

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051321\
 Data File : VY004763.D
 Acq On : 13 May 2021 14:26
 Operator : SY/MD
 Sample : M2383-01
 Misc : 5.34G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KSB-01(6-8)

Quant Time: May 14 02:28:11 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)

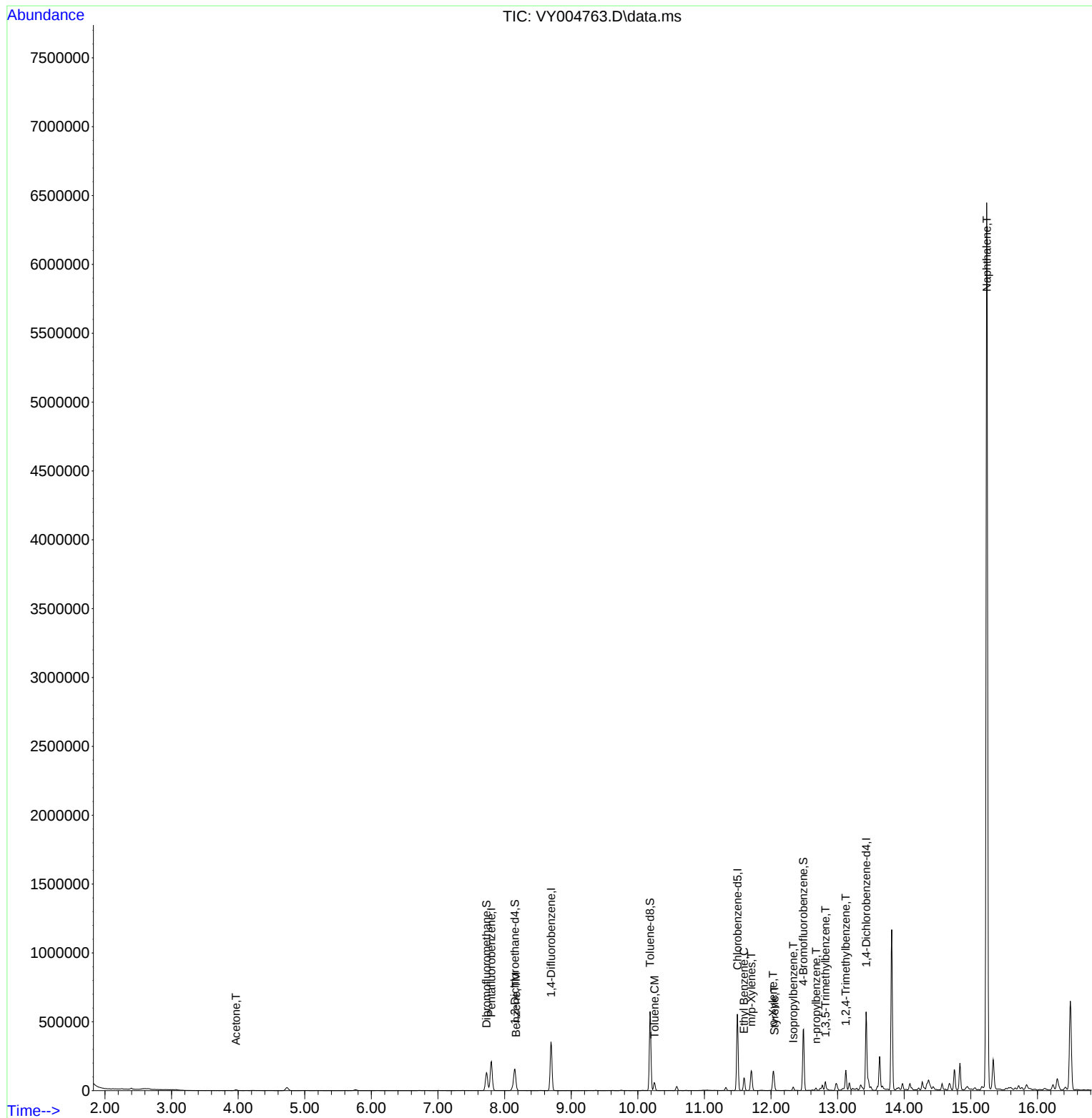
Internal Standards						
1) Pentafluorobenzene	7.801	168	154587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	283304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	275004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	112118	60.93	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.86%			
35) Dibromofluoromethane	7.728	113	90648	58.45	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.90%			
50) Toluene-d8	10.185	98	352037	50.25	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.50%			
62) 4-Bromofluorobenzene	12.483	95	126616	53.55	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.10%			
Target Compounds					Qvalue	
16) Acetone	3.966	43	11209	27.12	ug/l	99
40) Benzene	8.173	78	12624	1.54	ug/l	95
52) Toluene	10.252	92	23269	4.49	ug/l	99
67) Ethyl Benzene	11.593	91	60977	5.80	ug/l	99
68) m/p-Xylenes	11.703	106	42320	10.71	ug/l	100
69) o-Xylene	12.032	106	31658	8.57	ug/l	99
70) Styrene	12.050	104	22595	3.65	ug/l #	86
73) Isopropylbenzene	12.337	105	13976	1.40	ug/l	97
78) n-propylbenzene	12.678	91	13129	1.08	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	28245	3.41	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	72453	8.73	ug/l	99
95) Naphthalene	15.239	128	4954567	910.91	ug/l	99

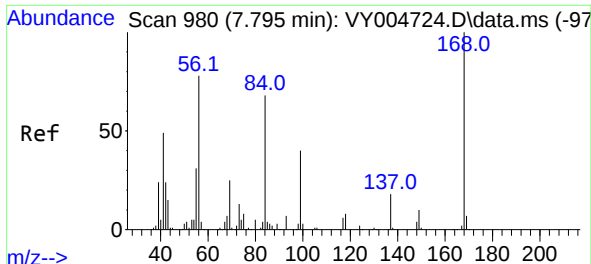
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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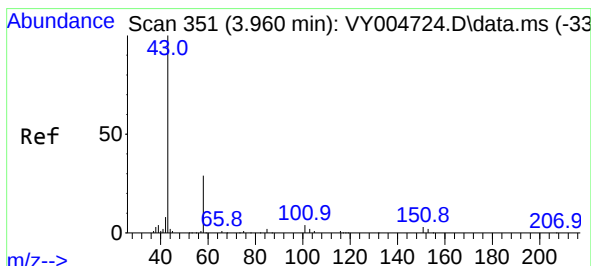
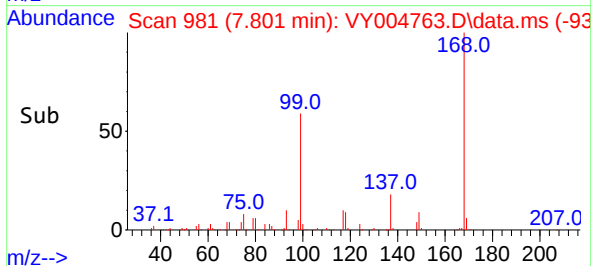
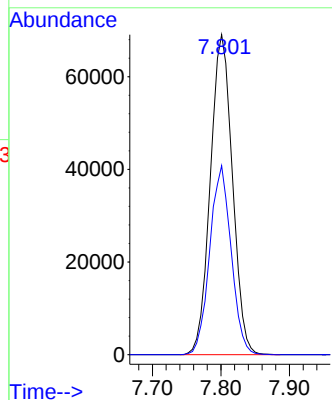
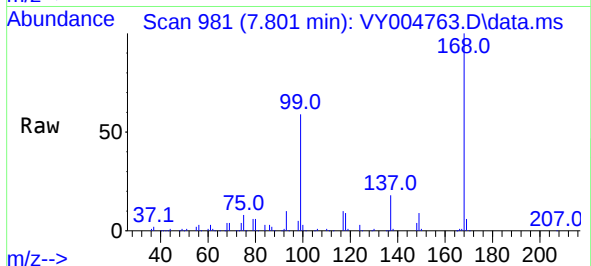




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

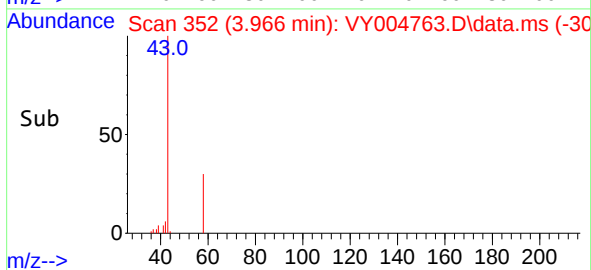
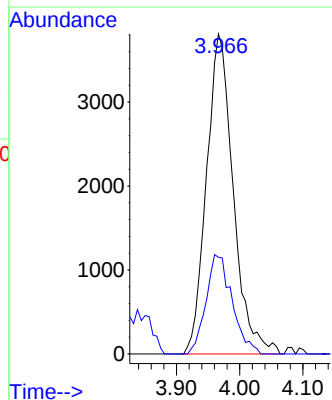
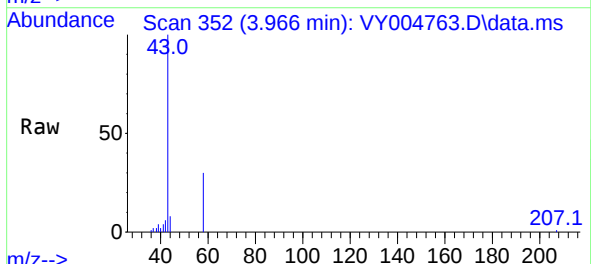
Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

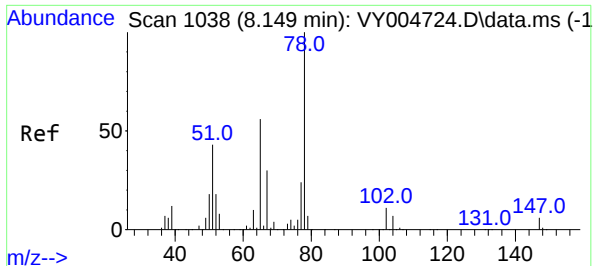
Tgt Ion:168 Resp: 154587
Ion Ratio Lower Upper
168 100
99 59.1 45.6 68.4



#16
Acetone
Concen: 27.12 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

Tgt Ion: 43 Resp: 11209
Ion Ratio Lower Upper
43 100
58 30.2 23.6 35.4



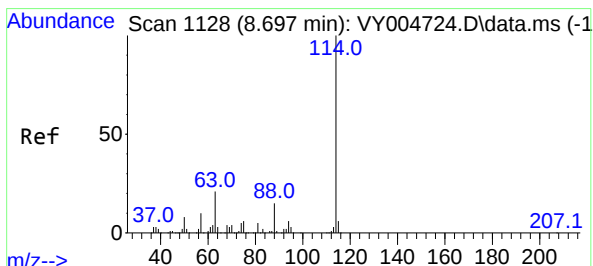
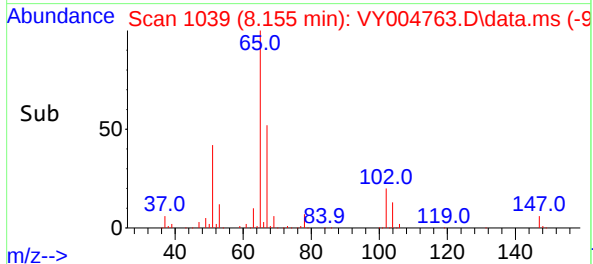
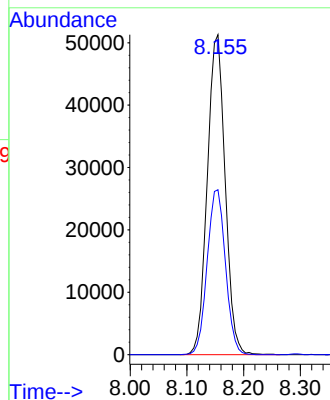
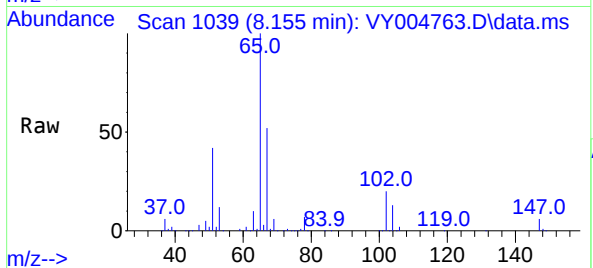


#33

1,2-Dichloroethane-d4
Concen: 60.93 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

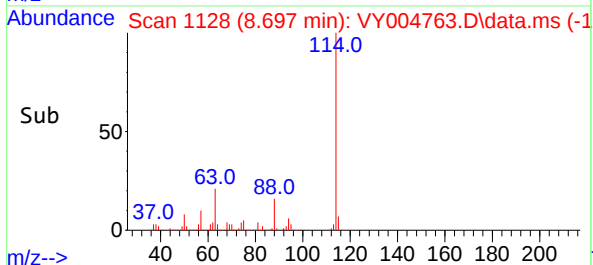
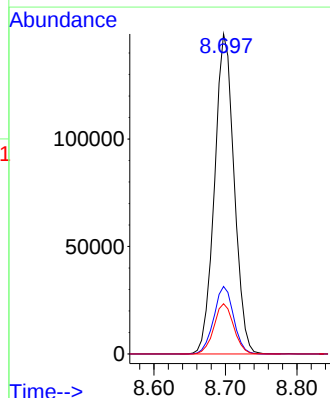
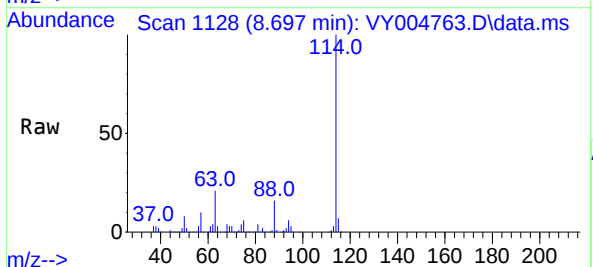
Tgt Ion: 65 Resp: 112118
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.0

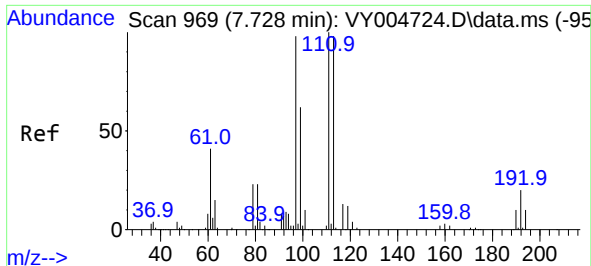


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

Tgt Ion: 114 Resp: 283304
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.8
88 15.7 0.0 31.0

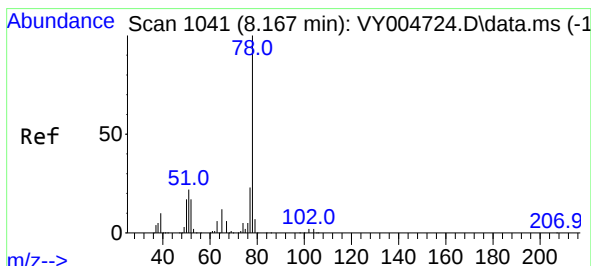
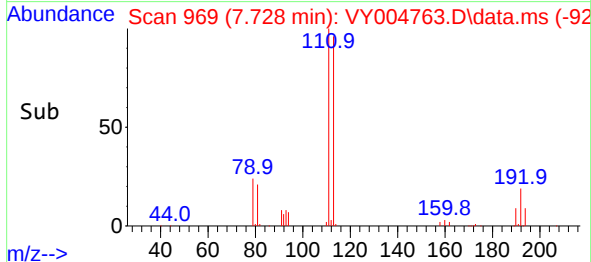
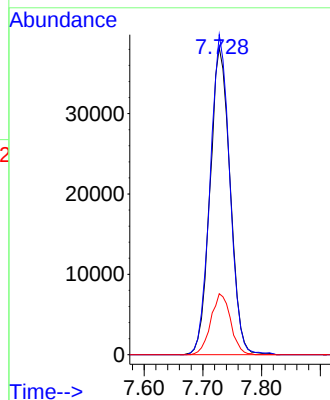
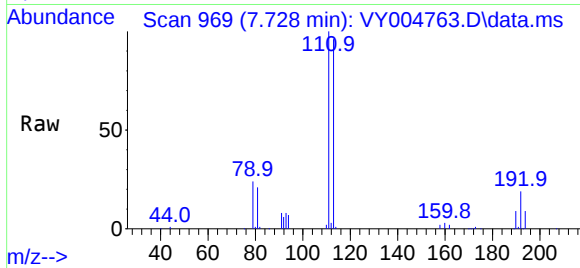




#35
Dibromofluoromethane
Concen: 58.45 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

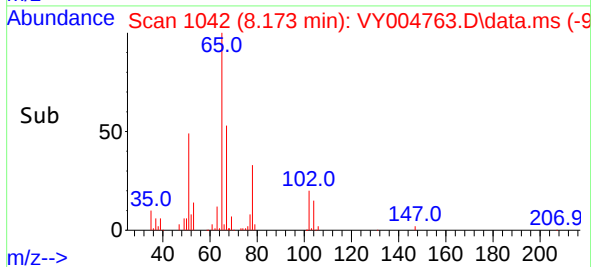
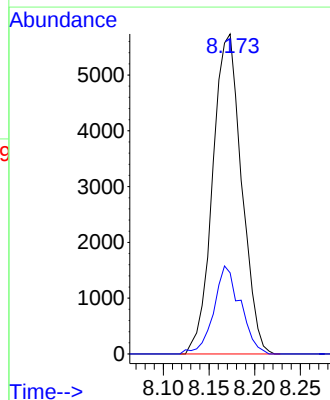
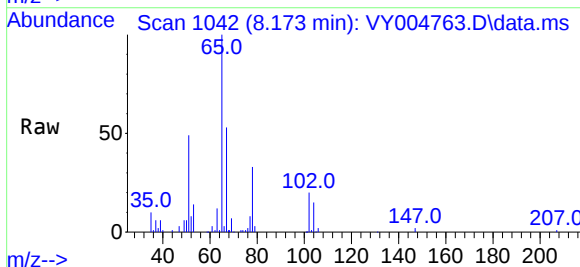
Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

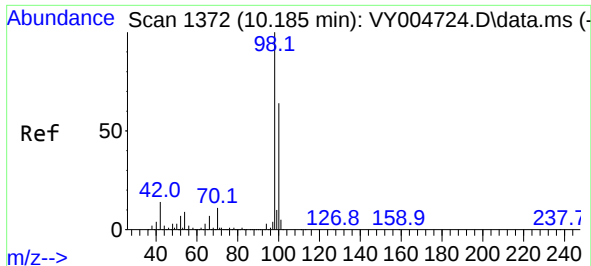
Tgt Ion:	113	Resp:	90648
Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.5	120.7
192	19.5	15.0	22.6



#40
Benzene
Concen: 1.54 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

Tgt Ion:	78	Resp:	12624
Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.4	27.6

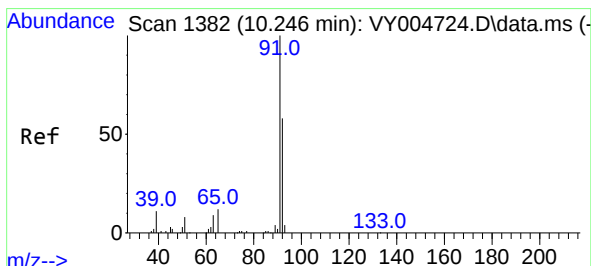
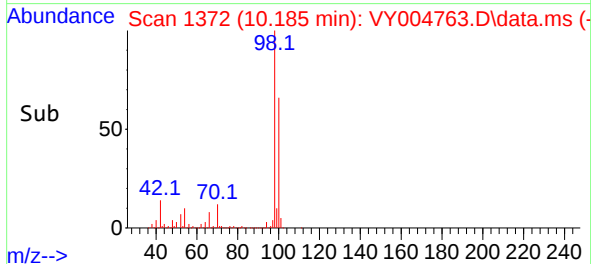
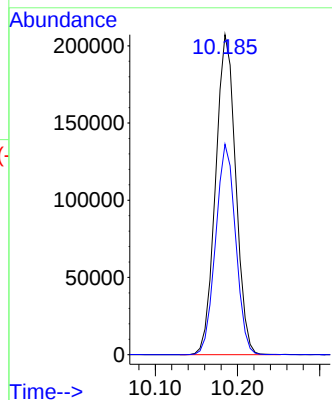
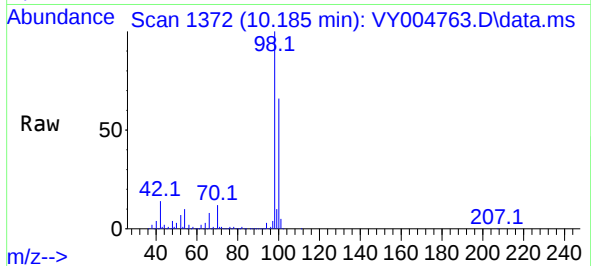




#50
Toluene-d8
Concen: 50.25 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

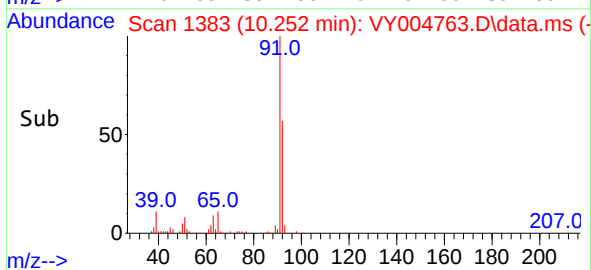
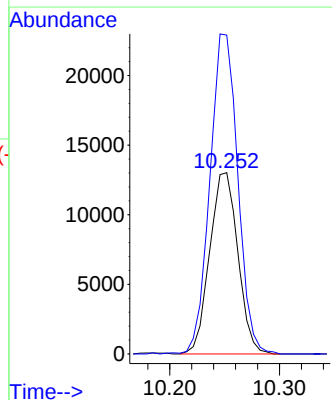
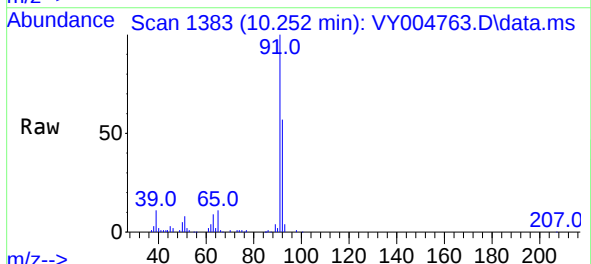
Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

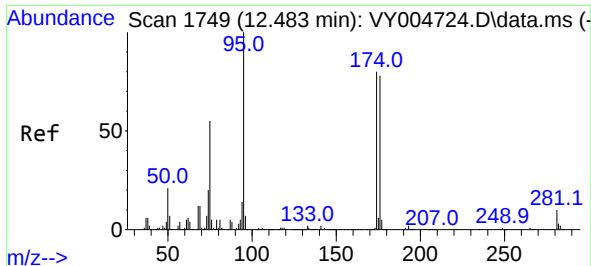
Tgt Ion: 98 Resp: 352037
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3



#52
Toluene
Concen: 4.49 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

Tgt Ion: 92 Resp: 23269
Ion Ratio Lower Upper
92 100
91 174.8 138.2 207.4

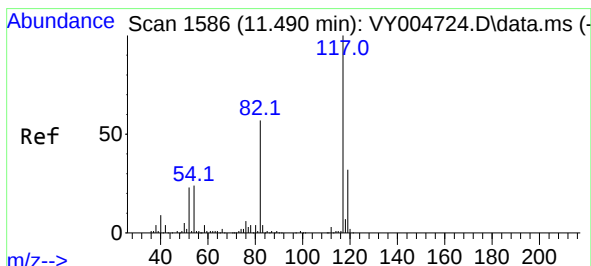
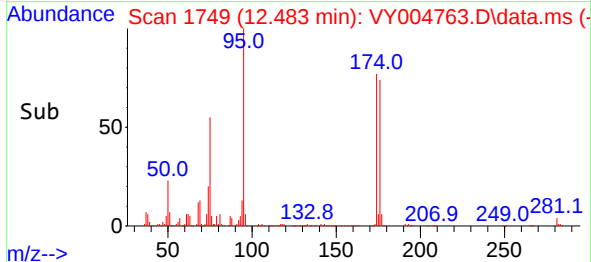
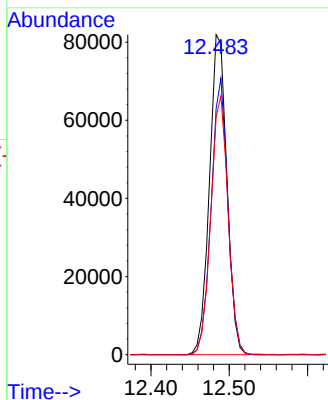
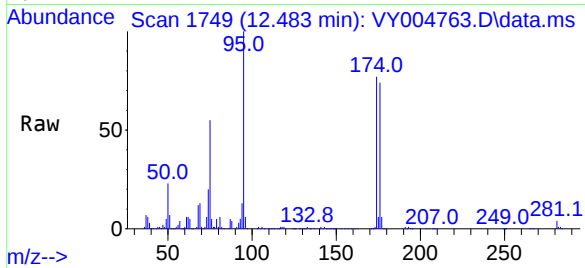




#62
4-Bromofluorobenzene
Concen: 53.55 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

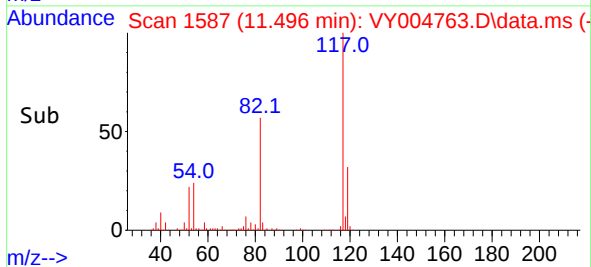
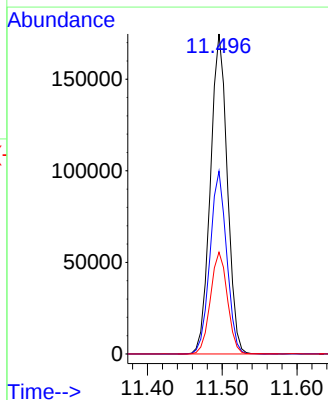
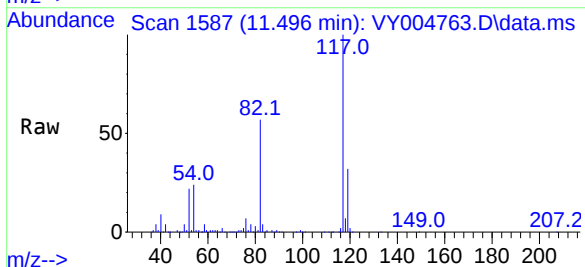
Instrument :
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ClientSampleId :
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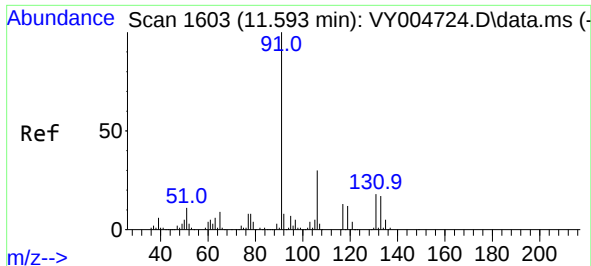
Tgt Ion:	95	Resp:	126616
Ion Ratio	Lower	Upper	
95	100		
174	82.4	0.0	164.2
176	79.8	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

Tgt Ion:	117	Resp:	275004
Ion Ratio	Lower	Upper	
117	100		
82	57.1	45.4	68.2
119	31.8	25.8	38.6

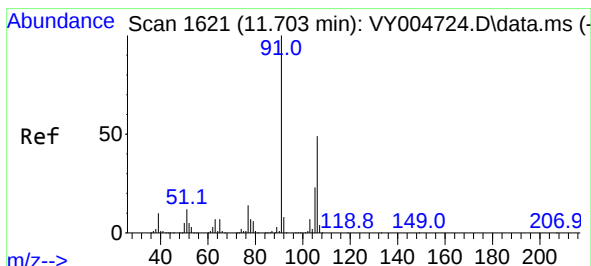
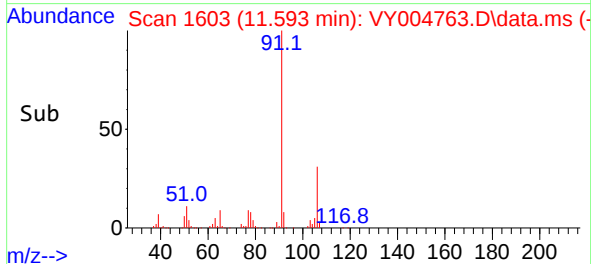
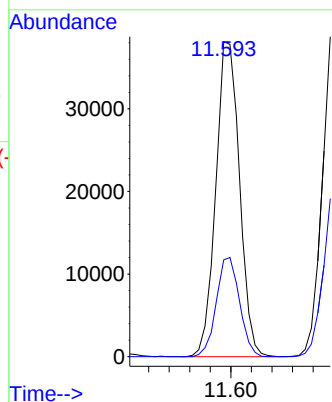
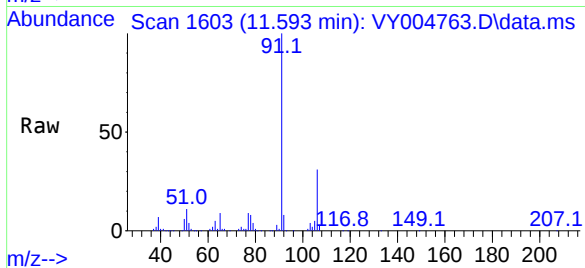




#67
Ethyl Benzene
Concen: 5.80 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

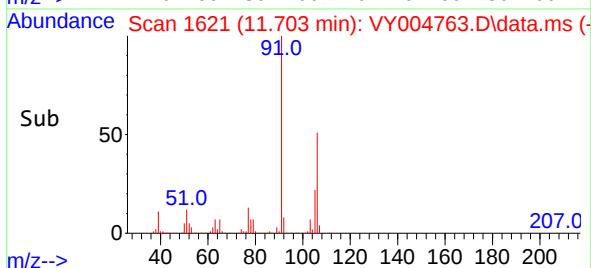
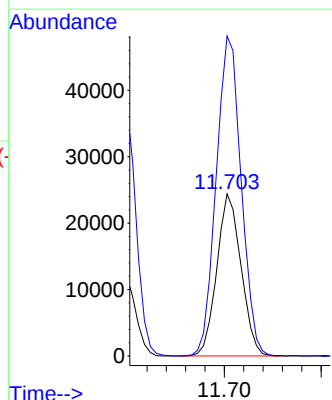
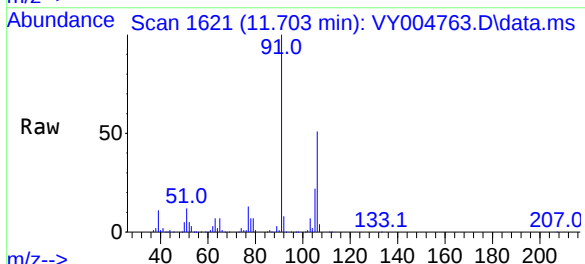
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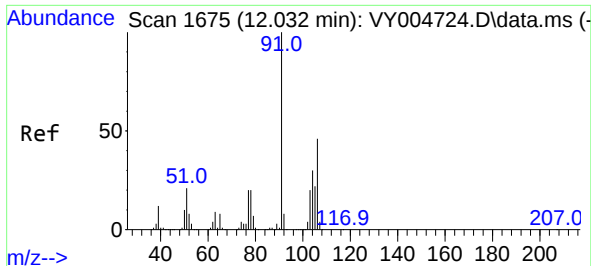
Tgt Ion: 91 Resp: 60977
Ion Ratio Lower Upper
91 100
106 30.7 24.0 36.0



#68
m/p-Xylenes
Concen: 10.71 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

Tgt Ion: 106 Resp: 42320
Ion Ratio Lower Upper
106 100
91 203.8 163.6 245.4

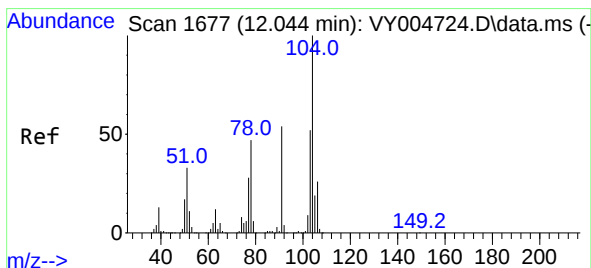
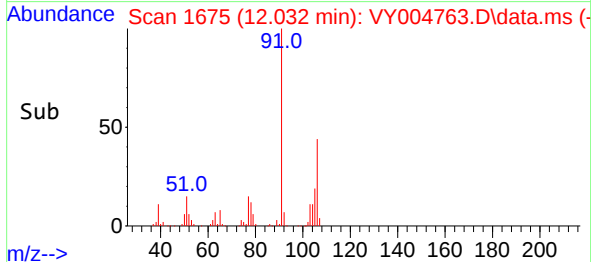
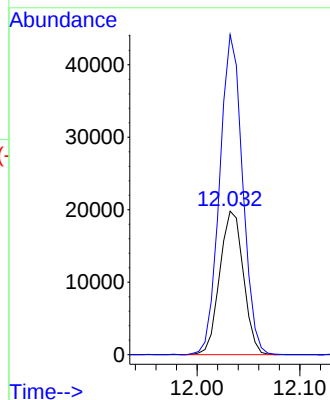
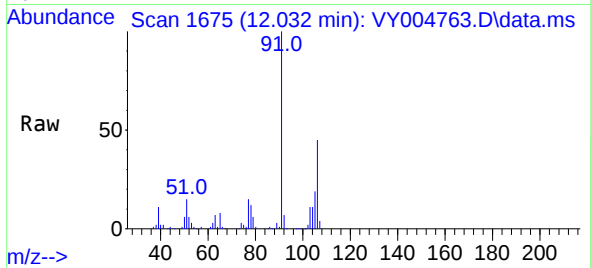




#69
o-Xylene
Concen: 8.57 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

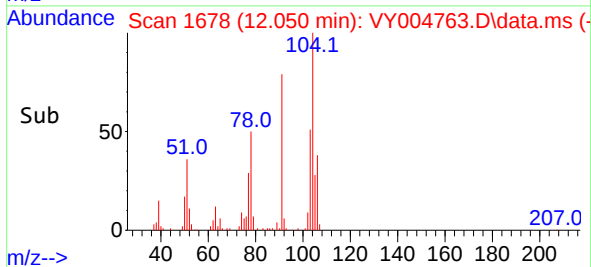
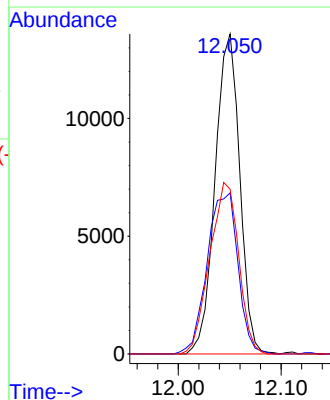
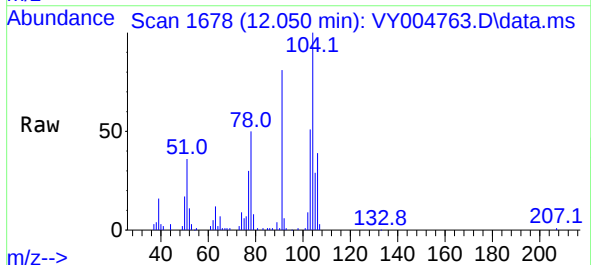
Instrument :
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KSB-01(6-8)

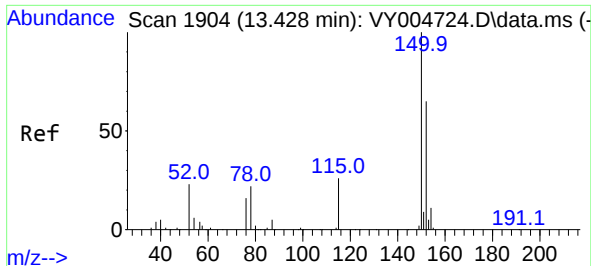
Tgt Ion:106 Resp: 31658
Ion Ratio Lower Upper
106 100
91 216.5 108.9 326.7



#70
Styrene
Concen: 3.65 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

Tgt Ion:104 Resp: 22595
Ion Ratio Lower Upper
104 100
78 62.8 40.3 60.5#
103 62.9 44.2 66.4

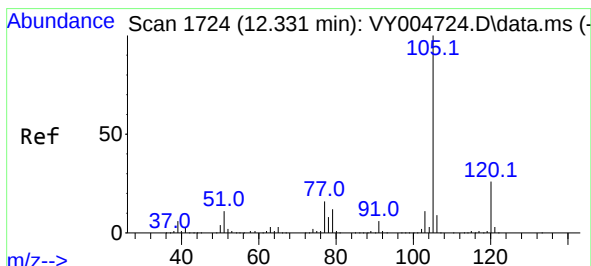
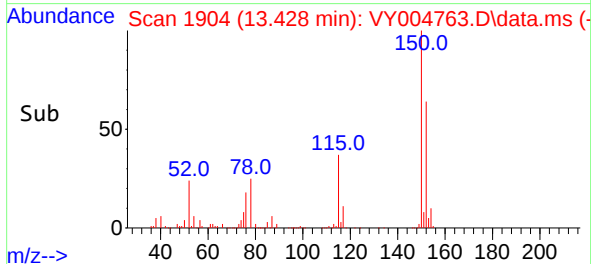
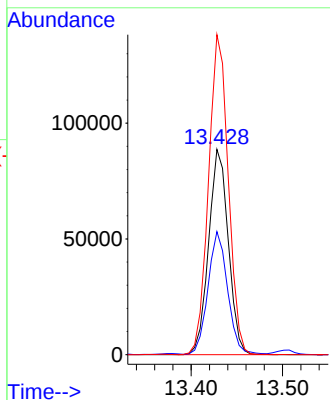
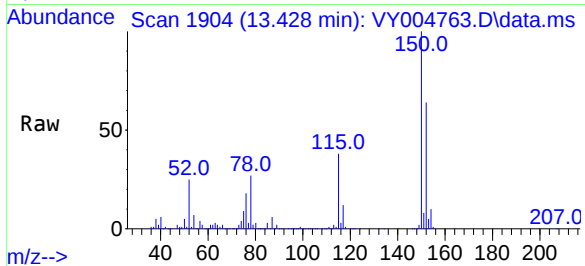




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

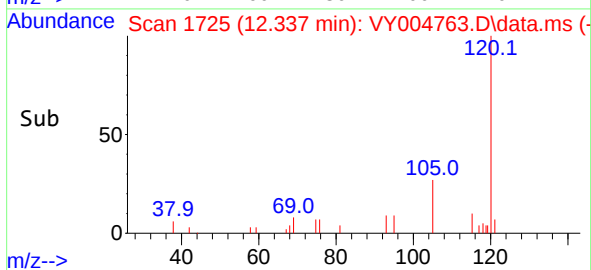
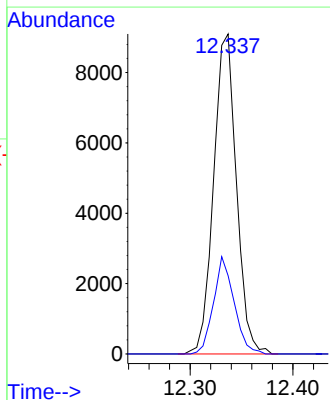
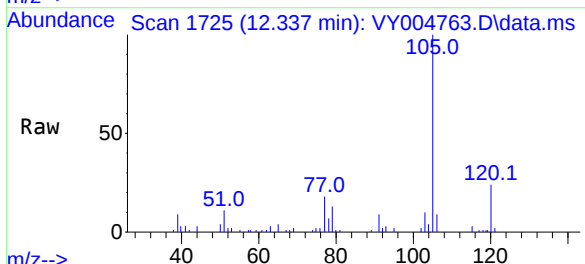
Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

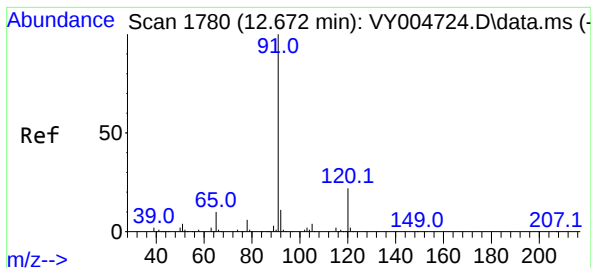
Tgt Ion:152 Resp: 132378
Ion Ratio Lower Upper
152 100
115 59.4 29.4 88.3
150 156.5 0.0 349.8



#73
Isopropylbenzene
Concen: 1.40 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

Tgt Ion:105 Resp: 13976
Ion Ratio Lower Upper
105 100
120 27.4 13.1 39.1

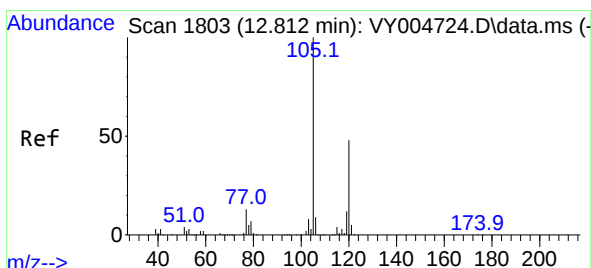
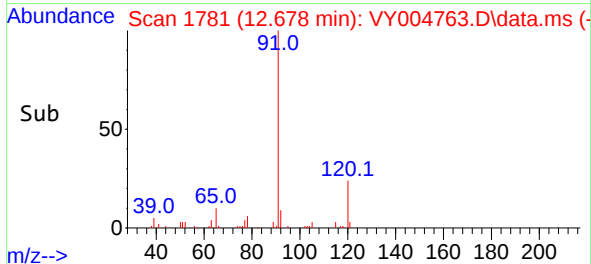
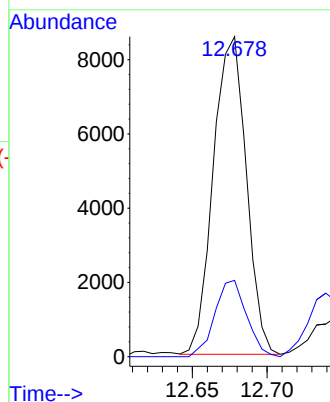
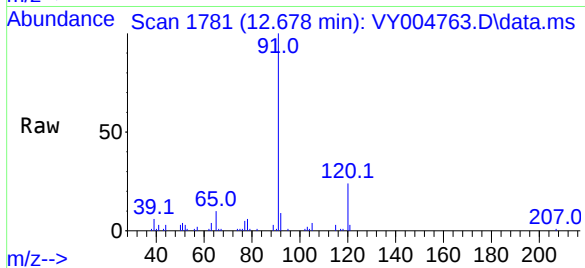




#78
n-propylbenzene
Concen: 1.08 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

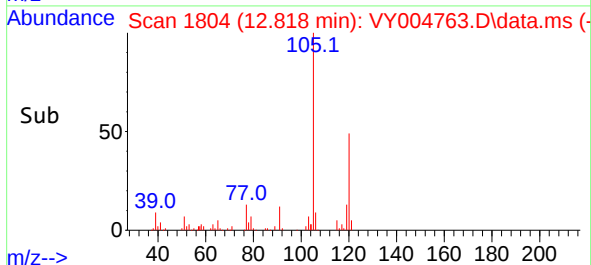
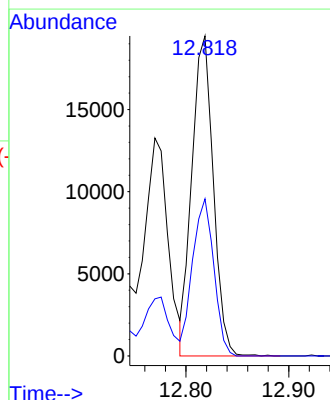
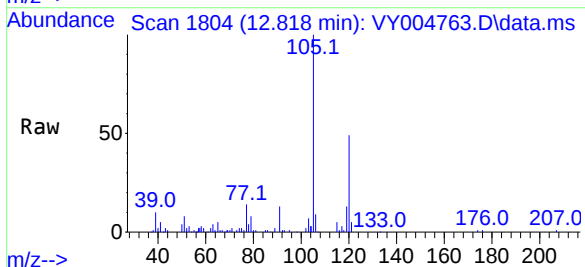
Instrument :
MSVOA_Y
ClientSampled :
KSB-01(6-8)

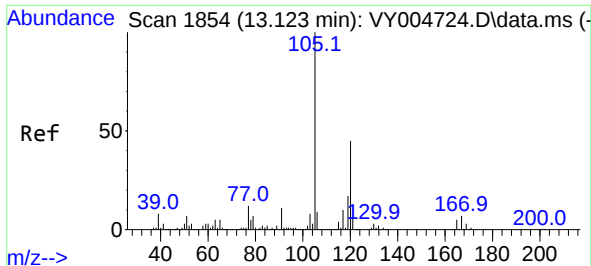
Tgt Ion: 91 Resp: 13129
Ion Ratio Lower Upper
91 100
120 23.1 11.1 33.3



#80
1,3,5-Trimethylbenzene
Concen: 3.41 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

Tgt Ion:105 Resp: 28245
Ion Ratio Lower Upper
105 100
120 48.9 24.0 72.0

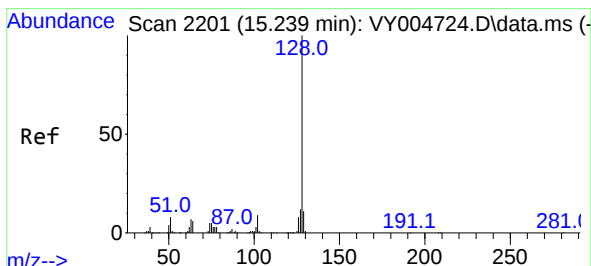
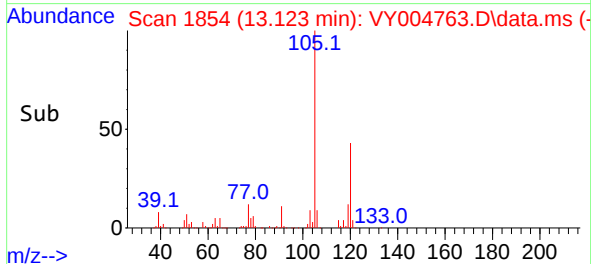
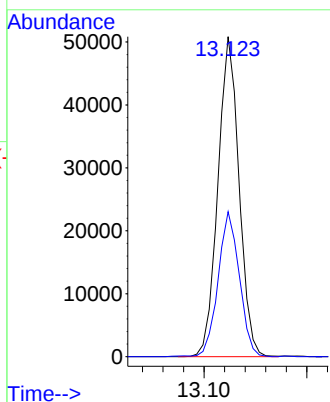
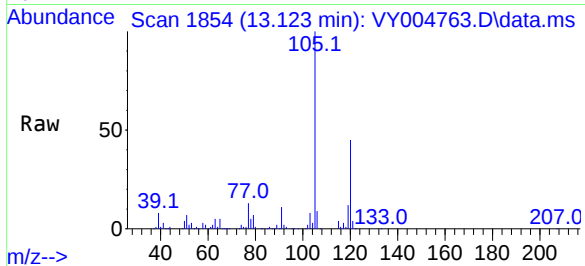




#84
1,2,4-Trimethylbenzene
Concen: 8.73 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

Instrument :
MSVOA_Y
ClientSampleId :
KSB-01(6-8)

Tgt Ion:105 Resp: 72453
Ion Ratio Lower Upper
105 100
120 45.6 22.5 67.5



#95
Naphthalene
Concen: 910.91 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004763.D
Acq: 13 May 2021 14:26

Tgt Ion:128 Resp: 4954567
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.1 8.6 13.0

