.5-4.0

Tgt Ion: 84 Resp: 6459

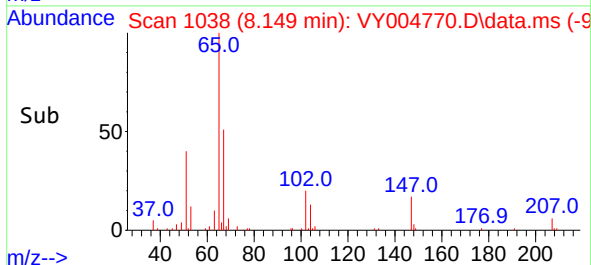
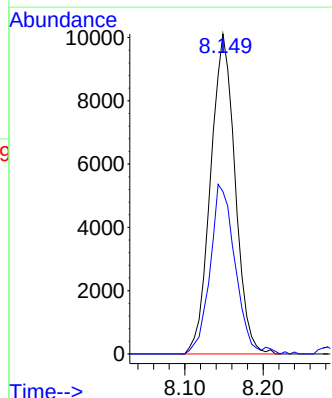
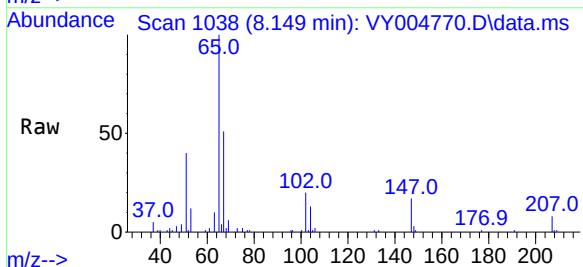
Ion	Ratio	Lower	Upper
84	100		
49	140.7	113.8	170.8
51	47.2	33.5	50.3
86	66.2	51.1	76.7

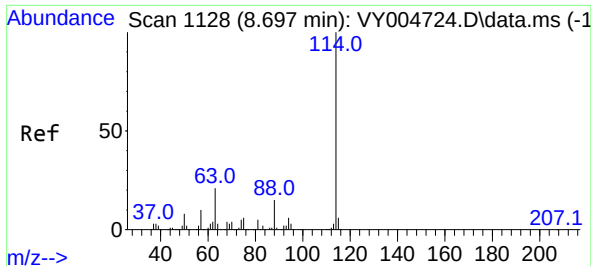


#33
1,2-Dichloroethane-d4
Concen: 48.51 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

Tgt Ion: 65 Resp: 22002

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

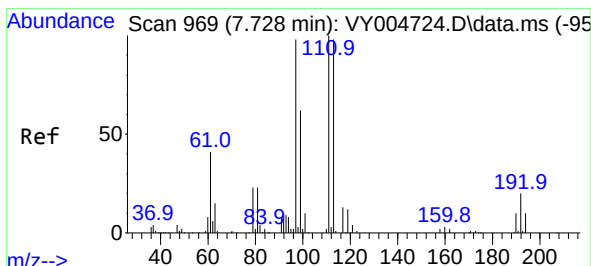
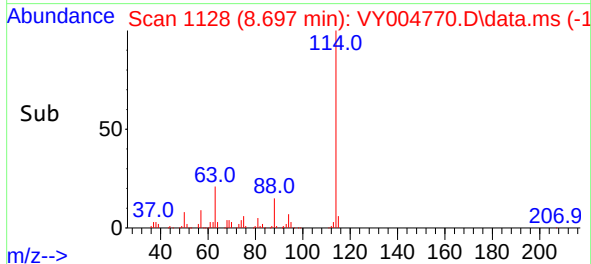
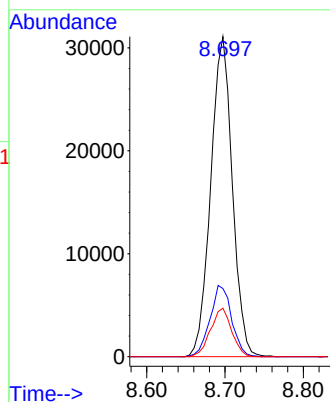
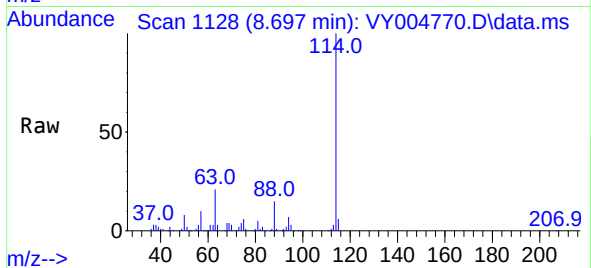
Delta R.T. -0.000 min

Lab File: VY004770.D

Acq: 14 May 2021 01:38

Tgt Ion:	114	Resp:	59439
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.8
88	15.2	0.0	31.0

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-3.5-4.0



#35

Dibromofluoromethane

Concen: 53.79 ug/l

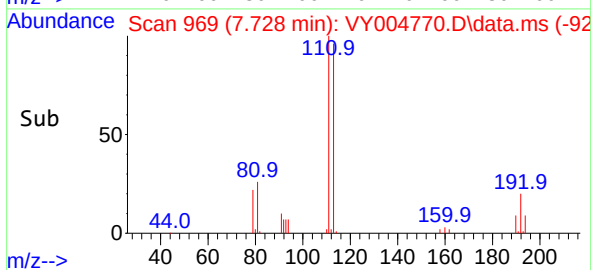
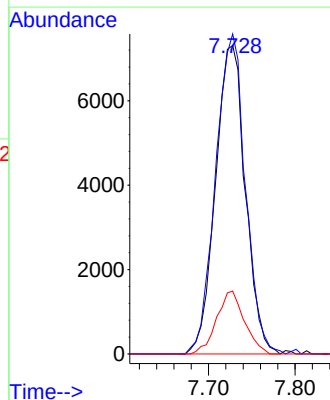
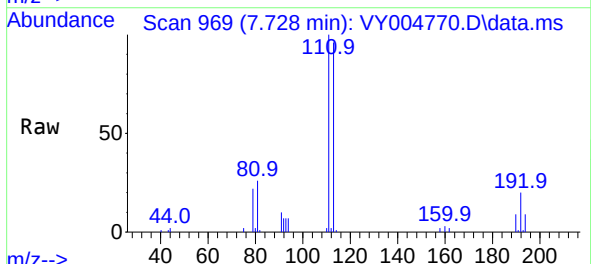
RT: 7.728 min Scan# 969

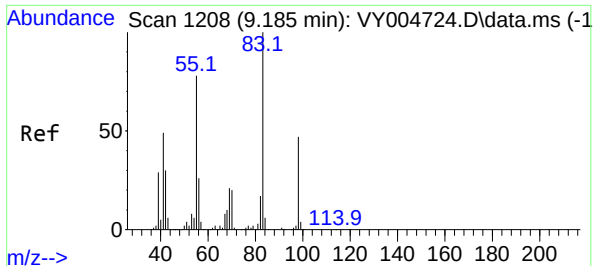
Delta R.T. -0.000 min

Lab File: VY004770.D

Acq: 14 May 2021 01:38

Tgt Ion:	113	Resp:	17504
Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.5	120.7
192	19.0	15.0	22.6





#39

Methylcyclohexane

Concen: 8.12 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY004770.D

Acq: 14 May 2021 01:38

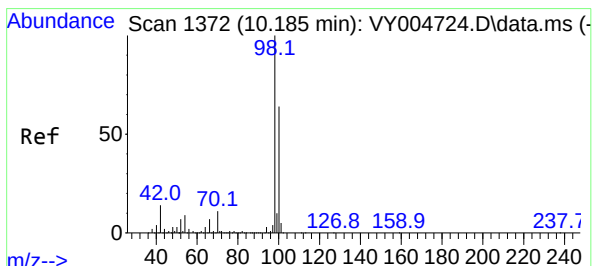
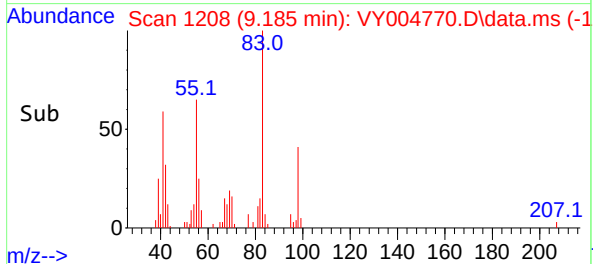
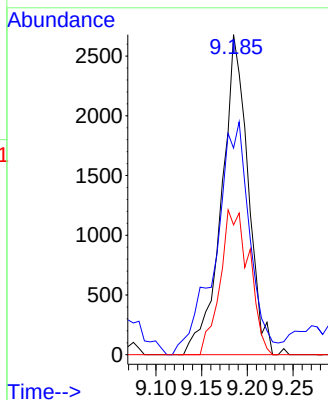
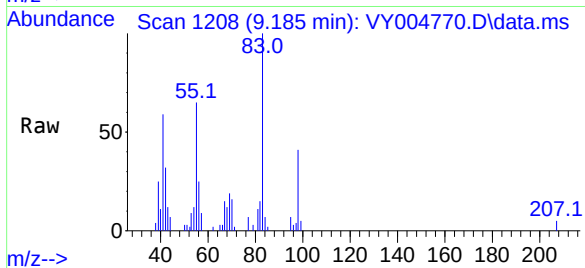
Instrument :

MSVOA_Y

ClientSampleId :

SB-02-3.5-4.0

Tgt Ion:	83	Resp:	5392
Ion	Ratio	Lower	Upper
83	100		
55	61.5	62.6	94.0#
98	40.6	37.8	56.6



#50

Toluene-d8

Concen: 49.24 ug/l

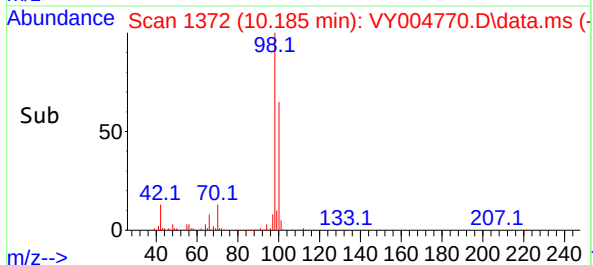
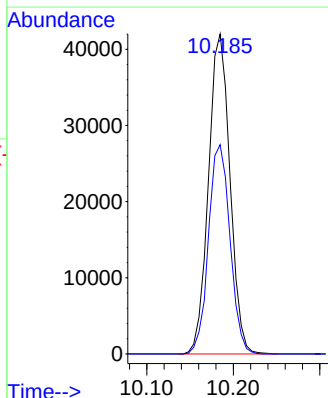
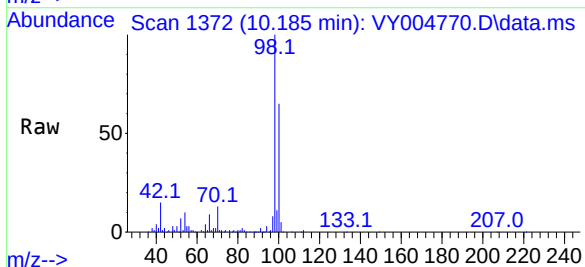
RT: 10.185 min Scan# 1372

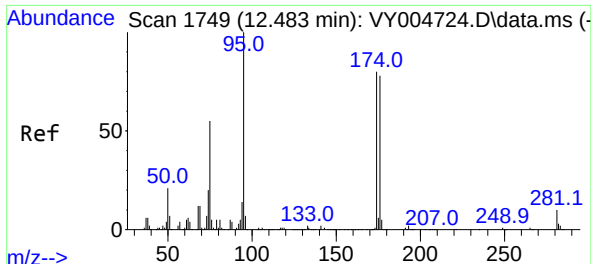
Delta R.T. -0.000 min

Lab File: VY004770.D

Acq: 14 May 2021 01:38

Tgt Ion:	98	Resp:	72379
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.5	77.3

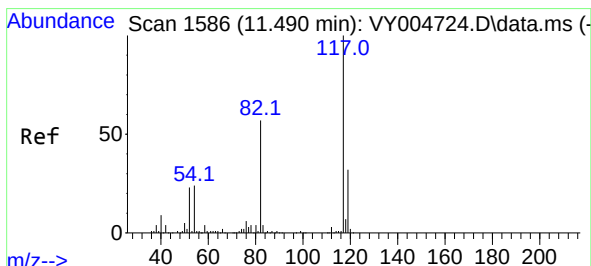
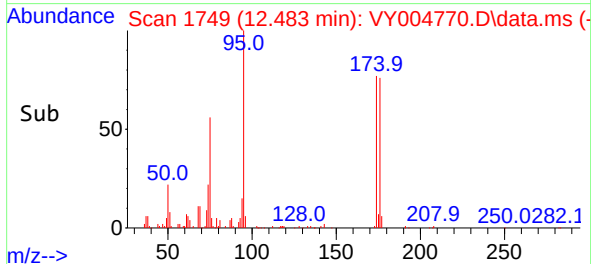
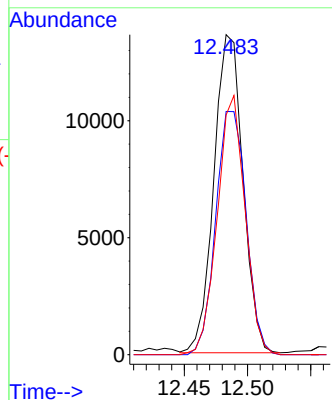
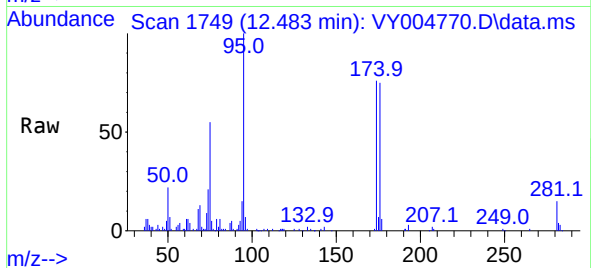




#62
4-Bromofluorobenzene
Concen: 43.83 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

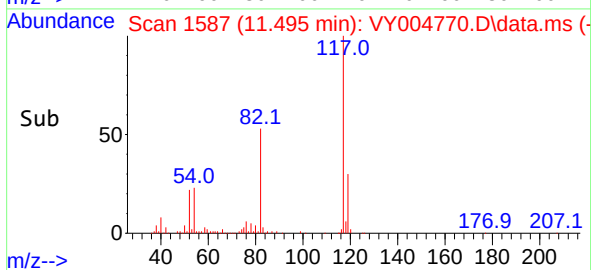
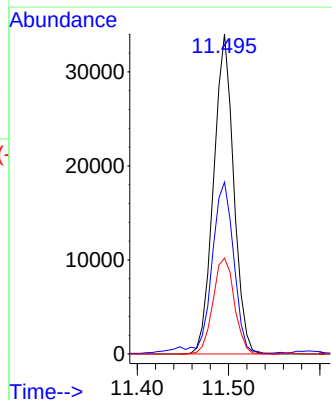
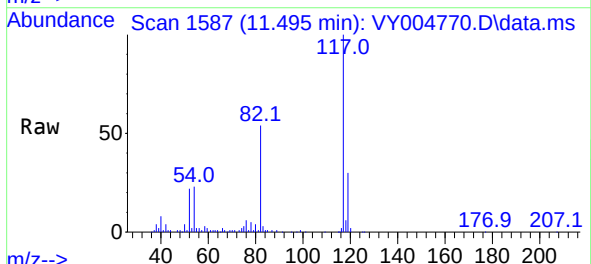
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-3.5-4.0

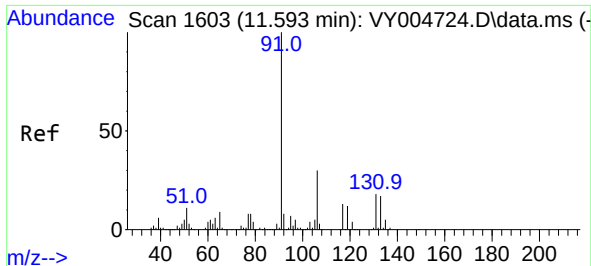
Tgt Ion:	95	Resp:	21744
Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	164.2
176	77.9	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

Tgt Ion:	117	Resp:	52015
Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.4	68.2
119	29.9	25.8	38.6

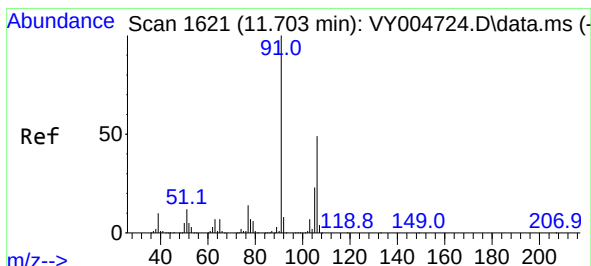
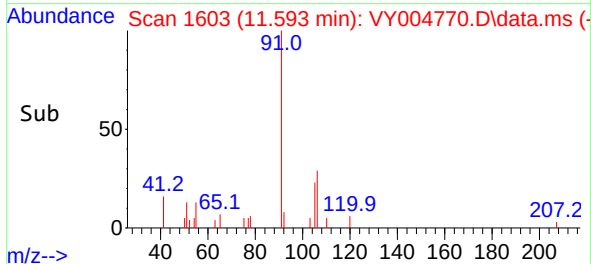
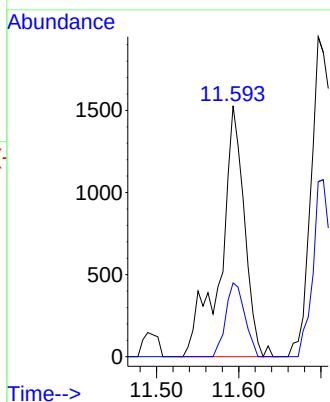
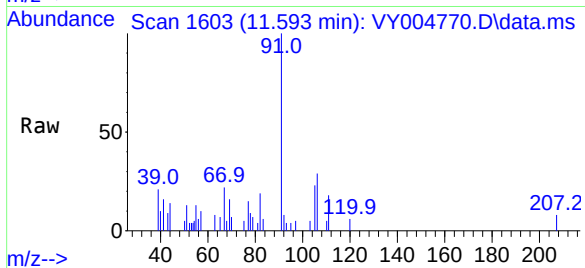




#67
Ethyl Benzene
Concen: 1.54 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

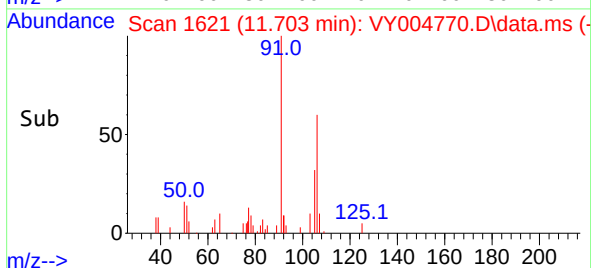
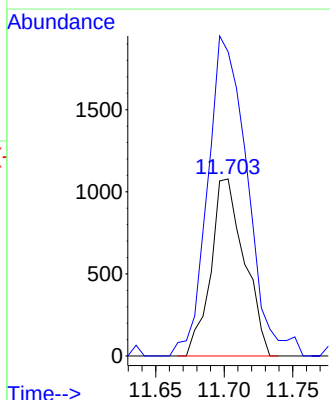
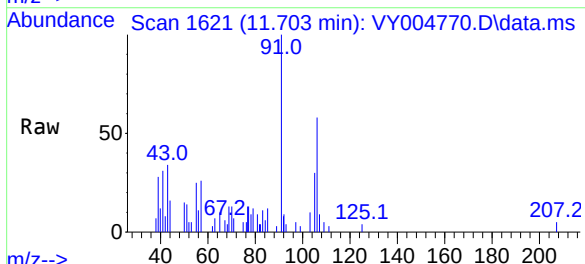
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-3.5-4.0

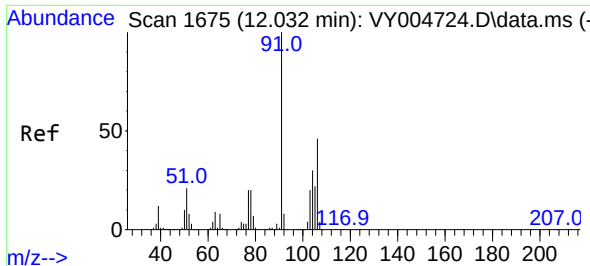
Tgt Ion: 91 Resp: 3062
Ion Ratio Lower Upper
91 100
106 29.5 24.0 36.0



#68
m/p-Xylenes
Concen: 2.46 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

Tgt Ion: 106 Resp: 1838
Ion Ratio Lower Upper
106 100
91 213.2 163.6 245.4

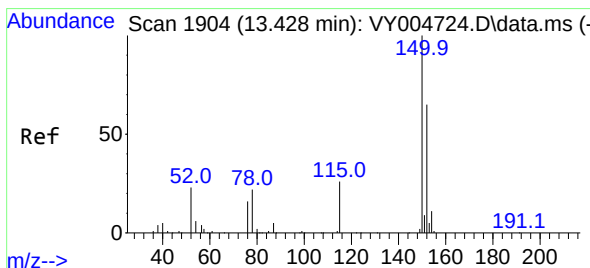
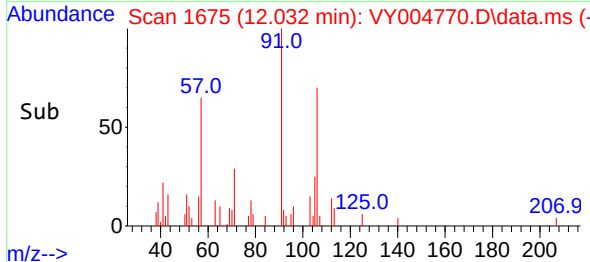
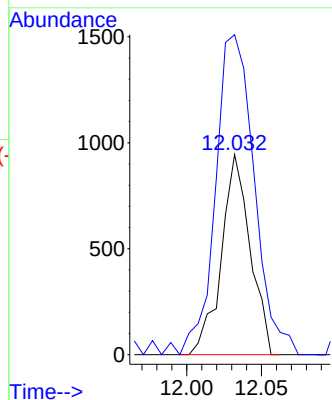
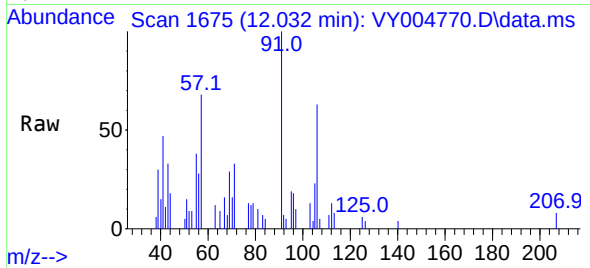




#69
o-Xylene
Concen: 1.81 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

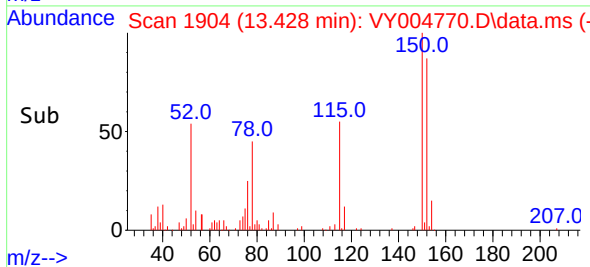
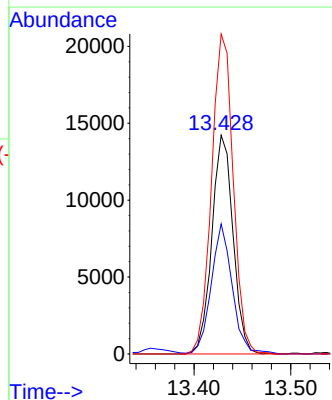
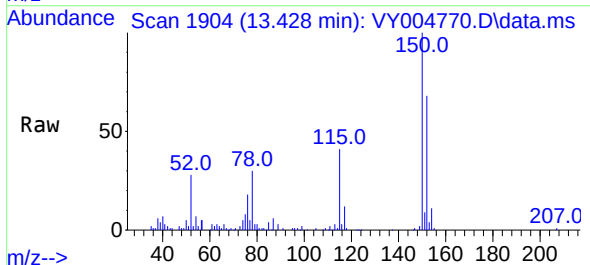
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-3.5-4.0

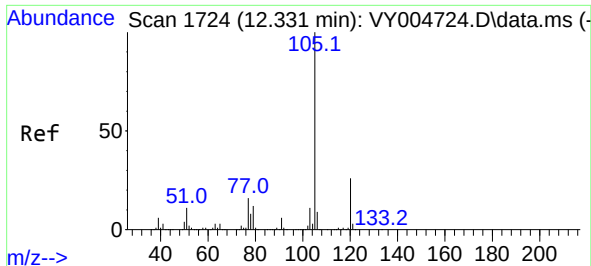
Tgt Ion:106 Resp: 1266
Ion Ratio Lower Upper
106 100
91 216.3 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

Tgt Ion:152 Resp: 21632
Ion Ratio Lower Upper
152 100
115 59.0 29.4 88.3
150 149.6 0.0 349.8

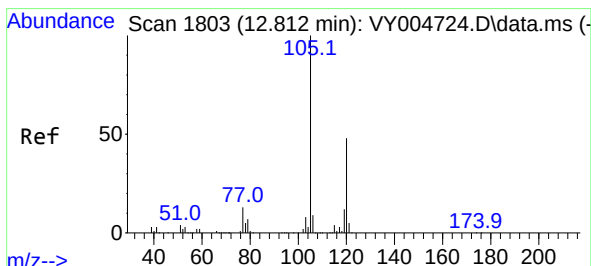
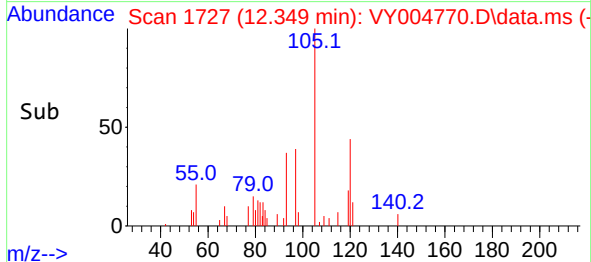
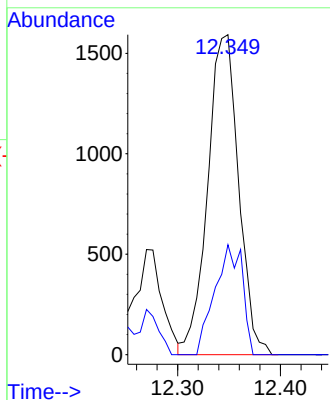
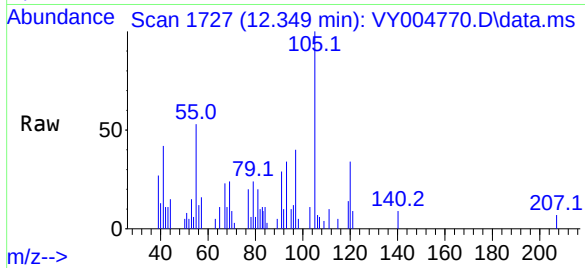




#73
Isopropylbenzene
Concen: 2.04 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.018 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

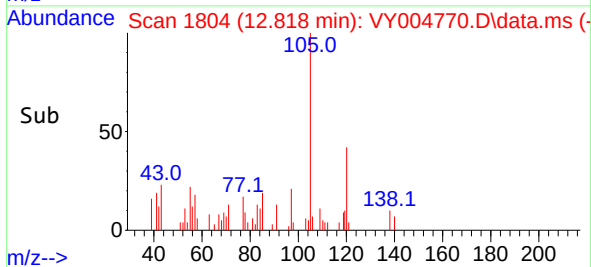
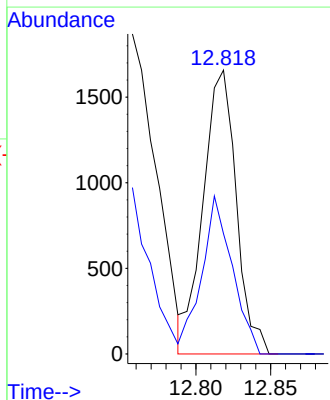
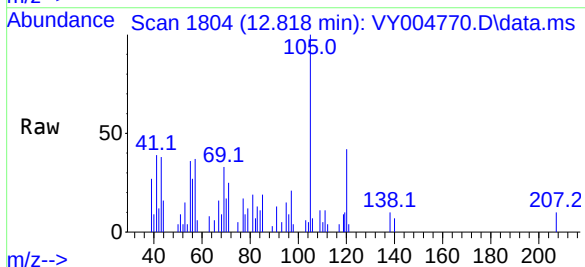
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-3.5-4.0

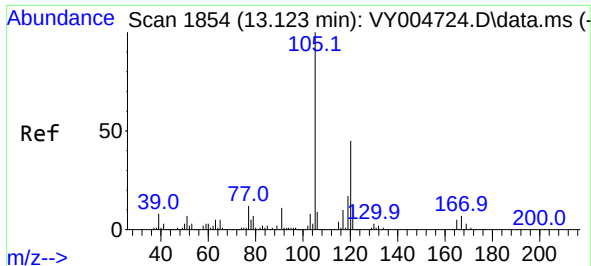
Tgt Ion:105 Resp: 3337
Ion Ratio Lower Upper
105 100
120 30.4 13.1 39.1



#80
1,3,5-Trimethylbenzene
Concen: 1.88 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

Tgt Ion:105 Resp: 2553
Ion Ratio Lower Upper
105 100
120 51.4 24.0 72.0

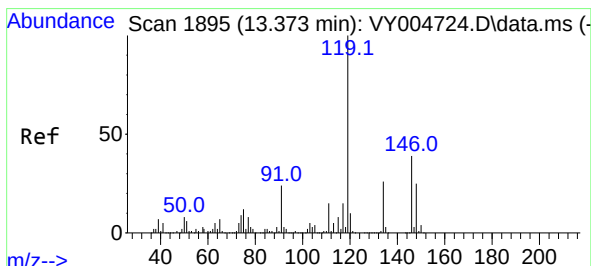
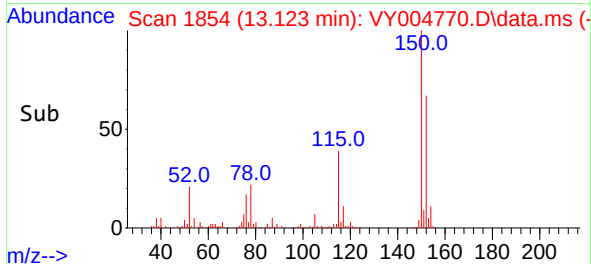
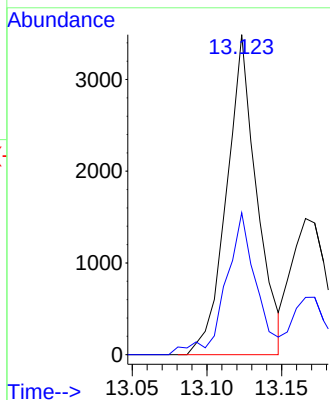
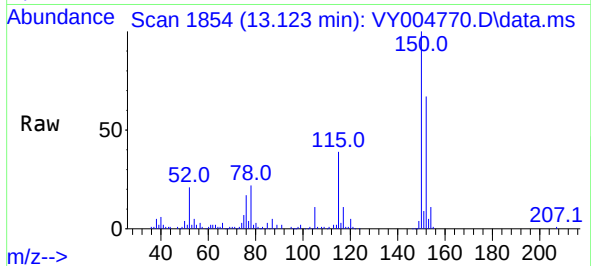




#84
1,2,4-Trimethylbenzene
Concen: 3.61 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

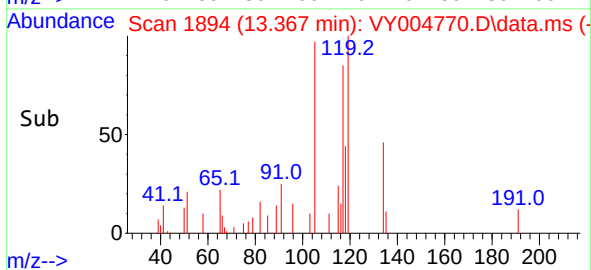
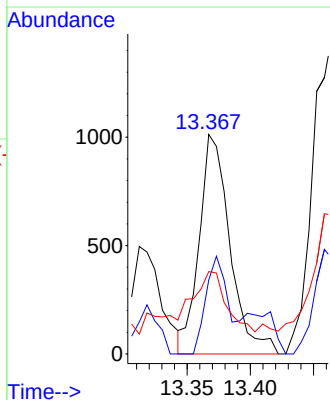
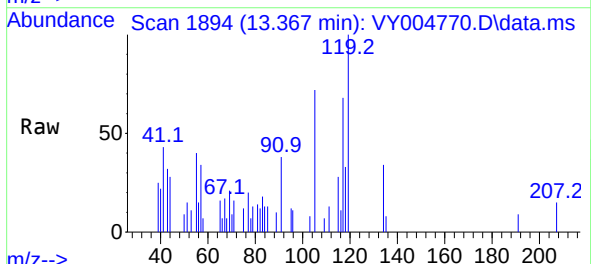
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-3.5-4.0

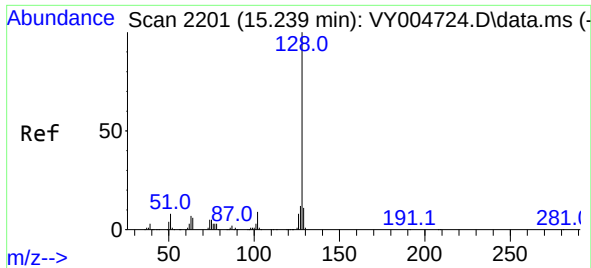
Tgt Ion:105 Resp: 4901
Ion Ratio Lower Upper
105 100
120 44.5 22.5 67.5



#86
p-Isopropyltoluene
Concen: 1.17 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

Tgt Ion:119 Resp: 1710
Ion Ratio Lower Upper
119 100
134 33.6 12.9 38.7
91 28.8 12.0 36.1





#95
Naphthalene
Concen: 16.35 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004770.D
Acq: 14 May 2021 01:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-3.5-4.0

Tgt Ion:128 Resp: 14535
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 11.7 8.6 13.0

